

**CAPITAL PROFILE REPORT**

Profile Page 1

**PROFILE NAME:** SHAW CONFERENCE CENTRE RENEWAL  
**PROFILE:** 15-99-3030  
**DEPARTMENT:** Boards and Commissions  
**BRANCH:** Economic Development Corporation  
**PROGRAM NAME:**  
**LEAD BRANCH:** Economic Development Corporation  
**BUDGET CYCLE:** 2015-2018 run for 2015

**FUNDED**

<b>PROFILE STAGE:</b>	Post Budget Approval
<b>PROFILE TYPE:</b>	Standalone
<b>PROFILE MANAGER:</b>	Cliff Higuchi
<b>LEAD BRANCH MANAGER:</b>	Cliff Higuchi
<b>ESTIMATED START:</b>	January, 2015
<b>ESTIMATED COMPLETION:</b>	December, 2018

**Service Category:** Building Renewal**Major Initiative:**

<b>GROWTH</b>	<b>RENEWAL</b>
	100

<b>PREVIOUSLY APPROVED:</b>	7,930
<b>BUDGET REQUEST:</b>	-
<b>TOTAL PROFILE BUDGET:</b>	7,930

**PROFILE DESCRIPTION**

This profile is for renewal of the infrastructure of the Shaw Conference Center. Replacement of Atrium sealed glass units, air handling units damper & actuators, freight elevators, hydraulic piston, kitchen exhaust fan, heat exchangers, renew a range of equipment, devices and parts of the water system, HVAC upgrade and cleaning system.

Upgrading of service transformers, sound system, lighting, fire alarm, security and paging system reorganize wiring, electrical panel boards, door access controls and surveillance.

Loading dock - repaving/expansion joints, renew sliding doors, exterior landscaping, wood soffits, washroom upgrades, carpets, resurface asphalt pavement, roof, ceramic tile, floor and acoustic partitions.

**PROFILE BACKGROUND**

The renewal work under this profile are related to the access and utilization of the conference centre including maintaining the property in good condition as well as meeting safety standards and providing a safe environment and facility for our customers and staff. Maintaining the mechanical systems of the building in good order and maintaining the internal system of the building in good order for utilization of the conference centre.

**PROFILE JUSTIFICATION**

Rehabilitation of the property to maintain good condition, to meet safety standards and regulations and provide quality customer service to aid in the marketability of the Centre. The existing glass to the atrium space is in need of replacement because the glazing is beyond the normal service life of 25 years for the sealed glass units. The glass units have been failing at steady pace for some time.

**STRATEGIC ALIGNMENT**

To assist in operating the facility with the best economic impact. Meet the safety standard, ensuring protecting property, people and image.

**ALTERNATIVES CONSIDERED**

Renewal as needed; delay renewal as per new assessment. In regards to the atrium glass, replace failed glass panels and its seals to prevent leaks into the building.

**COST BENEFITS**

Long term savings due to reduction in on-going repairs, and reducing the potential for lost business due to inability to meet customer expectations. Reduction in the amount of down time and mitigate risks in liability and property damage. (Atrium Glass).

**KEY RISKS & MITIGATING STRATEGY**

Liability due to personal injury; decrease in marketability of conference centre, negative customer experience due to malfunction of equipment, water leaks, personal injury or property damage resulting in decreased revenue.

**RESOURCES**

The Shaw Conference Center will conform to the City of Edmonton's requirements during the tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

Renewals and replacements are required to maintain a safe facility, generate revenue, extend the useful life of the property, prevent further damage, and operate the facility without disruption by preventing electrical and mechanical failures.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Shaw Conference Centre Renewal**

PROFILE NUMBER: **15-99-3030**

BRANCH: **Economic Development Corporation**

**FUNDED**

PROFILE TYPE: **Standalone**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Current Approved Budget	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Approved Funding Sources												
	Pay-As-You-Go	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Current Approved Funding Sources	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Requested Funding Source												
	Pay-As-You-Go	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Requested Funding Source	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930
	Total	-	3,410	1,350	1,270	1,900	-	-	-	-	-	-	7,930

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICESEIZEDVEHICLESTORAGELOTEXPANSION**  
 PROFILE **06-60-1357**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Korol D.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2004**ESTIMATED COMPLETION: **January, 2014**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>660</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>660</b>

**PROFILE DESCRIPTION**

This single project addresses the need to expand the Police Seized Vehicle Storage Lot (Tow Lot). The current lot is operating beyond capacity resulting in overcrowding, loss of productivity and increased risk of claims for damage to vehicles stored on the lot. Expansion will reduce the risk of damage to vehicles, improve efficiency in the use of the lot and provide future expandability as the City continues to grow.

The Tow Lot expansion was originally part of a larger project known as the Integrated Operational/Storage Facility (06-60-1357) involving a warehouse to accommodate Data Retention, Property and Exhibit and Materials Management bulk inventory storage. The project has been reduced to include tow lot expansion only. As a result, the unfunded project 08-60-1359 is required to complete the project. Unfunded project 10-60-1358 has been completely removed.

**PROFILE JUSTIFICATION**

Recent Traffic Safety initiatives are impacting directly on vehicle management at the existing tow lot.

- \* Over the past five years (2003-2007) there has been a 21% increase in the number of vehicles towed into the facility.
- \* 18% of vehicles impounded by the EPS are not retrieved by their owners.

The current tow lot is operating beyond capacity. Storage will remain beyond capacity as ongoing traffic initiatives are expected to continue. Legislation dictates that EPS must give the registered owner of the vehicle a minimum of 30 days from the date of seizure to claim the vehicle. In 2007, 1344 or 7% of vehicle seized remained past 30 days.

A longer term storage facility is required for vehicles of drivers under suspension, vehicles under investigation, vehicles held past 30 days or vehicles disposed.

Having the infrastructure and capability to manage the increased demand placed upon the Tow lot is necessary to meet citizens' needs. Managing this need for space with sound stewardship is relevant as the service strives to balance the needs of citizens and stakeholders with the requirements outlined in legislation.

The expansion of the Tow Lot will serve to provide current and future space to accommodate the many traffic enforcement initiatives such as 'Curb the Danger' program as the service attempts to reduce victimization and promote safety on the streets of Edmonton.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **PoliceSeizedVehicleStorageLotExpansion****FUNDED**PROFILE NUMBER: **06-60-1357**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,560	-	-	-	-	-	-	-	-	-	-	4,560
	2004 CBS Budget Adjustment	-21	-	-	-	-	-	-	-	-	-	-	-21
	2005 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2006 CBS Budget Adjustment	-300	-	-	-	-	-	-	-	-	-	-	-300
	2008 CBS Budget Adjustment	-1,291	-	-	-	-	-	-	-	-	-	-	-1,291
	2009 CBS Budget Adjustment	-1,253	-	-	-	-	-	-	-	-	-	-	-1,253
	2010 CBS Budget Adjustment	-1,369	-	-	-	-	-	-	-	-	-	-	-1,369
	2011 CBS Budget Adjustment	117	-	-	-	-	-	-	-	-	-	-	117
	2012 CBS Budget Adjustment	30	-	-	-	-	-	-	-	-	-	-	30
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	226	-	-	-	-	-	-	-	-	-	-	226
	2014 Cap Carry Forward	-119	119	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-39	-	-	-	-	-	-	-	-	-	-39
	Current Approved Budget	580	80	-	-	-	-	-	-	-	-	-	660
	Approved Funding Sources												
	Pay-As-You-Go	550	-	-	-	-	-	-	-	-	-	-	550
	Pay-As-You-Go - Police	30	80	-	-	-	-	-	-	-	-	-	110
	Current Approved Funding Sources	580	80	-	-	-	-	-	-	-	-	-	660

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	580	80	-	-	-	-	-	-	-	-	-	660
	Requested Funding Source												
	Pay-As-You-Go	550	-	-	-	-	-	-	-	-	-	-	550
	Pay-As-You-Go - Police	30	80	-	-	-	-	-	-	-	-	-	110
	Requested Funding Source	580	80	-	-	-	-	-	-	-	-	-	660

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	580	80	-	-	-	-	-	-	-	-	-	660
	Total	580	80	-	-	-	-	-	-	-	-	-	660

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SOUTH WEST DIVISION STATION**  
 PROFILE: **07-60-1356**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Knecht R.R.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2006**  
 ESTIMATED COMPLETION: **January, 2014**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>33,718</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>33,718</b>

**PROFILE DESCRIPTION**

This project involves the construction of a new Southwest Division Station and is partially funded from the Alberta Municipal Infrastructure Program (AMIP) and Municipal Sustainability Initiative (MSI). A purchase of non-City owned land and construction cost escalations associated with the delay in starting construction resulted in increased costs from initial projections to complete the project (previously approved).

**PROFILE JUSTIFICATION**

A review of the police service and how officers are deployed resulted in a model being developed to divide the City of Edmonton into five sections. The goal of the new deployment model was to achieve a 7 minute response time on priority one calls and 25% proactive time for members to work within the communities.

Pending construction of the new South West Division Station, the existing South Division Station located at 9710-51 Avenue (15,000 sq. ft.) and built in 1976 was re-purposed to house South West Division on the opening of the South East Divisional Station (Millwoods) in 2005. This was an interim solution until the new South West Divisional Station could be built. The existing South West station is undersized, has no space for expansion, is in need of major infrastructure improvements and is on the extreme eastern edge of the Southwest Division.

By providing a new Southwest Division Station, the EPS will reduce its response time to the performance standard therefore improving service to meet citizens' expectations around quality customer service (EPS Strategic Direction #2). A new building will allow the service to grow and meet the requirements of staff as well as provide space for community programs who work along side police members and allow for future expansion.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **South West Division Station****FUNDED**PROFILE NUMBER: **07-60-1356**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	60,014	-	-	-	-	-	-	-	-	-	-	60,014
	2006 CBS Budget Adjustment	-500	-	-	-	-	-	-	-	-	-	-	-500
	2007 CBS Budget Adjustment	-9,658	-	-	-	-	-	-	-	-	-	-	-9,658
	2008 CBS Budget Adjustment	2,838	-	-	-	-	-	-	-	-	-	-	2,838
	2009 CBS Budget Adjustment	-10,630	-	-	-	-	-	-	-	-	-	-	-10,630
	2010 CBS Budget Adjustment	-10,008	-	-	-	-	-	-	-	-	-	-	-10,008
	2011 CBS Budget Adjustment	-1,638	-	-	-	-	-	-	-	-	-	-	-1,638
	2012 CBS Budget Adjustment	1,834	-	-	-	-	-	-	-	-	-	-	1,834
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,546	-	-	-	-	-	-	-	-	-	-	1,546
	2014 Cap Carry Forward	-80	80	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-80	-	-	-	-	-	-	-	-	-	-80
	Current Approved Budget	33,718	-	-	-	-	-	-	-	-	-	-	33,718
	Approved Funding Sources												
REVIS BUDGET (IF APPROVED)	AMIP	19,892	-	-	-	-	-	-	-	-	-	-	19,892
	Munc Sustain. Initiative - MSI	10,130	-	-	-	-	-	-	-	-	-	-	10,130
	Pay-As-You-Go	3,696	-	-	-	-	-	-	-	-	-	-	3,696
	Current Approved Funding Sources	33,718	-	-	-	-	-	-	-	-	-	-	33,718

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVIS BUDGET (IF APPROVED)	Revised Budget (if Approved)	33,718	-	-	-	-	-	-	-	-	-	-	33,718
	Requested Funding Source												
	AMIP	19,892	-	-	-	-	-	-	-	-	-	-	19,892
	Munc Sustain. Initiative - MSI	10,130	-	-	-	-	-	-	-	-	-	-	10,130
	Pay-As-You-Go	3,696	-	-	-	-	-	-	-	-	-	-	3,696
	Requested Funding Source	33,718	-	-	-	-	-	-	-	-	-	-	33,718

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVIS BUDGET (IF APPROVED)	Other Costs	33,718	-	-	-	-	-	-	-	-	-	-	33,718
	Total	33,718	-	-	-	-	-	-	-	-	-	-	33,718

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NORTHWEST CAMPUS**  
 PROFILE: **12-60-1376**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brian Kisilevich
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	106,860
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	106,860
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**PROFILE DESCRIPTION**

The Northwest Campus project encompasses the design and construction of a single facility to house a new Arrest Processing Facility and a Training Centre in conjunction with a new Northwest Division Station. These facilities will be designed to maximize common areas and economies of scale to provide needed facilities. The Training Centre will also provide recruit and on-going mandatory and elective training for the EPS.

The campus would house approximately 250 staff members and provide training space for all EPS staff and up to 70 detainee cells. The Training Centre would also be available for other City and outside agency training needs. Community use would be factored into the design.

Previously approved 07-60-1375 North West Division Station for land and design is included as part of this profile.

See section on "Changes to Approved Profile" for details on approved and proposed change requests.

**PROFILE BACKGROUND**

Facilities are often referred to as the "bricks and mortar" infrastructure that supports the operational responsibilities of any organization. Over time, best practice methodologies have been applied to assess the condition, capacity and functionality of facilities.

Capacity and functionality are not the only conditions that the EPS must look at when reviewing its space and facility needs. Advances in technology, building HVAC (heating, ventilation and air conditioning) systems and security have infringed on working space, reducing the effective area available for operational and support functions. At the same time, office space has had to accommodate larger furniture that is more ergonomically suitable and able to position computers and other technology needs for staff use. Increasingly, Occupational Health and Safety concerns related to the workplace play a critical role in the use of existing space and in the planning for new space.

**PROFILE JUSTIFICATION**

Each individual facility is required to address critical needs of the EPS:

A. Northwest Division Station is required based on projected workload to efficiently deploy patrol members, strengthen ownership of territory and make more time available for proactive police work.

B. A new Arrest Processing Facility will replace the existing facility located in EPS Headquarters:

\*The current facility constructed to hold 23 people including staff. The number of detainees is regularly over 35 currently.

\* Detainees frequently held three or more to a cell leading to severe personal security, health and Charter issues, for officers and detainees.

C. A new Training Centre includes:

\* Centralization of all staff and equipment in one place for better efficiencies than separate areas. The current recruit training centre lease will expire in 2016.

\* Increased emphasis on training to meet provincial standards, investigative quality and mitigate civil litigation against the EPS.

**STRATEGIC ALIGNMENT**

Considering the North West Campus as a single entity and its connection to the "Ways":

\*The Way We Live – Increased efficiency supporting a safe city;

\*The Way We Green – Increased efficiency of facility operations and smaller overall footprint.

**ALTERNATIVES CONSIDERED**

The EPS considered originally three separate facilities to meet the distinct needs of each. Based on feedback from the Strategic Facilities Plan and to achieve efficiencies and reduce overall costs, the project was approved to proceed as a campus.

# CAPITAL PROFILE REPORT

## COST BENEFITS

Initial cost estimates were at a conceptual level and were considered to be +/- 50% accurate.

In reviewing the initial size estimates and expected costs with Buildings Design and Construction at the time, significant savings were expected from combining all the facilities. Overall expected savings were anticipated to be the equivalent of the cost of constructing a single standalone facility.

## KEY RISKS & MITIGATING STRATEGY

High Risk: Failure to protect the health, safety and security of EPS members or members of the public through the consistent provision of adequate facilities.

## RESOURCES

All City of Edmonton policies and procedures will be followed for this profile. The EPS will work closely with Project Management and Maintenance Services throughout design and construction.

## CONCLUSIONS AND RECOMMENDATIONS

On completion of three separate business cases (attached), the EPS quickly realized that these individual facilities would be expensive to build and moving forward with three separate facility requests would not be an efficient use of tax dollars.

## CHANGES TO APPROVED PROFILE

Since the original approval, detailed space planning has increased the accuracy of estimates to a +/- 20% accuracy level. This planning revealed that the original square footage estimates were significantly lower than requirements.

Functional changes within the EPS moved the Detainee Management Unit to the newly created Investigation Management and Approval Centre (IMAC). As this area built their processes, adjacency of the detainee function and the resulting court and investigative documents became closely integrated. Consistent support for the detainee management function was provided through close physical proximity of the other areas. It was determined that physical adjacency would be required between the functions continuing into the future adding to the overall square footage requirements.

In addition, the land originally identified for the campus was no longer available resulting in delays while a new parcel was located and the appropriate plans and zoning were completed. This parcel is in Goodridge Corners and adjacent to the new Remand Centre making it an ideal site but also a more expensive one. This added \$2.75 million to the project.

The overall size increase and inflationary costs due to the delay of the project and the addition of the remainder of the IMAC functional area totaled \$25.405 million dollars. At the July 16, 2014 City Council Meeting an additional \$8.2 million in funding was approved by City Council to be added to this project. This funding was the result of deferred financing changes for this project as it is being funded through Tax Supported Debt.

The remaining \$17.205 million for construction increases is proposed to be approved in the 2015-18 Capital Budget. One package for \$9.31 million for the Detainee Management facility and a second package for \$7.895 million to construct the IMAC facility are proposed for Tax-Supported Debt financing.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Northwest Campus****FUNDED**PROFILE NUMBER: **12-60-1376**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	36,173	28,282	17,000	-	-	-	-	-	-	-	-	81,455
	2012 CBS Budget Adjustment	-11,173	-	-	-	-	-	-	-	-	-	-	-11,173
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	11,173	-	-	-	-	-	-	-	-	-	-	11,173
	2014 Cap Budget Request for Next Cycle	-	-	-	17,205	-	-	-	-	-	-	-	17,205
	2014 Cap Capital Budget Adj (one-off)	8,200	-	-	-	-	-	-	-	-	-	-	8,200
	2014 Cap Carry Forward	-43,541	43,541	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	832	71,823	17,000	17,205	-	-	-	-	-	-	-	106,860
	Approved Funding Sources												
BUDGET REQUEST	Pay-As-You-Go	-	8,200	-	-	-	-	-	-	-	-	-	8,200
	Tax-Supported Debt	832	63,623	17,000	17,205	-	-	-	-	-	-	-	98,660
	Current Approved Funding Sources	832	71,823	17,000	17,205	-	-	-	-	-	-	-	106,860

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	832	71,823	17,000	17,205	-	-	-	-	-	-	-	106,860
	Requested Funding Source												
	Pay-As-You-Go	-	8,200	-	-	-	-	-	-	-	-	-	8,200
	Tax-Supported Debt	832	63,623	17,000	17,205	-	-	-	-	-	-	-	98,660
	Requested Funding Source	832	71,823	17,000	17,205	-	-	-	-	-	-	-	106,860

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	8,200	-	-	17,205	-	-	-	-	-	-	-	25,405
	Design	-43,541	43,541	-	-	-	-	-	-	-	-	-	-
	Other Costs	36,173	28,282	17,000	-	-	-	-	-	-	-	-	81,455
	Total	832	71,823	17,000	17,205	-	-	-	-	-	-	-	106,860

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	5,601	5,601	29.0	-	3,536	3,536	17.0	-	1,307	1,307	-	-	-	-	-
Total Operating Impact	-	5,601	5,601	29.0	-	3,536	3,536	17.0	-	1,307	1,307	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TELECOM LIFE CYCLE**  
 PROFILE **12-60-1419**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Korol D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,899</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,899</b>

**PROFILE DESCRIPTION**

This composite project involves the life cycle replacement of critical telecommunication infrastructure which includes administrative telephone and videoconferencing equipment as well as surveillance kits and maintenance equipment.

## Timeline:

2012: Replacement of administrative telephone system with VOIP for increased efficiency and reduced costs - note risk that funding will be inadequate for a full scale implementation

All other replacements deferred until 2015 due to budget constraints.

**PROFILE JUSTIFICATION**

The equipment needs to be operational, maintained and replaced in accordance with industry standards so that the overall communications systems remain available, reliable and current with existing technology. Equipment that is reliable and current allows the EPS to achieve the outcomes of a modern and efficient police force. A structured life cycle replacement program mitigates the risk of critical failure of components of the EPS telecommunication infrastructure.

The move to a Voice Over Internet Protocol (VOIP) administrative telephone system and video conferencing upgrades are expected to reduce or maintain operating costs and increase operating efficiencies. Video conferencing allows for a more productive way to conduct meetings as required by eliminating travel time and dealing with emergent issues in a more timely fashion. Telephony systems (end user equipment) are the primary backbone of the telecommunications program at the present time.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Telecom Life Cycle****FUNDED**PROFILE NUMBER: **12-60-1419**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,869	-	-	-	-	-	-	-	-	-	-	1,869
	2012 CBS Budget Adjustment	-1,605	-	-	-	-	-	-	-	-	-	-	-1,605
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,521	-	-	-	-	-	-	-	-	-	-	1,521
	2014 Cap Carry Forward	-1,210	1,210	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	114	-	-	-	-	-	-	-	-	-	114
	Current Approved Budget	575	1,324	-	-	-	-	-	-	-	-	-	1,899
	Approved Funding Sources												
	Pay-As-You-Go	433	1,324	-	-	-	-	-	-	-	-	-	1,757
	Pay-As-You-Go - Police	142	-	-	-	-	-	-	-	-	-	-	142
	Current Approved Funding Sources	575	1,324	-	-	-	-	-	-	-	-	-	1,899

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	575	1,324	-	-	-	-	-	-	-	-	-	1,899
	Requested Funding Source												
	Pay-As-You-Go	433	1,324	-	-	-	-	-	-	-	-	-	1,757
	Pay-As-You-Go - Police	142	-	-	-	-	-	-	-	-	-	-	142
	Requested Funding Source	575	1,324	-	-	-	-	-	-	-	-	-	1,899

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	1,899	-	-	-	-	-	-	-	-	-	-	1,899
	Technology	-1,324	1,324	-	-	-	-	-	-	-	-	-	-
	Total	575	1,324	-	-	-	-	-	-	-	-	-	1,899

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RADIO LIFE CYCLE**  
 PROFILE: **12-60-1425**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Korol D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,235</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,235</b>

**PROFILE DESCRIPTION**

This composite project involves the life cycle replacement of critical radio infrastructure which includes portable and mobile radios, dispatch and other related equipment. This project covers the replacement of 1,289 portable radios, 604 mobile radios, 36 Base station radios, batteries and other related equipment. Equipment purchased will be compliant with the new Provincial Radio System for emergency responders expected to be operational in 2014 and will also be able to operate on the current civic radio system.

## Timelines:

2012-13: Replacement of the radio inventory

2014: Replacement of other related radio and dispatch equipment based on life cycle

With the reduced funding available for renewal in this time period, the EPS has determined that their top priority will be fully funding replacement of the radio inventory.

**PROFILE JUSTIFICATION**

The equipment needs to be operational, maintained and replaced in accordance with industry standards so that the overall communications systems remain available, reliable and current with existing technology. Equipment that is reliable and current allows the EPS to achieve the outcomes of a modern and efficient police force.

Radios and dispatch equipment provide critical field, investigative and tactical operations support and enable collaboration with provincial and municipal agencies. Dispatch and 9-1-1 systems allow citizens to interface with local public safety agencies.

EPS radio and dispatch equipment provide an immediate individual or group communication tool for critical field, investigative and tactical operations teams. Radio provides the most reliable form of communications which does not rely on 3rd party telecommunications infrastructure.

Radio is and continues to be the most effective method when all Government agencies need to quickly initiate disaster or emergency operations. The Edmonton public safety radio network was installed in 1995 and the last evergreening of the radios themselves was in 2001. The EPS radios are now past the minimum life cycle of 7 years and will reach the maximum of 10 years in 2011. They are in need of replacement. Further, EPS radios are not compatible with the upcoming Alberta First Responders Radio Communication System. The EPS will need to replace all portable, mobile, base station and suitcase radios to ensure compatibility with and enable a move to that new provincial radio system.

The EPS is recommending any new end user radios purchased will be compliant with both the new provincial radio system (P25 standard) and the existing PPSRS (EDACS standard) radio network. These dual mode radios will allow the EPS compatibility with the provincial radio network while maintaining the capability to communicate with municipal departments. Current plans anticipate this investment in 2012. The new radios are expected to have a 7 to 10 year life span.

**CHANGES TO APPROVED PROFILE**

#15-41: To correct negative funding source resulting from 2014 carryforward.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Radio Life Cycle****FUNDED**PROFILE NUMBER: **12-60-1425**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	10,185	-	-	-	-	-	-	-	-	-	-	10,185
	2012 CBS Budget Adjustment	-9,153	-	-	-	-	-	-	-	-	-	-	-9,153
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	9,153	-	-	-	-	-	-	-	-	-	-	9,153
	2014 Cap Carry Forward	-6,347	6,347	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	50	-	-	-	-	-	-	-	-	-	50
	Current Approved Budget	3,838	6,397	-	-	-	-	-	-	-	-	-	10,235
	Approved Funding Sources												
	Pay-As-You-Go	3,784	6,357	-	-	-	-	-	-	-	-	-	10,141
	Pay-As-You-Go - Police	54	40	-	-	-	-	-	-	-	-	-	94
	Current Approved Funding Sources	3,838	6,397	-	-	-	-	-	-	-	-	-	10,235

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,838	6,397	-	-	-	-	-	-	-	-	-	10,235
	Requested Funding Source												
	Pay-As-You-Go	3,784	6,357	-	-	-	-	-	-	-	-	-	10,141
	Pay-As-You-Go - Police	54	40	-	-	-	-	-	-	-	-	-	94
	Requested Funding Source	3,838	6,397	-	-	-	-	-	-	-	-	-	10,235

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	10,185	50	-	-	-	-	-	-	-	-	-	10,235
	Technology	-6,347	6,347	-	-	-	-	-	-	-	-	-	-
	Total	3,838	6,397	-	-	-	-	-	-	-	-	-	10,235

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICE IT SYSTEMS INFRASTRUCTURE-RENEWAL**  
 PROFILE: **12-60-1433**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Korol D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,997</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,997</b>

**PROFILE DESCRIPTION**

This composite renewal project encompasses various initiatives to ensure high availability and operability of mission-critical police operational systems based on technology solutions. These initiatives include lifecycle management, operational support, and emerging technology. Ensuring the availability, security and integrity of information technology systems is a fundamental component for the delivery of a modern police service.

To ensure high availability and operability of mission-critical police operational systems, this project looks at the following three areas and balances its infrastructure investments between them:

## 1. Lifecycle Management

Each technology deployed at the EPS has a limited life span. IT best practice requires obsolescence and succession planning of these technologies to ensure future capability and reliability.

## 2. Operational Support

As the EPS expands its presence with additional divisions or introduces new business requirements, Infrastructure requirements also expand to accommodate business operations.

## 3. Emerging Technology

New IT technologies are continually developed through evolution and innovation. EPS can benefit from these through careful evaluation, selection and deployment of the technologies, to serve the business needs of the organization.

**PROFILE JUSTIFICATION**

The foundation of the Information Technology Branch's service delivery model is based on two basic principles that align with the core mission of the EPS:

\* Ensure the Availability, Security and Integrity of Existing Information Technology Systems.

\* Develop, Promote and Implement Effective Technology in Support of Business Strategy.

The EPS has a significant investment in information technology. In order to maintain the value of that investment, active requirements planning and formal project management is employed. Security and availability of police information is a top priority and must be maintained for officer safety, organization liability, and business continuity/resiliency purposes. In order to meet these requirements, Information Technologies are implemented using a combination of hardware and software. These components require ongoing upgrades and enhancements as the EPS evolves.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Police IT Systems Infrastructure-Renewal****FUNDED**PROFILE NUMBER: **12-60-1433**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,005	-	-	-	-	-	-	-	-	-	-	3,005
	2012 CBS Budget Adjustment	250	-	-	-	-	-	-	-	-	-	-	250
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	569	-	-	-	-	-	-	-	-	-	-	569
	2014 Cap Carry Forward	23	-23	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	150	-	-	-	-	-	-	-	-	-	-	150
	2015 Cap Council	-	23	-	-	-	-	-	-	-	-	-	23
	Current Approved Budget	3,997	-	-	-	-	-	-	-	-	-	-	3,997
	Approved Funding Sources												
	Pay-As-You-Go	3,097	-	-	-	-	-	-	-	-	-	-	3,097
	Pay-As-You-Go - Police	900	-	-	-	-	-	-	-	-	-	-	900
	Current Approved Funding Sources	3,997	-	-	-	-	-	-	-	-	-	-	3,997

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,997	-	-	-	-	-	-	-	-	-	-	3,997
	Requested Funding Source												
	Pay-As-You-Go	3,097	-	-	-	-	-	-	-	-	-	-	3,097
	Pay-As-You-Go - Police	900	-	-	-	-	-	-	-	-	-	-	900
	Requested Funding Source	3,997	-	-	-	-	-	-	-	-	-	-	3,997

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	3,997	-	-	-	-	-	-	-	-	-	-	3,997
	Total	3,997	-	-	-	-	-	-	-	-	-	-	3,997

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	230	230	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>230</b>	<b>230</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICE IT SYSTEMS - APPLICATIONS-RENEWAL**  
 PROFILE: **12-60-1460**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Korol D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,394</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,394</b>

**PROFILE DESCRIPTION**

This composite renewal project maintains and upgrades the software applications that will keep EPS information secure and available and improve the processes used to deliver IT services. This project covers the ongoing capital upgrade and maintenance of the EPS IT system for these applications. This project is related to unfunded project 12-60-1461 which covers the growth needs of the EPS for IT applications.

The focus over the next several years will be to continue to leverage technology to realize organizational efficiencies and further enhance the intelligent analysis of existing data and information sources with new application tools and techniques. In the 2012-14 time period, sub-projects related to the records management system, Business Intelligence, website redevelopment, the records management system including evidence inventory, intelligence analysis software, security access control, fixed asset inventory systems, electronic document management and the early intervention base system have been identified.

This capital project covers the need for Technology Lifecycle Management for IT applications. The level of funding requested was reduced by 40% (\$2.008 M) to meet corporate funding constraints. Mission critical operational systems will be the top priority.

**PROFILE JUSTIFICATION**

The EPS has a significant investment in information technology to support the requirements of day-to-day police activities. These projects deal with components that will keep EPS data and information secure and available, improve the processes used to deliver IT services, and apply new technology to policing applications. The implementation of leading and best practices in structure, planning and operational processes improves the effectiveness and efficiency of service delivery to the EPS.

Practically this means to help the Service:

- Better meet requests for intelligence and other information from EPS systems
- Effectively collaborate internally and externally for information sharing.
- Provide timely responses to public interactions
- Assist with crime management by equipping front line officers with the tools and administrative support systems they need to do their jobs.

The planning uncertainty related to rapidly changing technology solutions requires an agile funding model that the Service has the capability and capacity to manage. This will ensure that adequate resources are available to be allocated by the governance and organizational prioritization processes of the Informatics Steering Committee toward the highest priority initiatives of the Service. The end result will be to help the Service plan strategy to align more effectively and in a timely fashion with identified and emergent requirements.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Police IT Systems - Applications-Renewal****FUNDED**PROFILE NUMBER: **12-60-1460**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,162	-	-	-	-	-	-	-	-	-	-	3,162
	2012 CBS Budget Adjustment	-1,287	-	-	-	-	-	-	-	-	-	-	-1,287
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,927	-	-	-	-	-	-	-	-	-	-	1,927
	2014 Cap Carry Forward	-708	708	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,300	-	-	-	-	-	-	-	-	-	-	1,300
	2015 Cap Council	-	-708	-	-	-	-	-	-	-	-	-	-708
	Current Approved Budget	4,394	-	-	-	-	-	-	-	-	-	-	4,394
	Approved Funding Sources												
	Pay-As-You-Go	2,654	-	-	-	-	-	-	-	-	-	-	2,654
	Pay-As-You-Go - Police	1,740	-	-	-	-	-	-	-	-	-	-	1,740
	Current Approved Funding Sources	4,394	-	-	-	-	-	-	-	-	-	-	4,394

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,394	-	-	-	-	-	-	-	-	-	-	4,394
	Requested Funding Source												
	Pay-As-You-Go	2,654	-	-	-	-	-	-	-	-	-	-	2,654
	Pay-As-You-Go - Police	1,740	-	-	-	-	-	-	-	-	-	-	1,740
	Requested Funding Source	4,394	-	-	-	-	-	-	-	-	-	-	4,394

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	4,394	-	-	-	-	-	-	-	-	-	-	4,394
	Total	4,394	-	-	-	-	-	-	-	-	-	-	4,394

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	280	280	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>280</b>	<b>280</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CLOSED CIRCUIT TELEVISION**  
 PROFILE: **12-60-1753**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Korol D.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Protection
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	1,630
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,630
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**PROFILE DESCRIPTION**

The unfunded capital project 12-60-1753 Closed Circuit Television (CCTV) encompasses three distinct and significant sub-projects:

1. The equipment necessary to extend the existing CCTV coverage for the EPS to meet revised provincial policing standards (2012),
2. The equipment necessary to extend CCTV coverage to all identified security risk points (2015), and
3. The infrastructure necessary to retain the digital images generated by CCTV for a total of one (1) year in order to meet revised provincial policing standards (2012-13).

Revised Provincial Standards are effective Dec. 31, 2013. Due to funding constraints at the City for the 2012-14 time period, unless there are further changes provincially, the EPS will be non-compliant with provincial standards at that time.

**PROFILE JUSTIFICATION**

Funded project 07-60-1753 Closed Circuit Television provided the infrastructure necessary to meet the previous Provincial Policing Standards SS 6.3 and 6.4 Prisoners in Custody regarding CCTV in holding facilities in Edmonton Police Service (EPS) Divisional Stations and physical security in selected EPS facilities.

Provincial Policing Standards are being revised to extend the monitoring of holding cells and will now include the holding cells in EPS community stations previously excluded from the standard. More significantly, the standards will require the retention of CCTV recordings for one year (a very large increase from the current 30 days). This change was agreed to by all provincial policing agencies and the provincial ministries on May 14, 2010. Agencies will have until Dec. 31, 2013 to comply. The cost to be in compliance is estimated to be \$1,700,000. Aside from monitoring of holding cells, the implementation of CCTV systems at major Edmonton Police Service (EPS) facilities is also needed to provide enhanced security and access control for officers, staff and citizens. These areas include the Yellow phone locations and perimeter security at 3 Divisional Stations, the William Nixon Range, Flight Operations and the new off-site records storage facility at an additional cost of \$650,000.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Closed Circuit Television****FUNDED**PROFILE NUMBER: **12-60-1753**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	500	-	-	-	-	-	-	-	-	-	-	500
	2012 CBS Budget Adjustment	879	-	-	-	-	-	-	-	-	-	-	879
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	321	-	-	-	-	-	-	-	-	-	-	321
	2014 Cap Carry Forward	-70	70	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-70	-	-	-	-	-	-	-	-	-	-70
	Current Approved Budget	1,630	-	-	-	-	-	-	-	-	-	-	1,630
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	1,630	70	-	-	-	-	-	-	-	-	-	1,700
APPROVED BUDGET	Pay-As-You-Go	-	-70	-	-	-	-	-	-	-	-	-	-70
	Current Approved Funding Sources	1,630	-	-	-	-	-	-	-	-	-	-	1,630

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,630	-	-	-	-	-	-	-	-	-	-	1,630
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	1,630	70	-	-	-	-	-	-	-	-	-	1,700
	Pay-As-You-Go	-	-70	-	-	-	-	-	-	-	-	-	-70
	Requested Funding Source	1,630	-	-	-	-	-	-	-	-	-	-	1,630

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	1,630	-	-	-	-	-	-	-	-	-	-	1,630
	Total	1,630	-	-	-	-	-	-	-	-	-	-	1,630

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VEHICLES**  
 PROFILE: **12-60-1765**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Knecht R.R.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,430</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,430</b>

**PROFILE DESCRIPTION**

This capital project includes the life cycle replacement of Edmonton Police Service (EPS) owned marked, unmarked and covert vehicles. Based on life cycle information provided by Fleet Services, the EPS stages the replacement of vehicles including outfitting the units with police specific equipment to optimize the performance of the vehicles in the department's inventory.

The responsibility for the capital budget for the purchase of EPS replacement vehicles moved to EPS in 2009. The funds for the purchase of these vehicles are identified through the EPS operating budget from funds formerly paid to Fleet Services as a monthly fixed charge. This charge was similar to a lease cost for the vehicles. Moving this responsibility to the EPS enabled the department to have more flexibility and direct input into the number, type and attributes of the police fleet.

2012: BA#35 adjust budget to match approved operating budget of \$4395

**PROFILE JUSTIFICATION**

Mobility of the patrol member and specialized police teams is a key component in the delivery of response to citizen and community priority needs. First priority in managing the Fleet is therefore keeping those vehicles on the road and operating in top condition. The EPS fleet is also managed to minimize its life cycle cost taking into account maintenance, operating and replacement costs. This replacement program is required to achieve that goal.

Regular maintenance results in the extension of the reliability and useful life of the EPS fleet so that it continues to be productive to the end of their expected life and beyond as much as possible. Patrol vehicles are very much a frontline officer's office - their workplace. It needs to be reliable, efficiently organized and capable of being the workhorse of the patrol function to get a member to calls, enforce traffic safety and transport prisoners when required. The vehicle has become a critical organizational tool for the EPS.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Vehicles****FUNDED**PROFILE NUMBER: **12-60-1765**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	13,767	-	-	-	-	-	-	-	-	-	-	13,767
	2012 CBS Budget Adjustment	-1,042	-	-	-	-	-	-	-	-	-	-	-1,042
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,629	-	-	-	-	-	-	-	-	-	-	1,629
	2014 Cap Carry Forward	-874	874	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	76	-	-	-	-	-	-	-	-	-	-	76
	Current Approved Budget	13,556	874	-	-	-	-	-	-	-	-	-	14,430
	Approved Funding Sources												
	Pay-As-You-Go - Police	13,556	874	-	-	-	-	-	-	-	-	-	14,430
	Current Approved Funding Sources	13,556	874	-	-	-	-	-	-	-	-	-	14,430

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	13,556	874	-	-	-	-	-	-	-	-	-	14,430
	Requested Funding Source												
	Pay-As-You-Go - Police	13,556	874	-	-	-	-	-	-	-	-	-	14,430
	Requested Funding Source	13,556	874	-	-	-	-	-	-	-	-	-	14,430

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	13,556	874	-	-	-	-	-	-	-	-	-	14,430
	Total	13,556	874	-	-	-	-	-	-	-	-	-	14,430

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SPECIALIZED POLICE EQUIPMENT**  
 PROFILE: **12-60-1771**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Korol D.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	January, 2015
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	3,988
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,988
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**PROFILE DESCRIPTION**

Purchase of new equipment to replace assets that have reached the end of their economic life.

**PROFILE JUSTIFICATION**

EPS equipment is managed to minimize its life cycle cost taking into account maintenance, operating and replacement costs. This replacement program is required to achieve that goal.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Specialized Police Equipment****FUNDED**PROFILE NUMBER: **12-60-1771**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	1,283	-	-	-	-	-	-	-	-	-	-	1,283
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	915	-	-	-	-	-	-	-	-	-	-	915
	2014 Cap Carry Forward	790	-790	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	2015 Cap Council	-	790	-	-	-	-	-	-	-	-	-	790
	Current Approved Budget	3,988	-	-	-	-	-	-	-	-	-	-	3,988
	Approved Funding Sources												
	Pay-As-You-Go - Police	3,988	-	-	-	-	-	-	-	-	-	-	3,988
	Current Approved Funding Sources	3,988	-	-	-	-	-	-	-	-	-	-	3,988

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,988	-	-	-	-	-	-	-	-	-	-	3,988
	Requested Funding Source												
	Pay-As-You-Go - Police	3,988	-	-	-	-	-	-	-	-	-	-	3,988
	Requested Funding Source	3,988	-	-	-	-	-	-	-	-	-	-	3,988

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	3,988	-	-	-	-	-	-	-	-	-	-	3,988
	Total	3,988	-	-	-	-	-	-	-	-	-	-	3,988

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FACILITIES INFRASTRUCTURE/REHABILITATION**  
 PROFILE: **12-60-1856**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Korol D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,709</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,709</b>

**PROFILE DESCRIPTION**

This composite project is to replace and rehabilitate major building components for all city owned police facilities. The replacement of major building components on a scheduled timeline will result in the building remaining in good operational condition and extend the useful life.

**PROFILE JUSTIFICATION**

The evaluation identified and documented all major structural, electrical and mechanical components of EPS facilities. It provided component descriptions within the specific building system, including installation date, summary of component's condition, a rating, expected replacement date, and estimated replacement cost. Maintenance costs for Police facilities are traditionally high because of the 24 hour operation and the nature of the facilities being the second most costly facilities, the first being hospitals.

These projects will be completed over the next number of years.

By improving and increasing the sustainability of our facilities we are improving financial investment, sustainability and accountability (Strategic Direction #4)



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Facilities Infrastructure/Rehabilitation****FUNDED**PROFILE NUMBER: **12-60-1856**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,529	-	-	-	-	-	-	-	-	-	-	2,529
	2012 CBS Budget Adjustment	1,013	-	-	-	-	-	-	-	-	-	-	1,013
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	602	-	-	-	-	-	-	-	-	-	-	602
	2014 Cap Carry Forward	-72	72	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	565	-	-	-	-	-	-	-	-	-	565
	Current Approved Budget	4,072	637	-	-	-	-	-	-	-	-	-	4,709
	Approved Funding Sources												
	Pay-As-You-Go	3,647	72	-	-	-	-	-	-	-	-	-	3,719
	Pay-As-You-Go - Police	425	565	-	-	-	-	-	-	-	-	-	990
	Current Approved Funding Sources	4,072	637	-	-	-	-	-	-	-	-	-	4,709

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,072	637	-	-	-	-	-	-	-	-	-	4,709
	Requested Funding Source												
	Pay-As-You-Go	3,647	72	-	-	-	-	-	-	-	-	-	3,719
	Pay-As-You-Go - Police	425	565	-	-	-	-	-	-	-	-	-	990
	Requested Funding Source	4,072	637	-	-	-	-	-	-	-	-	-	4,709

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	565	-	-	-	-	-	-	-	-	-	565
	Design	-72	72	-	-	-	-	-	-	-	-	-	-
	Other Costs	4,144	-	-	-	-	-	-	-	-	-	-	4,144
	Total	4,072	637	-	-	-	-	-	-	-	-	-	4,709

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HELICOPTER REPLACEMENT - SINGLE ENGINE**  
 PROFILE: **15-60-1402**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	D/C Brian Simpson
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LEAD BRANCH MANAGER:	D/C Brian Simpson
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Protection		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,470</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,470</b>

**PROFILE DESCRIPTION**

This capital project covers the renewal one EPS helicopter at end of life. The new aircraft will need to meet EPS endorsed service standards at locations outside city centre with more power and safety features to meet its mandate. The Helicopter Flight Operations Unit (HFOU) program is considered to be an essential core service of the EPS. Ability for ground units to rely on the helicopter to assist in critical situations has become a routine part of how the EPS operates and responds to incidents such as Curb the Danger Calls, police pursuits, disasters and other more routine calls. This capital project covers the replacement of one EPS helicopter at end of life with a unit providing additional capabilities and functionality. The original aircraft was purchased used in 2001 and has conformed to required maintenance schedules. Optional equipment such as the Forward Looking Infrared, NightSun and microwave downlink will require replacement to be compatible with the new aircraft.

**PROFILE BACKGROUND**

The Helicopter Flight Operations Unit (HFOU) is responsible for providing aerial intelligence support to operational ground personnel. The City Centre Airport provided a central location that minimized response times from the ground to less than 5 minutes. The program is now operating from Villeneuve Airport and response times have increased to 12 to 14 minutes. This more than doubles response time and reduces the ability of the HFOU to respond in times of critical need.

The program expects to be in the air 1,700 hours annually and to be available for emergent needs a further 2,625 hours. In 2013, HFOU was in the air 1,611 hours. This covers the most high demand times for the provision of assistance to ground units.

**PROFILE JUSTIFICATION**

From a policing perspective, the HFOU safely manages police pursuits, rapidly and efficiently responds to calls for service, monitors "hot spots" for suspicious activity, assists other civic and regional partners in times of disaster and fires, and assists with missing persons searches. Consequently, increased public and officer safety; as well as, increased operational efficiency and effectiveness is accomplished.

If the HFOU program was curtailed or cancelled, an aerial advantage would be lost that could not be replicated by more officers on the ground. The ability to respond quickly, see in the dark and relay timely information can only be delivered with the speed and technology that a police helicopter delivers. The HFOU program will continue to be a core police program for the metropolitan Edmonton area.

The helicopter was expected to have a life cycle of approximately 9 years. Continuing high levels of maintenance services have kept these units in good working order.

**STRATEGIC ALIGNMENT**

When considering the HFOU connection to the "Ways", the program and its supporting capital assets primarily connect to:  
The Way We Live – Increased ability to police utilizing all available resources to meet critical demands and create a safe city.

**ALTERNATIVES CONSIDERED**

The EPS could continue to operate the program with two single engine aircraft accepting an increasingly reduced level of service and increased level of risk; or with one single and one twin aircraft accepting the loss of capacity and functionality.

Option 1: Retain single engine helicopters but replace one. This is the Council approved option.

Option 2: Sell both single engine helicopters (Air 2 initially as it has a higher trade-in value and then Air 1); purchase two twin engine models (Air 3 and 4).

Option 3: Purchasing one twin helicopter immediately, evaluate the model and then in 2019 requesting the second twin helicopter. Original EPS recommendation.

Net present value analysis indicates that there is no significant difference to replacing either of the existing units now or in four years. An upgraded single will be more expensive to operate than the existing unit but will provide more functionality. This unit will also be louder than the current singles.

# CAPITAL PROFILE REPORT

Profile Page 2

## COST BENEFITS

The HFOU program is an essential core EPS service. The program is highly valued; it aligns with case law and legislation relative to ethically leading pursuit policies; it is a force multiplier; and significantly mitigates risk to public and officer safety. Timeliness of response is a critical success factor and a delay of even a few minutes can impact on performance significantly. Locations within the City will assist to achieve that factor.

## KEY RISKS & MITIGATING STRATEGY

A risk assessment identified many high level risks; including an inability to resolve police pursuits safely to avoid liability to the City. The EPS would abandon most police pursuits in this case and would incur more liability as a result.

## RESOURCES

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

Continuing evaluation and information will be provided to Council as per their request in Q1 2015.

## CONCLUSIONS AND RECOMMENDATIONS

The City Council approved option is to replace one single engine model with an upgraded single engine helicopter. This is contingent on the additional information requested by Council in Q1 2015.

## CONTINGENCY OF APPROVAL

Police Helicopter – Information and Analysis  
December 11, 2014 - City Council Meeting

1. That a Capital Profile be added and funded in the amount of \$3.47 million to fund acquisition of one single-engine helicopter with funding from MSI.
2. That expenditure of such funds be subject to a report from Edmonton Police Commission, through Committee to Council in the first quarter of 2015 outlining:
  - a) comprehensive information on how the single engine unit will be stored, maintained and operated, and
  - b) a thorough examination of the pros and cons of the EC130, the AC350 and any other comparable models, with special consideration to noise levels and sound character.

Edmonton Police Commission  
Due By: Feb 23, 2015, CS Committee

Contingency met: 23/03/2015

Report received by the Community Services Committee on March 23rd, 2015 for information. Report approved for information by Council on April 14th, 2015. No follow-up is required.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Helicopter Replacement - single engine****FUNDED**PROFILE NUMBER: **15-60-1402**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Current Approved Budget	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Current Approved Funding Sources	-	3,470	-	-	-	-	-	-	-	-	-	3,470

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Requested Funding Source	-	3,470	-	-	-	-	-	-	-	-	-	3,470

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	3,470	-	-	-	-	-	-	-	-	-	3,470
	Total	-	3,470	-	-	-	-	-	-	-	-	-	3,470

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Investigative Support Bureau	-	275	275	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>275</b>	<b>275</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PUBLIC SAFETY RADIO NETWORK**  
 PROFILE: **15-60-1444**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brock Kahanyshyn
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	10,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,000
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**PROFILE DESCRIPTION**

The Public Safety Radio Network (15-60-1444 – Migration) project covers the migration of the City of Edmonton Public Safety Public Service Radio System (PSPSRS) from the legacy EDACS network to a new P25 700MHz Alberta First Responder's Radio Communications System (AFRRCS) network. This project captures capital investments required to transition the City of Edmonton radio network users to the AFRRCS network. This capital project, although put forward by Edmonton Police Service (EPS) as the primary user, is a City multi-department project benefiting all participating departments.

Fire Rescue Services, Alberta Health Services and the EPS are considered the primary first responder agencies utilizing the new AFRRCS. As a result of negotiations with the province, the migration to the provincial radio system is expected to be cost neutral - there will be no increase in operating costs to the City.

**PROFILE BACKGROUND**

In 1995, the City of Edmonton began operating its Public Safety Radio System (PSRS) for Police, Fire and Ambulance. In 2003, City of Edmonton public service departments joined the PSRS and the system became known as the Public Safety and Public Service Radio System (PSPSRS). Edmonton Transit joined in 2009.

The radio system provides two-way radio voice communication from the downtown core to a distance of approximately 10 kilometers outside the city boundary. There are approximately 6,200 users of the system. The radio system is managed by the EPS with oversight and governance provided by the PSPSRS Management Committee representing most of the City's large user groups.

EPS is the largest user at over 44.1% of the system usage and ETS the second largest at 18.6%. The radio system is critical for communicating between city employees and between departments, and for coordinating activities when responding to serious incidents. This is a key system for employee safety.

**PROFILE JUSTIFICATION**

The current radio system was constructed in 1995-96 and will be end-of-life in 2017. Increasing maintenance costs and obsolescence of the current equipment requires that the system be wholly replaced. The AFRRCS network is owned and managed by The Alberta Solicitor General, and will be used province-wide by all First Responder agencies as well as various non-First Responder agencies. This profile represents the City's cost to transition EPS to the AFRRCS network, once made available to City of Edmonton (currently scheduled for use by July 2016).

This system is a mission critical communications method for police and other public safety agencies. High system availability is necessary to ensure reliable communications that is directly tied to officer and public safety. This renewal will replace all core radio system components including the system backup with new standards based digital technology, under the Alberta Government's AFRRCS initiative.

**STRATEGIC ALIGNMENT**

This project supports the achievement of the corporate outcome of a Safe City under the Way We Live; and safeguards assets under the Way We Finance. Under the Way We Grow, this profile provides for sustainable infrastructure supporting the whole City

# CAPITAL PROFILE REPORT

Profile Page 2

## ALTERNATIVES CONSIDERED

The existing radio system has served public safety (PS) and non-public safety (NPS) users well since 1995. The manufacture of the current generation of radio equipment ceased between March 2009 and March 2010. Multiple system components, and many of the user radios, are at or near end of life. The City risks irreparable failure of core system components, potentially resulting in the unavailability of mission-critical services with minimal alternate means of radio communications. Critical spares from the system vendor have been procured to extend the life of the current radio system until 2017.

Three main options were considered:

- Shared System: City Public Safety and NPS migrate to a new shared City-owned (and operated) replacement radio system.
- Split System: City PS organizations migrate to AFRRCS while City NPS organizations migrate to a new City-owned (and operated) replacement radio system
- Provincial Radio System: Both City PS and NPS organizations migrate to AFRRCS

## COST BENEFITS

The costs are estimated at a level of accuracy of  $\pm 20\%$  as this is at the detailed design phase.

The primary desired outcome of this capital project is to ensure the reliability and dependability of the city wide radio network for day to day operations for first responders and for all other City departments on the system.

Negotiations with the province has resulted in an expected cost neutral outcome for on-going operations.

## KEY RISKS & MITIGATING STRATEGY

The City will be at a high level of risk should this infrastructure fail and the City has not means to dispatch and support City Staff including Police and Fire. Medium risks include inability to command and control operations and system failure.

## RESOURCES

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

A project team of mixed internal and external resources will be required to complete this project.

## CONCLUSIONS AND RECOMMENDATIONS

The existing PSPSRS is at end of life in 2017 and must be replaced. After a comprehensive analysis and assessment of options, all City radio system partners intend to migrate to the AFRRCS network when available (estimated for July 2016).

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Public Safety Radio Network****FUNDED**PROFILE NUMBER: **15-60-1444**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Current Approved Budget	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Approved Funding Sources												
	Pay-As-You-Go	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Current Approved Funding Sources	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Requested Funding Source												
	Pay-As-You-Go	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Requested Funding Source	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000
	Total	-	6,000	2,300	1,700	-	-	-	-	-	-	-	10,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DIGITAL ASSET MANAGEMENT SYSTEM**  
 PROFILE: **15-60-1493**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brock Kahanyshyn
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	7,338
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	7,338
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**PROFILE DESCRIPTION**

This project proposes to implement an enterprise information management system and protocol to organize data into a consistent, easily searchable format that will reduce unproductive time spent searching for documents and slow the growth of data storage requirements for the EPS. This is a necessary support for a major business change for data management of all information sources from office documents to digital exhibits.

Over the last several years, the rate of growth of electronic data based on storage requirements has been up to 35% annually. CCTV images have required approximately an annual 10% increase while DVD storage of evidence is increasing approximately 17%. At these growth rates, the network is adding at least 164 terabytes of data annually. This trend is expected to continue and escalate as more information is stored electronically. This project intends to reverse this growth trend and provide structure for data management.

**PROFILE BACKGROUND**

The EPS is an intelligence-based organization, like many other organizations in today's information driven society. The EPS is facing issues with the current methods of information management of unstructured data (photos, videos, administrative documents, emails, etc.) within the organization. Unstructured data is stored in an inconsistent manner which is to say there is no rigid taxonomy and retention schedules followed for the archiving of information.

The EPS currently manages over 1.2 petabytes of data. To provide some understanding of how much data, a petabyte is equivalent to 20 million four-drawer filing cabinets filled with text or 13.3 years of HD-TV video. Consider those 20 million file cabinets or HD-TV shows but with no clear path or roadmap to find or access them when needed.

The management of unstructured data using the current processes & technology is causing substantial risk to the organization.

**PROFILE JUSTIFICATION**

There are several issues that are facing the EPS related to data management that this project will address:

**Long term Storage Requirements**

Based upon current storage growth analysis & projected costs, without a more mature storage and management of unstructured data, it is estimated that the EPS will be spending \$26.5M annually by 2024 on storage alone, and require an additional 27 staff.

**Employee Productivity**

- Estimated productivity loss of 53,625 hours a year due to searching for documents

**FOIP Compliance for Unstructured Data**

- Properly manage information access (Section 38 of FOIP)
- Ensure proper retention of operational and administrative data (Section 35 of FOIP)
- Fully disclose information to a FOIP request (Section 10 of FOIP)

**Full legal obligations for disclosure to Crown - now to be strictly in electronic format**

- Current archive storage medium degradation
- High storage volume requirements
- Support ability to determine available information

**STRATEGIC ALIGNMENT**

This project aligns with the City of Edmonton "Ways" as follows.

- The Way We Finance – Increased productivity of police administrative functions will lead to a more efficient and productive support function for police



# CAPITAL PROFILE REPORT

## ALTERNATIVES CONSIDERED

Alternatives 1 & 2 would both improve support for disclosure, retention, sharing and information management

Alternative 1: Commercial Asset Management Solution

Benefits

- Faster implementation & lower Total Cost of Ownership

Drawbacks

- Less customizable to the specific needs of the EPS.

Alternative 2: Create Custom Digital Asset Management Solution

Benefits

- Custom designed to current EPS requirements

Drawbacks

- Implementation team would be substantially larger and require more time
- More expensive to maintain and more effort to update

Alternative 3: Status Quo

Benefits

- No upfront capital expenditure, however continuing costs for server capacity

Drawbacks

- Inability to meet FOIP compliance for unstructured data
- Inability to properly disclose archive evidence
- Issues with employee productivity
- Additional annual operational costs & resources of approx. \$1.4 million
- Productivity will continue to worsen

## COST BENEFITS

This project is at a preliminary design level and is estimated at +/- 20% accuracy. This will link the structured data in the Police Records Management System to unstructured data held separately.

Productivity and cost avoidance of increased server space is anticipated to be \$2.0 million annually. Cost of operating the system are anticipated to be \$1.22 million annually achieving conservatively increased efficiencies of \$0.78 million.

## KEY RISKS & MITIGATING STRATEGY

High Risk - Will this solution be cost-effective - Ensure early measurement of current state and thorough estimate of post-implementation costs

Moderate Risk - Will the EPS support this large change? - Ensure good change mgmt and communication plan

## RESOURCES

Implementation Resourcing

- 1 Project Manager (External)
- 3 Business Analysts (Mix)
- 3 System Analysts (Mix)
- 2 Records Techs (Internal)

## CONCLUSIONS AND RECOMMENDATIONS

Based on the productivity and other benefits related to FOIP and disclosure compliance, the EPS recommends implementing a Digital Asset Management solution.

Based on speed, continuing support and cost an off the shelf product is recommended.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Digital Asset Management System****FUNDED**PROFILE NUMBER: **15-60-1493**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Current Approved Budget	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Approved Funding Sources												
	Pay-As-You-Go	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Current Approved Funding Sources	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Requested Funding Source												
	Pay-As-You-Go	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Requested Funding Source	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338
	Total	-	3,396	2,396	1,148	398	-	-	-	-	-	-	7,338

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	985	985	2.0	-	235	235	2.0	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>985</b>	<b>985</b>	<b>2.0</b>	-	<b>235</b>	<b>235</b>	<b>2.0</b>	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TELECOM LIFE CYCLE**  
 PROFILE: **CM-60-1419**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **D/C Danielle Campbell**  
 LEAD BRANCH MANAGER: **Brock Kahanyshyn**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,481</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,481</b>

**PROFILE DESCRIPTION**

The CM-60-1419 (Telecom Lifecycle) composite capital project is used to operate and maintain the infrastructure of the Edmonton Police Service's (EPS) internal and public-facing communications systems. This project complements the Radio Life Cycle Equipment composite project (CM-60-1425) as part of the telecommunications program.

This composite project operates and maintains the infrastructure of three main technologies:

1. Landline telephone systems including voicemail
2. 911 Public Safety Answering Point (PSAP) telephone systems
3. Video conferencing

For the 2015-2018 budget cycle, lifecycle and replacement activities for the aforementioned telecom systems are expected to require capital composite project funding of \$4.481M.

Over the next 3-4 years, the Government of Alberta will be working to create province-wide standards, processes and procedures for 911 call taking to provide consistent service delivery across the province that may require new 911 systems.

**PROFILE BACKGROUND**

Telecommunications technology is an enabler for improved communication and effectiveness that allows the EPS to be successful in the delivery of policing services to the citizens of Edmonton. Work performed by the members of the EPS begins as a call for service by citizens through our network of communications infrastructure and equipment which provides a critical point of contact for the public.

The 911 system in particular provides a direct link for assistance at points when people are most vulnerable and in need of assistance.

**PROFILE JUSTIFICATION**

Telecommunications technology is an enabler for improved communication and effectiveness that allows EPS to be successful in the delivery of policing services to the citizens of Edmonton. Work performed by the members of EPS begins as a call for service by citizens through a network of communications infrastructure and equipment. These systems make up a network which provides a critical point of contact for the public. The EPS maintains all systems to a high standard to ensure longevity. Renewing with new technologies will allow EPS to keep pace with current needs, while developing a more integrated, capable, and updated communication infrastructure that will be required for the future.

EPS is actively involved with the provincial initiative to standardize processes and policies for the delivery of 911 services to the public. It is anticipated that this initiative will result in the need to upgrade current systems to meet new requirements and expectations.

**STRATEGIC ALIGNMENT**

Providing appropriate stewardship of critical assets to ensure their useful life is achieved or extended and through those assets ensuring that EPS front line staff are able to police Edmonton effectively and efficiently.

# CAPITAL PROFILE REPORT

## ALTERNATIVES CONSIDERED

Option 1 (recommended): Replace and/or upgrade telecommunication equipment and infrastructure as per life cycle

Benefits include:

- Increased ability to rely on communications standards
- Maintain equipment and ensure continuing functionality and capacity
- Enable anticipated productivity savings

Impacts and/or anticipated outcomes:

- Risk of communications and/or equipment failure significantly reduced
- Equipment maintained in optimum condition.

Option 2: Status Quo

Benefit is:

- No increase in operating costs until equipment is no longer supported in the near future

Impacts however include:

- Risk to public safety significantly higher
- Technical obsolescence of existing equipment highly likely leading to increased risk of communication system failures related to 911 systems, telephone equipment and videoconferencing
- Potential non-compliance to anticipated new provincial standards for delivery of 911 services

## COST BENEFITS

The primary desired outcome of this capital project is to ensure the reliability and dependability of the EPS telephone and 911 networks for day to day operations and to aim to continuously improve the network for cost and efficiency.

## KEY RISKS & MITIGATING STRATEGY

High Risk associated to using outdated telecommunications systems Impacts include:

- Reduced or lost ability to perform mandated and necessary policing tasks
- Loss of critical and/or sensitive organizational information and intelligence.

## RESOURCES

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

## CONCLUSIONS AND RECOMMENDATIONS

Needs for upgraded and replacement technology infrastructure within the EPS are assessed and reviewed by the EPS Information Technology Strategy Committee to determine their value offset by cost and other factors related to implementation.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Telecom Life Cycle****FUNDED**PROFILE NUMBER: **CM-60-1419**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481
	Current Approved Budget	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481
	Approved Funding Sources												
	Pay-As-You-Go	-	-	350	-	526	-	-	-	-	-	-	876
	Pay-As-You-Go - Police	-	-	-	1,805	1,800	-	-	-	-	-	-	3,605
	Current Approved Funding Sources	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481
	Requested Funding Source												
	Pay-As-You-Go	-	-	350	-	526	-	-	-	-	-	-	876
	Pay-As-You-Go - Police	-	-	-	1,805	1,800	-	-	-	-	-	-	3,605
	Requested Funding Source	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481
	Total	-	-	350	1,805	2,326	-	-	-	-	-	-	4,481

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	130	130	1.0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>130</b>	<b>130</b>	<b>1.0</b>	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICE IT - INFRASTRUCTURE SUSTAINMENT**  
 PROFILE: **CM-60-1433**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **EPS Capital**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brock Kahanyshyn
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Protection
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Major Initiative:
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	9,743
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	9,743
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**PROFILE DESCRIPTION**

This composite program encompasses various initiatives to ensure high availability and operability of mission-critical police operational systems. These initiatives include lifecycle management and best practices.

**1. Lifecycle Management**

Each technology deployed at the EPS has a limited life span. Obsolescence and succession planning of these technologies ensures future capability and reliability.

**2. Best Practice**

Best practices are used to maintain quality. EPS IT best practices encompass the many frameworks and processes that are used to efficiently and effectively accomplish IT tasks.

For this period, the EPS will be renewing technology infrastructure related to mobile workstations in vehicles, network, server and storage hardware, and software utilized for infrastructure operations including authentication and overall system management.

**PROFILE BACKGROUND**

Information Technology Branch's (ITB) server, storage and network infrastructures provide state-of-the-art IT resources, innovative technologies, and an array of IT services and support. The IT strategic planning process provides the blueprint for building out a stable, accessible IT infrastructure.

The foundation of the Information Technology Branch's service delivery model is based on two basic principles that align with the core mission of the EPS:

- Ensure the Availability, Security and Integrity of Existing Information Technology Systems.
- Develop, Promote and Implement Effective Technology in Support of Business Strategy.

**PROFILE JUSTIFICATION**

Police maintain their own information technology networks including the mobile data terminals in police vehicles, desktop and laptop computers, servers, storage area networks and firewalls among other hardware equipment. These assets require regular replacement to ensure their continuing functionality and capacity.

The EPS has a significant investment in Information Technology. In order to maintain the value of that investment, active requirements planning and formal project management is employed. Security and availability of police information is a top priority and must be maintained for officer safety, organization liability, and business continuity/resiliency purposes. In order to meet these requirements, Information technologies are implemented using a combination of hardware and software. These components require ongoing upgrades and enhancements as the EPS work environment becomes more technologically complex and information requirements increase.

**STRATEGIC ALIGNMENT**

Support to the "Ways" as follows:

- The Way We Live – Increased ability to support policing functions to meet critical demands and create a safe city;
- The Way We Finance - Stewardship of assets to ensure they are well-managed and sustainable

# CAPITAL PROFILE REPORT

## ALTERNATIVES CONSIDERED

Renewal projects of this type have only one alternative - delay renewal and accept that maintenance costs will increase and reliability will decrease.

The City of Edmonton has a new governance model for technology investments. The Information Technology Investment Committee (ITIC) has developed a set of criteria to determine the greatest needs across the organization. The EPS has been a part of this committee and other various subcommittees as technology projects have been scrutinized.

EPS renewal or sustainment projects have been considered under the same terms as other City technology projects. Internally, the EPS also has its IT Strategy Committee which vets all projects to determine that they are delivering a high degree of value to the organization. This committee is similar in mandate and design to other departmental committees pursuing the same objective - a wise investment in technology.

## COST BENEFITS

The primary desired outcome of this capital project is to ensure the reliability and dependability of the EPS network for day to day operations and to aim to continuously improve the network for cost and efficiency. As a first responder agency, reliability of the network for operations related to human and natural catastrophic events is a critical requirement.

## KEY RISKS & MITIGATING STRATEGY

High Risks:

Operational Safety

Failure to ensure that appropriate mechanisms, processes, and equipment are available.

Technology and Systems

Risks associated with technology and systems that are not available, unreliable, or costly to maintain

## RESOURCES

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

This plan for replacement of existing infrastructure is expected to add some additional operating costs.

## CONCLUSIONS AND RECOMMENDATIONS

Upgraded and replacement technology infrastructure within the EPS are assessed and reviewed by the EPS IT Strategy Committee to determine their value to the EPS offset by their cost and other factors. Business need is a primary consideration.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Police IT - Infrastructure Sustainment****FUNDED**PROFILE NUMBER: **CM-60-1433**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Current Approved Budget	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Approved Funding Sources												
	Pay-As-You-Go	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Current Approved Funding Sources	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Requested Funding Source												
	Pay-As-You-Go	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Requested Funding Source	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743
	Total	-	3,325	3,095	1,723	1,600	-	-	-	-	-	-	9,743

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	120	120	-	-	130	130	1.0	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	120	120	-	-	130	130	1.0	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICE IT - APPLICATIONS SUSTAINMENT**  
 PROFILE: **CM-60-1460**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **D/C Danielle Campbell**

LEAD BRANCH MANAGER: **Brock Kahanyshyn**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2024**

Service Category: **Protection**

Major Initiative:

**GROWTH**

**RENEWAL**  
**100**

PREVIOUSLY APPROVED:

**8,320**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**8,320**

**PROFILE DESCRIPTION**

This composite project (renewal project CM-60-1460) encompasses various initiatives that maintain the capability of EPS software applications and systems deployed in support of police operations. The focus over the next four years will see the continued leverage of technologies that realize organizational efficiencies and further enhance the intelligent analysis of existing data and information sources. This will require the ability to identify, implement and support new applications, tools and techniques in an agile and timely manner.

**PROFILE BACKGROUND**

Given the changing needs and priorities of operational policing, coupled with the dynamic nature of IT applications, the ability to effectively identify and implement relevant IT projects requires an agile funding model.

Supporting dedicated capital funding for IT applications provides a realistic and supportable funding model that the EPS has the capability and capacity to manage. Capital funding allows the EPS to respond to emergent needs in a coordinated and consistent manner, and ensure that the development of the EPS application portfolio is responsive to policing needs. It would also help to sustain the momentum and benefits already realized.

**PROFILE JUSTIFICATION**

The focus of IT-related capital investment has shifted over time. The initial emphasis was on building the infrastructure necessary to support the communication and application systems. Once a stable and robust foundation was in place, the focus changed to the provision of operational systems that supported front-line members. This included the upgrade of the CAD (Computer Aided Dispatch) System, the replacement of the operational RMS (Records Management System – EPROS) and the investment in business intelligence tools that mine the data available from the CAD and RMS systems.

This plan expresses that the EPS will continue to focus efforts on the development and upgrades of the EPROS Gateway, mobile computing environment, On Line Reporting, application modernization and business intelligence and analysis suites. Both EPROS Gateway and Business Intelligence business requirements align with improving EPS abilities to target "Hot Spots" for criminal activity and traffic safety.

**STRATEGIC ALIGNMENT**

Support to the "Ways" as follows:

- The Way We Live – Increased ability to support policing functions to meet critical demands and create a safe city;
- The Way We Grow – Increased quality of service delivery through increased productivity;

**ALTERNATIVES CONSIDERED**

Renewal projects of this type have only one alternative - delay renewal and accept that maintenance costs will increase and reliability will decrease.

**COST BENEFITS**

The aim of projects under consideration is to leverage the abilities of the front line and support staff to continue expected levels of productivity and minimize labour-intensive manual processes.

Other outcomes include:

- Better meet requests for intelligence and other information
- Effectively collaborate internally and externally for information sharing.
- Assist with crime management by providing the tools needed to do the job.

**KEY RISKS & MITIGATING STRATEGY**

The key risks for these types of projects include the ability to gather user requirements and develop solutions that will be cost effective and usable. Change management processes are critical to success.

**RESOURCES**

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Upgraded and replacement application technology infrastructure within the EPS are assessed and reviewed by the IT Strategy Committee to determine value to the EPS offset by their cost and other factors. Business need is a primary consideration.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Police IT - Applications Sustainment****FUNDED**PROFILE NUMBER: **CM-60-1460**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Current Approved Budget	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Approved Funding Sources												
	Pay-As-You-Go	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Current Approved Funding Sources	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Requested Funding Source												
	Pay-As-You-Go	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Requested Funding Source	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320
	Total	-	2,711	1,385	1,874	2,350	-	-	-	-	-	-	8,320

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	450	450	2.5	-	363	363	2.5	-	120	120	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>450</b>	<b>450</b>	<b>2.5</b>	-	<b>363</b>	<b>363</b>	<b>2.5</b>	-	<b>120</b>	<b>120</b>	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **POLICE IT - APPLICATIONS ENHANCEMENT**  
 PROFILE: **CM-60-1461**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brock Kahanyshyn
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	1,705
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,705
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**PROFILE DESCRIPTION**

This composite project (growth project CM-60-1461) encompasses various initiatives that enhance the capability of EPS software applications and systems deployed in support of police operations. The focus over the next four years will see the continued leverage of technologies that realize organizational efficiencies and further enhance the intelligent analysis of existing data and information sources. This will require the ability to identify, implement and support new applications, tools and techniques in an agile and timely manner.

For this period, the EPS will be advancing projects related to continuity and disaster planning, automating various administrative functions currently done manually if at all, and implementing an e-ticketing function for traffic tickets.

Projects considered for inclusion are identified by business users working with IT. Assessment and prioritization of the individual projects will be undertaken through the EPS IT Strategy Committee.

**PROFILE BACKGROUND**

Given the changing needs and priorities of operational policing, coupled with the dynamic nature of IT applications, the ability to effectively identify and implement relevant IT projects requires an agile funding model.

The EPS, in conjunction with internal business owners, continues to identify new business requirements and emergent technology that will add value to operations.

Supporting dedicated capital funding for IT applications provides a realistic and supportable funding model that the EPS has the capability and capacity to manage. Capital funding allows the EPS to respond to emergent needs in a coordinated and consistent manner, and ensure that the development of the EPS application portfolio is responsive to policing needs. It would also help to sustain the momentum and benefits already realized.

**PROFILE JUSTIFICATION**

EPS Information Technology continues to assist the organization to determine technology that will lead to productivity gains. Automating internal processes where it is deemed to provide advantage as well as providing new functionalities. Consideration is being given to increasing mobile applications to the members to the records management system, dispatch and enabling management of mobile devices; radio frequency identification for inventory management; software for EPS Continuity Planning and disaster recovery from the business side; among others.

Practically this means the EPS will be able to:

- Better meet requests for intelligence and information from its systems;
- Effectively collaborate and share information, both internally and externally;
- Provide timely responses to public interactions;
- Assist with crime management by equipping front line officers with the tools and administrative support systems they need to do their jobs; and
- Respond effectively to disasters

**STRATEGIC ALIGNMENT**

Support to the "Ways" as follows:

- The Way We Live – Increased ability to support policing functions to meet critical demands and create a safe city;
- The Way We Grow – Increased quality of service delivery through increased productivity;

**ALTERNATIVES CONSIDERED**

The EPS can continue to use paper based or other manual systems to accomplish the same functionality. This would be more labour intensive and result in continuing decreases in productivity and potentially non-compliance to government standards.

# CAPITAL PROFILE REPORT

## COST BENEFITS

The aim of all projects under consideration is to leverage the abilities of the front line and support staff of the EPS to be more productive and minimize labour-intensive manual processes.

Each project will be assessed to determine its ability to deliver positive value to the EPS in the long term. Productivity gains, timely availability of information and compliance with external and internal standards are primary considerations.

## KEY RISKS & MITIGATING STRATEGY

The key risks for these types of projects include the ability to gather user requirements and develop solutions that will be cost effective and usable. Change management processes are critical to success as is gathering benchmark information.

## RESOURCES

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors

## CONCLUSIONS AND RECOMMENDATIONS

Upgraded and replacement application technology infrastructure within the EPS are assessed and reviewed by the IT Strategy Committee to determine their value to the EPS offset by their cost and other factors. Business need is a primary consideration

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Police IT - Applications Enhancement****FUNDED**PROFILE NUMBER: **CM-60-1461**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	530	-	950	225	-	-	-	-	-	-	1,705
	Current Approved Budget	-	530	-	950	225	-	-	-	-	-	-	1,705
	Approved Funding Sources												
	Pay-As-You-Go	-	530	-	950	225	-	-	-	-	-	-	1,705
	Current Approved Funding Sources	-	530	-	950	225	-	-	-	-	-	-	1,705

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	530	-	950	225	-	-	-	-	-	-	1,705
	Requested Funding Source												
	Pay-As-You-Go	-	530	-	950	225	-	-	-	-	-	-	1,705
	Requested Funding Source	-	530	-	950	225	-	-	-	-	-	-	1,705

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	530	-	950	225	-	-	-	-	-	-	1,705
	Total	-	530	-	950	225	-	-	-	-	-	-	1,705

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Police Service	-	170	170	-	-	326	326	-	-	288	288	-	-	-	-	-
<b>Total Operating Impact</b>	-	170	170	-	-	326	326	-	-	288	288	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SECURITY EQUIPMENT LIFE CYCLE**  
 PROFILE: **CM-60-1600**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brock Kahanyshyn
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Protection
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	3,575
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,575
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**PROFILE DESCRIPTION**

This composite renewal capital project, CM-60-1600 Security Equipment Lifecycle, encompasses the life cycle replacement and upgrade of security equipment to address security vulnerabilities, technical obsolescence and equipment reliability.

There are two main groups of security equipment expected to be managed by the EPS in this period:

- Access control infrastructure (readers, control panels, network switches etc)
- Closed Circuit Television (CCTV) infrastructure (cameras, encoders, storage area networks, DVD burners, racks, display computers etc)

**PROFILE BACKGROUND**

This profile is a composite profile detailing equipment life cycle renewal and replacement projects to maintain EPS security equipment in good to very good condition.

**PROFILE JUSTIFICATION**

The EPS has completed a financial and technical assessment for the evergreening of access control hardware. This is an internal security project to deliver:

- Continuation of existing security service levels and standards including retention mandated by Provincial standards
- Improved security by eliminating existing vulnerabilities associated to old hardware
- Greater functionality and improved efficiency from new technology hardware and software upgrades

The project will ensure that EPS safeguards the safety of officers, staff and citizens through the appropriate use and deployment of cost effective security equipment.

There are 275 readers and control panels in use in EPS facilities. Core servers will be replaced on a 5-year lifecycle, beginning in 2018.

The existing CCTV networks will require life cycle replacement beginning in 2015 based on a 5 year life cycle. This will include the hard costs of the equipment and the Storage Area Network for image storage.

**STRATEGIC ALIGNMENT**

The Way We Finance – Security of police operations assists with stewardship of EPS assets;

The Way We Live – Increased ability to support policing functions to meet critical demands and create a safe city;

**ALTERNATIVES CONSIDERED**

Renewal projects have only one alternative - delay renewal or replacement of major components.

**COST BENEFITS**

Physical and technological security provides a secure working environment for staff and for the public. This keeps secure policing records to support public safety. Regular upgrades eliminate areas of weakness and vulnerability.

**KEY RISKS & MITIGATING STRATEGY**

The key risk faced is the increased vulnerability of EPS facilities and other infrastructure including the ability to maintain officer, staff and public safety within its facilities/ systems and inability to meet provincial standards for retention.

**RESOURCES**

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

The EPS recommends that funding be provided as required to ensure an appropriate life cycle replacement schedule for its security equipment. The Security Management Branch will lead the ongoing replacement activities in this capital budget profile.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Security Equipment Life Cycle****FUNDED**PROFILE NUMBER: **CM-60-1600**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Current Approved Budget	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Approved Funding Sources												
	Pay-As-You-Go	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Current Approved Funding Sources	-	120	145	310	3,000	-	-	-	-	-	-	3,575

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Requested Funding Source												
	Pay-As-You-Go	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Requested Funding Source	-	120	145	310	3,000	-	-	-	-	-	-	3,575

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	120	145	310	3,000	-	-	-	-	-	-	3,575
	Total	-	120	145	310	3,000	-	-	-	-	-	-	3,575

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VEHICLE REPLACEMENTS**  
 PROFILE: **CM-60-1765**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	D/C Danielle Campbell
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LEAD BRANCH MANAGER:	Brian Kisilevich
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Protection
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Major Initiative:
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	23,588
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	23,588
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**PROFILE DESCRIPTION**

This renewal capital project CM-60-1765 Vehicle Replacements describes the planned replacement for the police fleet of marked, unmarked and specialty vehicles including the costs related to outfitting the vehicles with police specific equipment such as mobile data workstations, radios and light bars.

**PROFILE BACKGROUND**

The EPS comprises 735 vehicles of various types and utility. Life cycles are determined by a combination of years of service and mileage.

**PROFILE JUSTIFICATION**

Patrol vehicles are very much a frontline officer's office – their workplace. It needs to be reliable, efficiently organized and capable of being the workhorse of the patrol function to get a member to calls, enforce traffic safety and transport prisoners when required. The vehicle is a strategic organizational tool for the EPS.

In 2013, the EPS conducted a review of its overall fleet to determine best use of these assets. A reduction of 24 vehicles was made as a result. This review will guide future vehicle growth and usage and allow the EPS to manage its fleet to best effect.

Replacement of fleet vehicles involves not only the vehicle itself but switching over the technology and radios from the original vehicle to the next and outfitting the vehicle with lights and other equipment such as cages for the backseat. Life cycle replacement of radios and computers are covered by other capital replacement projects.

**STRATEGIC ALIGNMENT**

Supports: Well-managed & sustainable assets; Safe & Clean City; Infrastructure that supports the police to provide civic & community needs.

**ALTERNATIVES CONSIDERED**

The only option available from planned replacement would be to replace when there is a failure to the vehicle.

**COST BENEFITS**

Anticipated outcomes of replacing the fleet in a fiscally and operationally responsible manner includes: The ability to maintain the reliability of the fleet, replacement with more fuel-efficient models and types, and increased officer satisfaction.

**KEY RISKS & MITIGATING STRATEGY**

The EPS expects to continue with a life cycle replacement program that will mitigate all identified risks including: operational, health & safety, equipment, liability and litigation risks.

**RESOURCES**

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile intends to continue the life cycle replacement of the Edmonton Police Service fleet based on the approved life cycle plan. This plan will proceed on an on-going basis and will be managed by the EPS Fleet Management Branch.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Vehicle Replacements****FUNDED**PROFILE NUMBER: **CM-60-1765**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,966	5,226	5,473	5,629	-	-	-	-	-	-	21,294
	2015 Cap Council	-	2,294	-	-	-	-	-	-	-	-	-	2,294
	Current Approved Budget	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588
	Approved Funding Sources												
	Pay-As-You-Go - Police	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588
	Current Approved Funding Sources	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588
	Requested Funding Source												
	Pay-As-You-Go - Police	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588
	Requested Funding Source	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	5,320	5,226	5,473	5,629	-	-	-	-	-	-	21,648
	Other Costs	-	1,940	-	-	-	-	-	-	-	-	-	1,940
	Total	-	7,260	5,226	5,473	5,629	-	-	-	-	-	-	23,588

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SPECIALIZED POLICE EQUIPMENT**  
 PROFILE: **CM-60-1771**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Police Service**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Police Service**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Composite
PROFILE MANAGER:	D/C Danielle Campbell
LEAD BRANCH MANAGER:	D/C Danielle Campbell
ESTIMATED START:	January, 2015
ESTIMATED COMPLETION:	December, 2018

Service Category: Protection		Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	1,100
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	1,100

**PROFILE DESCRIPTION**

Purchase of equipment to replace assets that have reached the end of their economic and/or functional life.

**PROFILE BACKGROUND**

This profile is a composite profile detailing equipment life cycle renewal and replacement projects to maintain Police Specialized equipment in good to very good condition. The purchases are funded from the Edmonton Police Service (EPS) Operating Budget but meet the Tangible Capital Assets (TCA) criteria, therefore, as per the accounting standard, the expenditure is capitalized.

**PROFILE JUSTIFICATION**

EPS equipment is managed to minimize its life cycle cost taking into account maintenance, operating and replacement costs. This replacement program is required to achieve that goal.

**STRATEGIC ALIGNMENT**

Aligns to the corporate outcomes "The City of Edmonton has sustainable and accessible infrastructure" and "Edmonton is a safe city" as EPS replaces and upgrades vehicles & equipment to meet the technology requirement.

**ALTERNATIVES CONSIDERED**

Renewal projects have only one alternative - delay renewal or replacement of major components.

The only option available from planned replacement would be to replace when there is an equipment failure. This option accepts the risk of critical failure of infrastructure and the potential disruption to the workforce and to the public. The costs associated with an emergency repair and the impact on operations would be substantial and could include critical losses of functionality and capabilities. Reactive repairs/replacements could be more costly due to neglected maintenance and scheduled replacements.

Specialized equipment utilized by Police generally has a long delivery time from order. Waiting until a critical failure occurs could mean that equipment is unavailable for several months. Routine evergreening is a risk mitigation strategy to ensure that the equipment necessary for officer and public safety is always available.

**COST BENEFITS**

The primary desired outcome of this capital project is to ensure the reliability and dependability of Police Specialized equipment for day to day operations. Cost and efficiency are prime considerations when determining the life cycle and replacement equipment to be purchased.

**KEY RISKS & MITIGATING STRATEGY**

High Risks:  
 Operational Safety  
 Failure to ensure that appropriate mechanisms, processes, and equipment are available.  
 Technology and Systems  
 Risks associated with technology and systems that are not available, unreliable, or costly to maintain

**RESOURCES**

The EPS will conform to all City of Edmonton procurement policies and procedures for securing materials, supplies, equipment and contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

The EPS recommends that this profile be approved. This profile is a mechanism to recognize as assets the equipment purchased by the EPS through its approved Operating Budget. Previously approved operating funds will be transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Specialized Police Equipment****FUNDED**PROFILE NUMBER: **CM-60-1771**PROFILE TYPE: **Composite**BRANCH: **Edmonton Police Service**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Current Approved Budget	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Approved Funding Sources												
	Pay-As-You-Go - Police	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Current Approved Funding Sources	-	1,100	-	-	-	-	-	-	-	-	-	1,100

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Requested Funding Source												
	Pay-As-You-Go - Police	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Requested Funding Source	-	1,100	-	-	-	-	-	-	-	-	-	1,100

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	1,100	-	-	-	-	-	-	-	-	-	1,100
	Total	-	1,100	-	-	-	-	-	-	-	-	-	1,100

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL WOODS BRANCH RELOCATION & EXPANSION**  
 PROFILE: **03-20-0019**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Griener J.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2004
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
50

RENEWAL
50

PREVIOUSLY APPROVED:	21,281
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	21,281
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**PROFILE DESCRIPTION**

Scope: This project identifies funding for land, design (Silver LEED standard), construction, furniture and equipment and library material costs for a 25,000 square foot standalone facility in the vicinity of the Mill Woods Towne Centre. The current severely undersized leased facility is inadequate and a new building will enable the library to meet the standards of a large community branch which serves over 85,000 citizens, including a growing aboriginal and multicultural population and the highest youth population in Edmonton. Increased space will meet citizens high usage of library materials in this community (third highest borrowing rate in Edmonton) with over 630,000 visits in 2010.

**Timelines:**

2011 - Land purchase and design.

2012/13 - Construction and furniture/equipment acquisition.

Dependencies: This project is linked to the Mill Woods Seniors Centre capital project # 11-20-2080 (Community Services Department).

**PROFILE JUSTIFICATION**

The Mill Woods Branch was established in 1982 and moved to its current smaller location in the Mill Woods Town Centre in 1988. The lease on that space expires in 2011. Some furnishings still date back to the opening of the branch. Consequently, there will still be many furnishings in the branch that will be at least 28 years old by 2010. In addition, as a result of two moves, the shelving has been stabilized on an interim basis through the addition of bracing but will need to be replaced.

The relocated and expanded space will enable the Mill Woods Branch to meet the needs of the population of the Mill Woods Traffic District which, at over 85,000, is the equivalent of a medium-sized Alberta city. In addition, the adjacent Meadows Traffic District is projected to grow by approximately 15,000 over the next 20 years. While the in-house usage and circulation of library materials have increased by approximately 16% since 2000, visits to the branch have increased by 55% since 2000 while the number of information questions asked by citizens increased by 258% over the same period. In 2010 alone, 26,000 people of all ages attended a wide range of programs offered at the branch. A visit to the branch will reveal large numbers of people using materials in-house and extremely high usage of internet stations, electronic resources and word processing. Levels of activity at the branch are expected to increase in the years to come.

To fulfill its role as a district branch, more space is required for collections, programs, and service desks, as well as welcoming spaces where customers can read, listen and visit. The branch relocation and expansion project, from 12,800 to 25,000 square feet, will also provide space for expansion of collections to the size, depth and breadth required to fulfill its role as a district branch.

**Areas of Alignment:**

1. City Council Priorities: a) Preserve, celebrate and support Edmonton's Heritage, arts and culture, b) Enhance social connectedness for all citizens, c) Improve community engagement and participation, and, d) Reduce barriers to participation in library activities.
2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.

**Impacts of not proceeding:**

- Higher construction costs in the future.
- Higher operating and maintenance costs.
- Lost savings due to forgone or delayed energy efficiency gains of a new building.
- Inability to maintain library services in existing Mill Woods community.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Woods Branch Relocation & Expansion****FUNDED**PROFILE NUMBER: **03-20-0019**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	36,023	-	-	-	-	-	-	-	-	-	-	36,023
	2007 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2008 CBS Budget Adjustment	1	-	-	-	-	-	-	-	-	-	-	1
	2009 CBS Budget Adjustment	-1,775	-	-	-	-	-	-	-	-	-	-	-1,775
	2010 CBS Budget Adjustment	-8,795	-	-	-	-	-	-	-	-	-	-	-8,795
	2011 CBS Budget Adjustment	-1,910	-	-	-	-	-	-	-	-	-	-	-1,910
	2012 CBS Budget Adjustment	-8,746	-	-	-	-	-	-	-	-	-	-	-8,746
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	8,847	-	-	-	-	-	-	-	-	-	-	8,847
	2014 Cap Carry Forward	-6,515	6,515	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-2,346	-	-	-	-	-	-	-	-	-	-	-2,346
	2014 SCBA Within Dept <\$250K	-3	-	-	-	-	-	-	-	-	-	-	-3
	2015 Cap Council	-	-15	-	-	-	-	-	-	-	-	-	-15
	Current Approved Budget	14,781	6,500	-	-	-	-	-	-	-	-	-	21,281
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	14,333	6,400	-	-	-	-	-	-	-	-	-	20,733
	Pay-As-You-Go	448	100	-	-	-	-	-	-	-	-	-	548
	Current Approved Funding Sources	14,781	6,500	-	-	-	-	-	-	-	-	-	21,281

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	14,781	6,500	-	-	-	-	-	-	-	-	-	21,281
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	14,333	6,400	-	-	-	-	-	-	-	-	-	20,733
	Pay-As-You-Go	448	100	-	-	-	-	-	-	-	-	-	548
	Requested Funding Source	14,781	6,500	-	-	-	-	-	-	-	-	-	21,281

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-6,515	6,515	-	-	-	-	-	-	-	-	-	-
	Other Costs	21,419	-	-	-	-	-	-	-	-	-	-	21,419
	Percent for Art	-123	-15	-	-	-	-	-	-	-	-	-	-138
	Total	14,781	6,500	-	-	-	-	-	-	-	-	-	21,281

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	4	4	-	-	4	4	-	-	4	4	-	-	4	4	-
Total Operating Impact	-	4	4	-	-	4	4	-	-	4	4	-	-	4	4	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CLAREVIEW BRANCH LIBRARY**  
 PROFILE: **06-20-0002**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Griener J.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2007
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Recreation & Culture		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,494</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,494</b>

**PROFILE DESCRIPTION**

Scope: This project includes funding for land, design (Silver LEED standard), construction, furniture and equipment and library material costs for a new 18,000 sq. ft. medium sized community branch to be built in Clareview. This project is part of a joint use facility development in Clareview which includes the Clareview Recreational Facility and Catholic School Board Completion Centre.

## Timelines:

2011 - Design

2012/13 - Construction and furniture/equipment acquisition.

The expected asset life is 40 years and the debenture financing term will be 15 years.

**PROFILE JUSTIFICATION**

A new branch in the Clareview area has been planned for some time. While this area continues to experience some growth, it is largely well developed. However owing to natural and manmade barriers it is isolated and library services are not easily accessible as in other parts of the city. This project compliments work planned by Community Services in developing park and recreational facilities in the area.

The Library Board's "New Branch Development Criteria" states that a branch is required in an area with a population of 20,000 which is projected to grow to 30,000-35,000 within the next five years, and where there is no branch library within 4-5 km. As of 2000, this criteria has been met.

## Areas of Alignment:

1. City Council Priorities: a) Preserve, celebrate and support Edmonton's Heritage, arts and culture, b) Enhance social connectedness for all citizens, c) Improve community engagement and participation, and, d) Reduce barriers to participation in library activities.
2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.

## Impacts of not proceeding:

- Inability to provide library services in existing communities and new communities in Edmonton.
- Risk of higher construction costs in the future.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA #21-Administrative

EPL earned an additional \$377,000 in interest revenue on the Major Communities Facilities grant that was received for the Clareview Branch Library project. This additional revenue was used to fund project expenses in 2014. A budget adjustment request of \$377,000 is being requested to increase the Other Provincial Grant funding and lower the Tax Supported Debt funding by the same. The overall effect on the project budget is \$0.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Clareview Branch Library****FUNDED**PROFILE NUMBER: **06-20-0002**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	35,728	-	-	-	-	-	-	-	-	-	-	35,728
	2007 CBS Budget Adjustment	-2,686	-	-	-	-	-	-	-	-	-	-	-2,686
	2008 CBS Budget Adjustment	-4,235	-	-	-	-	-	-	-	-	-	-	-4,235
	2009 CBS Budget Adjustment	2,100	-	-	-	-	-	-	-	-	-	-	2,100
	2010 CBS Budget Adjustment	-7,485	-	-	-	-	-	-	-	-	-	-	-7,485
	2011 CBS Budget Adjustment	-6,680	-	-	-	-	-	-	-	-	-	-	-6,680
	2012 CBS Budget Adjustment	444	-	-	-	-	-	-	-	-	-	-	444
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-574	-	-	-	-	-	-	-	-	-	-	-574
	2014 Cap Carry Forward	-2,229	2,229	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-2,118	-	-	-	-	-	-	-	-	-	-	-2,118
	Current Approved Budget	12,265	2,229	-	-	-	-	-	-	-	-	-	14,494
	Approved Funding Sources												
	Developer Financing	152	198	-	-	-	-	-	-	-	-	-	350
	Munc Sustain. Initiative - MSI	3,609	-	-	-	-	-	-	-	-	-	-	3,609
	Other Grants - Provincial	5,377	-	-	-	-	-	-	-	-	-	-	5,377
	Pay-As-You-Go	27	-31	-	-	-	-	-	-	-	-	-	-4
	Tax-Supported Debt	3,100	2,062	-	-	-	-	-	-	-	-	-	5,162
	Current Approved Funding Sources	12,265	2,229	-	-	-	-	-	-	-	-	-	14,494

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	12,265	2,229	-	-	-	-	-	-	-	-	-	14,494
	Requested Funding Source												
	Developer Financing	152	198	-	-	-	-	-	-	-	-	-	350
	Munc Sustain. Initiative - MSI	3,609	-	-	-	-	-	-	-	-	-	-	3,609
	Other Grants - Provincial	5,377	-	-	-	-	-	-	-	-	-	-	5,377
	Pay-As-You-Go	27	-31	-	-	-	-	-	-	-	-	-	-4
	Tax-Supported Debt	3,100	2,062	-	-	-	-	-	-	-	-	-	5,162
	Requested Funding Source	12,265	2,229	-	-	-	-	-	-	-	-	-	14,494

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,229	2,229	-	-	-	-	-	-	-	-	-	-
	Other Costs	14,579	-	-	-	-	-	-	-	-	-	-	14,579
	Percent for Art	-85	-	-	-	-	-	-	-	-	-	-	-85
	Total	12,265	2,229	-	-	-	-	-	-	-	-	-	14,494

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	30	30	-	-	31	31	-	-	7	7	-	-	8	8	-
Total Operating Impact	-	30	30	-	-	31	31	-	-	7	7	-	-	8	8	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **JASPER PLACE BRANCH RENEWAL & EXPANSION**  
 PROFILE: **07-20-0027**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Griener J.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2008
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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<b>GROWTH</b>	<b>RENEWAL</b>
	<b>100</b>

<b>PREVIOUSLY APPROVED:</b>	<b>13,986</b>
<b>BUDGET REQUEST:</b>	<b>-</b>
<b>TOTAL PROFILE BUDGET:</b>	<b>13,986</b>

**PROFILE DESCRIPTION**

Scope: This branch requires replacement and an expansion of 4,000 square feet to meet the 15,000 square foot standard of a medium community branch. Major repairs to the sinking structural slab are required, despite measures taken in 2002 as part of an engineering study, and again in 2004. Additionally, expanded program room and meeting space will allow the library to meet expectations and standards for programming, community meeting and study space.

Timeline: 2011 - Design  
 2011/12 - Construction and Furniture/Equipment Acquisition

**PROFILE JUSTIFICATION**

The Jasper Place Branch, at approximately 11,000 square feet, is extremely crowded and does not meet the standard for medium-sized community branches. Consequently, it is too small given its growing volume of business, which includes approximately 237,000 visits a year.

In recent years a residential development on what was formerly the Meadowlark Mall property has severely reduced library parking. Expansion of parking space would more appropriately meet current and future needs.

The Jasper Place Branch currently serves a population of approximately 58,000 (Traffic District 5, Jasper Place). It is projected that this population will not change in any substantial way (including in terms of age distribution) through the period ending 2030. In light of the construction of the new Lois Hole Library in Callingwood and the restrictions of the Jasper Place site, it is appropriate to expand the branch to 15,000 sq. ft. and add 30 public parking stalls. This will enable the Library to re-focus the role of the Jasper Place Branch as a medium-sized community branch by providing it with the capacity to comfortably hold collections and provide customers with spaces to sit, read and study, as well as have an appropriately sized and equipped program room.

**Areas of Alignment:**

1. City Council Priorities: a) Preserve, celebrate and support Edmonton's Heritage, arts and culture, b) Enhance social connectedness for all citizens, c) Improve community engagement and participation, and, d) Reduce barriers to participation in library activities.
2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.

**Impacts of not proceeding:**

- Higher construction costs in the future.
- Higher operating and maintenance costs for existing buildings since they are at the end of their useful life, have a higher risk of building component failure.
- Lost savings due to forgone or delayed energy efficiency gains of new or renovated buildings.
- Inability to maintain library services in existing communities.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA #21- Administrative

A budget adjustment to increase Pay as You Go and reduce Tax-supported Debt by \$30,000 is being requested to correct the budget on this project. Actual funding for this project has been applied correctly but prior budget adjustments were applied incorrectly. The overall effect on the project budget is \$0

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Jasper Place Branch Renewal & Expansion****FUNDED**PROFILE NUMBER: **07-20-0027**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	26,464	-	-	-	-	-	-	-	-	-	-	26,464
	2009 CBS Budget Adjustment	-197	-	-	-	-	-	-	-	-	-	-	-197
	2010 CBS Budget Adjustment	-5,779	-	-	-	-	-	-	-	-	-	-	-5,779
	2011 CBS Budget Adjustment	-4,424	-	-	-	-	-	-	-	-	-	-	-4,424
	2012 CBS Budget Adjustment	-5,370	-	-	-	-	-	-	-	-	-	-	-5,370
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,372	-	-	-	-	-	-	-	-	-	-	3,372
	2014 Cap Carry Forward	-1,333	1,333	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-80	-	-	-	-	-	-	-	-	-	-	-80
	2015 Cap Capital Budget Adj (one-off)	-	1,333	-	-	-	-	-	-	-	-	-	1,333
	2015 Cap Release to Corp Pool	-	-1,333	-	-	-	-	-	-	-	-	-	-1,333
	Current Approved Budget	12,653	1,333	-	-	-	-	-	-	-	-	-	13,986
	Approved Funding Sources												
BUDGET REQUEST	Pay-As-You-Go	31	-	-	-	-	-	-	-	-	-	-	31
	Tax-Supported Debt	12,622	1,333	-	-	-	-	-	-	-	-	-	13,955
	Current Approved Funding Sources	12,653	1,333	-	-	-	-	-	-	-	-	-	13,986

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	12,653	1,333	-	-	-	-	-	-	-	-	-	13,986
	Requested Funding Source												
	Pay-As-You-Go	31	-	-	-	-	-	-	-	-	-	-	31
	Tax-Supported Debt	12,622	1,333	-	-	-	-	-	-	-	-	-	13,955
	Requested Funding Source	12,653	1,333	-	-	-	-	-	-	-	-	-	13,986

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,333	1,333	-	-	-	-	-	-	-	-	-	-
	Other Costs	14,066	-	-	-	-	-	-	-	-	-	-	14,066
	Percent for Art	-80	-	-	-	-	-	-	-	-	-	-	-80
	Total	12,653	1,333	-	-	-	-	-	-	-	-	-	13,986

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGHLANDS BRANCH RENEWAL**  
 PROFILE: **08-20-0028**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Griener J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,528</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,528</b>

**PROFILE DESCRIPTION**

Scope: The Highlands Library branch, which is at the end of its expected life (1963 vintage), requires replacement. The exterior envelope, interior finishing, fire protection and utility infrastructure are in poor to fair condition and require updating to today's standards. The program room, located in the basement of the facility, is not universally accessible to citizens with limited mobility or families with strollers. Purchase of additional land will allow especially needed parking expansion.

Timeline: 2011 - Design and demolition of existing site  
 2011/13 - Construction and Furniture/Equipment Acquisition

**PROFILE JUSTIFICATION**

Despite ongoing maintenance, the Highlands Branch (constructed in 1963) is an aging building and in need of many renovations to overcome physical and mechanical limitations, as well as improve the provision of service to the public. Renovations to the building are expected to solve problems related to:

- Accessibility issues regarding the basement meeting/program room
- A staff workspace that does not facilitate effective workflow
- Aging and worn shelving in need of replacement and re-positioning to facilitate the development/expansion of services and collections meeting local needs
- Aging and worn furnishings
- A customer service desk not designed to accommodate current technologies

**Areas of Alignment:**

1. City Council Priorities: a) Preserve, celebrate and support Edmonton's Heritage, arts and culture, b) Enhance social connectedness for all citizens, c) Improve community engagement and participation, and, d) Reduce barriers to participation in library activities.
2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.

**Impacts of not proceeding:**

- Higher construction costs in the future.
- Higher operating and maintenance costs for existing buildings since they are at the end of their useful life, have a higher risk of building component failure.
- Lost savings due to forgone or delayed energy efficiency gains of new or renovated buildings.
- Inability to maintain library services in existing communities and provide service in new communities in Edmonton.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Highlands Branch Renewal****FUNDED**PROFILE NUMBER: **08-20-0028**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	13,585	-	-	-	-	-	-	-	-	-	-	13,585
	2009 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2010 CBS Budget Adjustment	-906	-	-	-	-	-	-	-	-	-	-	-906
	2011 CBS Budget Adjustment	-3,223	-	-	-	-	-	-	-	-	-	-	-3,223
	2012 CBS Budget Adjustment	-4,433	-	-	-	-	-	-	-	-	-	-	-4,433
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	4,553	-	-	-	-	-	-	-	-	-	-	4,553
	2014 Cap Carry Forward	-676	676	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-51	-	-	-	-	-	-	-	-	-	-	-51
	2014 SCBA Within Dept <\$250K	3	-	-	-	-	-	-	-	-	-	-	3
	Current Approved Budget	8,852	676	-	-	-	-	-	-	-	-	-	9,528
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	8,731	676	-	-	-	-	-	-	-	-	-	9,407
	Pay-As-You-Go	121	-	-	-	-	-	-	-	-	-	-	121
	Current Approved Funding Sources	8,852	676	-	-	-	-	-	-	-	-	-	9,528

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,852	676	-	-	-	-	-	-	-	-	-	9,528
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	8,731	676	-	-	-	-	-	-	-	-	-	9,407
	Pay-As-You-Go	121	-	-	-	-	-	-	-	-	-	-	121
	Requested Funding Source	8,852	676	-	-	-	-	-	-	-	-	-	9,528

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-121	-	-	-	-	-	-	-	-	-	-121
	Equip FurnFixt	-676	797	-	-	-	-	-	-	-	-	-	121
	Other Costs	9,576	-	-	-	-	-	-	-	-	-	-	9,576
	Percent for Art	-48	-	-	-	-	-	-	-	-	-	-	-48
	Total	8,852	676	-	-	-	-	-	-	-	-	-	9,528

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CALDER BRANCH RELOCATION DESIGN / LAND**  
 PROFILE: **08-20-0030**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Griener J.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2010
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	11,160
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,160
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**PROFILE DESCRIPTION**

Scope: This project identifies land, design, construction and fit-up for the relocation of the Calder Library from its current leased space of 5,330 square feet to a 10,000 square foot library branch. The current lease expires in October 2014, and ongoing building issues, such as floods, roof leaks, worn HVAC system and cross-contamination from neighboring businesses accentuate the need for a new space. The branch is unable to meet the demands for study and community meeting space, and its current size limits the library's ability to provide programming space, adequate collections, seating, and the full range of library services offered at other branches in the city.

Timeline: 2012 - Land and Design

2015-2017 - Construction and furniture/equipment acquisition

Dependencies - This project is linked to the City purchasing the Wellington Surplus school site. In addition, the city has identified other projects that are directly linked to the Wellington school site:

- Multi-cultural facility
- Possible Drainage Pond
- Preservation of existing sports field

**PROFILE JUSTIFICATION**

The current rental facility in which the Calder Branch is located is subject to a number of problems. These include flooding issues, roof leaks, a worn HVAC system and cross-contamination from neighboring businesses.

Relocation to a 10,000 sq. ft. facility will resolve these issues and enable Calder to meet the needs of this growing and increasingly diverse community, thereby achieving the standard for small community branches. Of the long established communities in Edmonton, Calder is one of the very few that has been projected to continue growing over the 27-year period of 2003-2030. The population is expected to grow by 9,668, or 44 per cent. At its current size of 5,320 sq. ft. the branch is unable to meet public demand and needs for collections, study and community meeting space. Additionally, insufficient space hinders its ability to provide services and programs. In support of the relocation, library collections will be upgraded to meet increasing demands. New workspaces for staff will resolve workflow issues and enhance ability to provide quality service to the public.

Areas of Alignment:

1. City Council Priorities: The Way We Live -- Improve Edmonton's livability by building vibrant communities; connecting Edmontonians to the services they need and providing its people services so that they are accessible and available to Edmontonians.
2. Library Board Strategic Goals: a) Strengthening neighbourhoods and communities; b) Open, safe and inspiring physical spaces; c) Delivering efficient and effective services

Impacts of not proceeding:

- Higher construction costs in the future.
- Higher operating and maintenance costs.
- Inability to provide library services in existing communities.

**CHANGES TO APPROVED PROFILE**

#68 Financing Changes. MSI Grant (\$1,500). General Financing from Millwoods for MSI ineligible costs. General Financing from Library Rehab/Renewal for MSI ineligible costs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Calder Branch Relocation Design / Land****FUNDED**PROFILE NUMBER: **08-20-0030**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,000	-	-	-	-	-	-	-	-	-	-	4,000
	2010 CBS Budget Adjustment	-1,950	-	-	-	-	-	-	-	-	-	-	-1,950
	2012 CBS Budget Adjustment	-2,037	-	-	-	-	-	-	-	-	-	-	-2,037
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,037	-	-	-	-	-	-	-	-	-	-	2,037
	2014 Cap Carry Forward	-1,735	1,735	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-	4,773	4,377	-	-	-	-	-	-	-	-	9,150
	2015 Cap Council	-	-40	-	-	-	-	-	-	-	-	-	-40
	Current Approved Budget	315	6,468	4,377	-	-	-	-	-	-	-	-	11,160
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	5,487	3,203	-	-	-	-	-	-	-	-	8,690
	Pay-As-You-Go	315	981	1,174	-	-	-	-	-	-	-	-	2,470
	Current Approved Funding Sources	315	6,468	4,377	-	-	-	-	-	-	-	-	11,160

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	315	6,468	4,377	-	-	-	-	-	-	-	-	11,160
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	5,487	3,203	-	-	-	-	-	-	-	-	8,690
	Pay-As-You-Go	315	981	1,174	-	-	-	-	-	-	-	-	2,470
	Requested Funding Source	315	6,468	4,377	-	-	-	-	-	-	-	-	11,160

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,735	6,344	4,293	-	-	-	-	-	-	-	-	8,902
	Design	-	164	84	-	-	-	-	-	-	-	-	248
	Other Costs	2,050	-	-	-	-	-	-	-	-	-	-	2,050
	Percent for Art	-	-40	-	-	-	-	-	-	-	-	-	-40
	Total	315	6,468	4,377	-	-	-	-	-	-	-	-	11,160

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LIBRARY FACILITIES REHAB. / RENEWAL**  
 PROFILE: **09-20-0048**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Griener J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,796</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,796</b>

**PROFILE DESCRIPTION**

Scope: Various buildings, dating to the 1960 vintage, are approaching the end of their service life, and require rehabilitation and renewal, along with safety and security upgrades. Key areas that will be addressed with this project include: roofing, HVAC, window replacement, electrical and security upgrades, and parking lot resurfacing.

Timeline: 2012 - Completion of mechanical, parking lot, security systems and electrical upgrades at various library locations.

#68 Financing Changes. MSI Grant from Calder (\$100). General Financing to Calder (\$100).

#13-34: Recognize the use of Grant Funding and EPL Reserves. The adjustment records an increase in expenditures to used for the renovation and implementation of a customer service area at the Whitemud Crossing Library. A Community Spirit grant was provided to allow for this project to proceed.

**PROFILE JUSTIFICATION**

The Edmonton Public Library currently operates seventeen libraries throughout the City of Edmonton. The age of existing EPL facilities range from 98 years old (Strathcona) to new sustainable buildings (Lois Hole Library). As libraries experience higher than normal public usage, this increased occupancy shortens standard life expectancies of many key components of the facilities. In order to protect and preserve the facility assets of the EPL, constant rehabilitation and renewal is required.

Areas of Alignment:

1. City Council Priorities: The Way We Live -- Improve Edmonton's livability by building vibrant communities; connecting Edmontonians to the services they need and providing its people services so that they are accessible and available to Edmontonians.
2. Library Board Strategic Goals: a) Strengthening neighbourhoods and communities; b) Open, safe and inspiring physical spaces; c) Delivering efficient and effective services

Impacts of not proceeding:

- Higher construction costs in the future.
- Higher operating and maintenance costs.
- Inability to provide library services in existing communities.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Library Facilities Rehab. / Renewal****FUNDED**PROFILE NUMBER: **09-20-0048**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,839	-	-	-	-	-	-	-	-	-	-	4,839
	2009 CBS Budget Adjustment	-549	-	-	-	-	-	-	-	-	-	-	-549
	2010 CBS Budget Adjustment	-256	-	-	-	-	-	-	-	-	-	-	-256
	2011 CBS Budget Adjustment	-1,235	-	-	-	-	-	-	-	-	-	-	-1,235
	2012 CBS Budget Adjustment	-1,645	-	-	-	-	-	-	-	-	-	-	-1,645
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,945	-	-	-	-	-	-	-	-	-	-	2,945
	2014 Cap Carry Forward	-197	197	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-300	-	-	-	-	-	-	-	-	-	-	-300
	2014 SCBA >\$1MM or New	-2,003	-	-	-	-	-	-	-	-	-	-	-2,003
	Current Approved Budget	1,599	197	-	-	-	-	-	-	-	-	-	1,796
	Approved Funding Sources												
	Developer Financing	437	-	-	-	-	-	-	-	-	-	-	437
	Munc Sustain. Initiative - MSI	194	-	-	-	-	-	-	-	-	-	-	194
	Other	16	-	-	-	-	-	-	-	-	-	-	16
	Other Grants - Provincial	88	-	-	-	-	-	-	-	-	-	-	88
	Other Reserve	391	-	-	-	-	-	-	-	-	-	-	391
	Pay-As-You-Go	360	197	-	-	-	-	-	-	-	-	-	557
	Pay-As-You-Go - Library	113	-	-	-	-	-	-	-	-	-	-	113
	Current Approved Funding Sources	1,599	197	-	-	-	-	-	-	-	-	-	1,796

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,599	197	-	-	-	-	-	-	-	-	-	1,796
	Requested Funding Source												
	Developer Financing	437	-	-	-	-	-	-	-	-	-	-	437
	Munc Sustain. Initiative - MSI	194	-	-	-	-	-	-	-	-	-	-	194
	Other	16	-	-	-	-	-	-	-	-	-	-	16
	Other Grants - Provincial	88	-	-	-	-	-	-	-	-	-	-	88
	Other Reserve	391	-	-	-	-	-	-	-	-	-	-	391
	Pay-As-You-Go	360	197	-	-	-	-	-	-	-	-	-	557
	Pay-As-You-Go - Library	113	-	-	-	-	-	-	-	-	-	-	113
	Requested Funding Source	1,599	197	-	-	-	-	-	-	-	-	-	1,796

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,200	197	-	-	-	-	-	-	-	-	-	-2,003
	Design	-100	-	-	-	-	-	-	-	-	-	-	-100
	Other Costs	3,899	-	-	-	-	-	-	-	-	-	-	3,899
	Total	1,599	197	-	-	-	-	-	-	-	-	-	1,796

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CAPILANO BRANCH RELOCATION**  
 PROFILE: **11-20-0038**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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87
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RENEWAL
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13
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PREVIOUSLY APPROVED:	11,807
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,807
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**PROFILE DESCRIPTION**

The Capilano Branch project includes land, design, construction and fit up costs for the relocation of an existing leased second floor space of 9,557 square feet to a new 10,000 square foot branch. The current lease expires in May 2017. A standalone branch will be more accessible and functional than the existing second floor mall location. Schematic design will be complete by the end of 2014 and City land has been identified for the branch location. EPL is now requesting project funding for the completion of the project in the 2015-2018 capital budget. The following is the proposed timeline for the construction of this library branch:

2013/14 - Schematic Design

2015 - Land Purchase and detailed design

2016/17 - Construction and Furniture/Equipment Acquisition

**PROFILE BACKGROUND**

The Capilano Branch Relocation project was first presented to City Council in the 2009-2011 capital budget. As part of the 2012-2014 capital budget process, City Council approved \$325,000 in funding for the schematic design of the Capilano branch. In addition, EPL has obtained an agreement in principle from City Administration to relocate the Capilano branch to the old Fire Station location (67 Street 101 Avenue). This is the EPL Board's first priority for the 2015-2018 capital budget.

**PROFILE JUSTIFICATION**

The Capilano Branch was last renovated in 1999 and is located on the second floor of the Capilano Mall in a leased space. The branch is accessible only by elevator and steep side stairs. Although population projections indicate that the Capilano catchment area will remain fairly stable over the next 20 years, improved access and visibility are required and can be achieved in a more functional 10,000 sq. ft. standalone facility. Frequent outages of the elevator to the space have seriously impacted access by customers, internal delivery service personnel, contractors and vendors. The current space includes an undersized program room which does not meet demands for programming or community meeting space. Space for study and technology needs to be expanded to better meet community needs. Impacts of not proceeding: higher construction costs in the future, higher operating and maintenance costs and inability to provide library services delivered at other branches across EPL.

**STRATEGIC ALIGNMENT**

Improve Edmonton's livability by building vibrant communities; connecting Edmontonians to the services they need and providing its people services so that they are accessible and available to Edmontonians.

**ALTERNATIVES CONSIDERED**

One alternative is to continue to provide services out of the present leased space. This will likely result in ongoing challenges with accessibility, visibility and awareness of library services in the community.

**COST BENEFITS**

The Library has undertaken a cost/benefit analysis of building a library facility versus leasing space. The analysis shows that it is more favorable to build versus leasing. Ownership provides control over location, costs and building use/function in delivering services.

**KEY RISKS & MITIGATING STRATEGY**

Risk - Cost escalation; Mitigating Strategy - Scrutiny of costs, use of City project management guidelines for cost escalation and contingencies.

**RESOURCES**

This project would be tendered and the management of the project would be undertaken by the City of Edmonton Project Management and Maintenance Services together with EPL Management. The facility fit-up will be undertaken by EPL.

**CONCLUSIONS AND RECOMMENDATIONS**

The Library Board supports constructing a branch to replace the existing leased space. This will best meet the needs of the Library and Capilano community through a more cost effective service delivery model for customers.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Capilano Branch Relocation****FUNDED**PROFILE NUMBER: **11-20-0038**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	325	-	-	-	-	-	-	-	-	-	-	325
	2012 CBS Budget Adjustment	-325	-	-	-	-	-	-	-	-	-	-	-325
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	325	-	-	-	-	-	-	-	-	-	-	325
	2014 Cap Budget Request for Next Cycle	-	2,014	4,836	4,633	-	-	-	-	-	-	-	11,482
	2014 Cap Carry Forward	-267	267	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807
	Approved Funding Sources												
	Pay-As-You-Go	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807
	Current Approved Funding Sources	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807
	Requested Funding Source												
	Pay-As-You-Go	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807
	Requested Funding Source	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	4,450	3,041	-	-	-	-	-	-	-	7,490
	Design	58	1,199	386	235	-	-	-	-	-	-	-	1,878
	Equip FurnFixt	-	-	-	838	-	-	-	-	-	-	-	838
	Land	-	1,051	-	-	-	-	-	-	-	-	-	1,051
	Percent for Art	-	31	-	33	-	-	-	-	-	-	-	64
	Technology	-	-	-	486	-	-	-	-	-	-	-	486
	Total	58	2,281	4,836	4,633	-	-	-	-	-	-	-	11,807

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, General Costs

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Public Library	-	52	52	-	-	3	3	-	-	4	4	-	-	4	4	-
Total Operating Impact	-	52	52	-	-	3	3	-	-	4	4	-	-	4	4	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IT INFRASTRUCTURE RENEWAL**  
 PROFILE **12-20-0050**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Griener J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,694</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,694</b>

**PROFILE DESCRIPTION**

Scope : Ongoing funding is required to maintain the Library's existing data network infrastructure, servers and storage and backup equipment which support the library's office and business applications, public service internet / wireless services and the library's self-service checkin/out systems. This project identifies IT infrastructure renewal needs for replacement of key components supporting the self service checkout and checkin services, introduced through the 2006-2008 RFID initiative.

#13-34: Recognize the use of donations funding. This adjustment is required to record externally donated funding for a new library lending machine at the Grant MacEwan University.

**PROFILE JUSTIFICATION**

The Library relies on its technology infrastructure to provide core services to customers and to support its internal operations. Since installation was completed in 2008, the RFID system has enabled EPL to respond to a 38% increase in circulation activity without increasing staffing levels. Failure to replace hardware related to core business processes in a timely fashion will increase the risk of failure and result in adverse impacts on service to Library customers and staff.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **IT Infrastructure Renewal****FUNDED**PROFILE NUMBER: **12-20-0050**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,319	-	-	-	-	-	-	-	-	-	-	4,319
	2012 CBS Budget Adjustment	-881	-	-	-	-	-	-	-	-	-	-	-881
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,066	-	-	-	-	-	-	-	-	-	-	1,066
	2014 Cap Carry Forward	-497	497	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-810	-	-	-	-	-	-	-	-	-	-	-810
	Current Approved Budget	3,197	497	-	-	-	-	-	-	-	-	-	3,694
	Approved Funding Sources												
	Other	185	-	-	-	-	-	-	-	-	-	-	185
BUDGET REQUEST	Pay-As-You-Go	3,012	497	-	-	-	-	-	-	-	-	-	3,509
	Current Approved Funding Sources	3,197	497	-	-	-	-	-	-	-	-	-	3,694

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,197	497	-	-	-	-	-	-	-	-	-	3,694
	Requested Funding Source												
	Other	185	-	-	-	-	-	-	-	-	-	-	185
	Pay-As-You-Go	3,012	497	-	-	-	-	-	-	-	-	-	3,509
	Requested Funding Source	3,197	497	-	-	-	-	-	-	-	-	-	3,694

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	4,504	-	-	-	-	-	-	-	-	-	-	4,504
	Technology	-1,307	497	-	-	-	-	-	-	-	-	-	-810
	Total	3,197	497	-	-	-	-	-	-	-	-	-	3,694

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LIBRARY FURNITURE AND EQUIPMENT**  
 PROFILE: **12-20-0052**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Martinez P.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>1,386</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>1,386</b>

**PROFILE DESCRIPTION**

Scope: This project identifies annual library furniture and equipment (including vehicles and library shelving) capital expenditures previously recorded in the Edmonton Public Library operating budget. With recent changes in Public Sector Accounting Board (PSAB) financial reporting standards these expenditures are now recorded as capital expenditures and funded through Edmonton Public Library funding sources.

Transfer of compliant tangible capital assets from operating to capital.

-Vehicals

-Library shelving

**PROFILE JUSTIFICATION**

To meet financial reporting standards of PSAB 3150.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Library Furniture and Equipment****FUNDED**PROFILE NUMBER: **12-20-0052**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	777	-	-	-	-	-	-	-	-	-	-	777
	2012 CBS Budget Adjustment	-161	-	-	-	-	-	-	-	-	-	-	-161
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	161	-	-	-	-	-	-	-	-	-	-	161
	2014 Cap Carry Forward	-130	130	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	609	-	-	-	-	-	-	-	-	-	-	609
	Current Approved Budget	1,256	130	-	-	-	-	-	-	-	-	-	1,386
	Approved Funding Sources												
	Pay-As-You-Go - Library	1,256	130	-	-	-	-	-	-	-	-	-	1,386
	Current Approved Funding Sources	1,256	130	-	-	-	-	-	-	-	-	-	1,386

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,256	130	-	-	-	-	-	-	-	-	-	1,386
	Requested Funding Source												
	Pay-As-You-Go - Library	1,256	130	-	-	-	-	-	-	-	-	-	1,386
	Requested Funding Source	1,256	130	-	-	-	-	-	-	-	-	-	1,386

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	479	130	-	-	-	-	-	-	-	-	-	609
	Other Costs	777	-	-	-	-	-	-	-	-	-	-	777
	Total	1,256	130	-	-	-	-	-	-	-	-	-	1,386

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILNER LIBRARY RENEWAL & UPGRADES**  
 PROFILE: **12-20-0055**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH	RENEWAL
25	75

PREVIOUSLY APPROVED:	62,500
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	62,500

**PROFILE DESCRIPTION**

Based on the 2013 Schematic Design Report prepared by Teeple and ATB Architects, this project provides for the renovation and renewal of the Stanley A. Milner library to LEED Silver certification standards. Renewal work would include an all new state of the art building envelope and glazing system, high efficiency mechanical and electrical upgrades for the entire building and the emergency generator, interconnected ground floor and basement; upgraded landscaping as well as waterproofing repairs and deck replacement on the South Plaza; address seismic, exiting, and sprinkler code requirements; improved LRT connection; asbestos removal on ducts and air handler; and interior modernization on all floors. In addition it would provide increased and more functional customer space to the third floor and interconnectivity among all three floors with an accessible circulation system; a grand multifunctional new civic space; and all building code issues would be addressed.

**PROFILE BACKGROUND**

The Milner Exterior Upgrade Project was brought forward to City Council by the Edmonton Public Library Board as part of the 2012-2014 Capital Budget process. As a result of City Council budget deliberations, \$1.002 million in funding was provided for the schematic design of the project on the condition that an information report on the concept plans be provided to City Council through Community Services Committee. This report was provided to City Council on March 14th, 2012 and City Council directed the Library to provide funding options to be reviewed and developed for future consideration by City Council. Consideration was to be given to previous work undertaken in evaluating options for the building envelope renewal including work independently undertaken by Manasc Isaac Architects Ltd.

**PROFILE JUSTIFICATION**

Built as the City of Edmonton's Centennial Project in 1967 at a cost of \$4.5 million, the Stanley Milner Library has been offering library services to the population of Edmonton for the last 47 years. On average, approximately 1.3 million people visit the space on an annual basis. While interior renovations have taken place over time, including an addition to the front of the library constructed in 1999, the exterior and building code issues have largely remained untouched. An environmental study undertaken in 2010 revealed that the exterior walls are rated at less than R1. The building is literally leaking energy. It is very environmentally unfriendly, lacks appeal in appearance, and does not meet current Alberta Building Code Standards in many areas. This renewal project would bring the building up to today's building standards and contribute to increasing energy efficiency, resulting in savings in utility costs, and be aesthetically appealing and better meet customer needs.

**STRATEGIC ALIGNMENT**

This project aligns with City Council Priorities to improve Edmonton's livability by building vibrant communities, connecting Edmontonians to the services they need, and providing services that are accessible and available.

**ALTERNATIVES CONSIDERED**

City Council provided \$1,002,000 to develop a schematic design for the Stanley A. Milner Library and this project proposal is based on options provided in the Schematic Design Report. Two different options were considered: 1) a renovation of the exterior façade and some mechanical/equipment upgrades only; and 2) a re-visioning of both the interior public spaces and exterior of the building and complete mechanical/equipment upgrades, along with addressing building code deficiencies. In order to bring the building up to code and to ensure the public space meets the needs of our customers, the EPL Board recommends the re-visioning option and has committed to funding \$10.0 million of the incremental costs of the upgrades through donations/sponsorships. Whether or not this project is approved, \$13.9 million in renewal funding would still be required for the Milner Library in the 2015-2018 budget cycle. The \$13.9 million in renewal funding would be applied to this project if it goes forward.

**COST BENEFITS**

The key tangible benefits of this project are:

- Extends the useful life of the building
- Enables savings in energy costs \$175,000 annually
- Expands the space for library services

The key intangible benefits of this project are:

- Provides for a safe, healthy and comfortable environment for staff, tenants, and public.
- Reduces greenhouse gas emissions
- Significantly improves outside appearance



# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

Cost escalation is a key risk. EPL follows City project management guidelines for cost escalation and contingencies. The other risk is EPL not securing partnership funding. A feasibility study has established a reasonable fundraising target.

## RESOURCES

This project would be tendered and the management of the project would be undertaken by the City of Edmonton Project Management and Maintenance Services Branch together with EPL Management.

## CONCLUSIONS AND RECOMMENDATIONS

The Library Board supports the proposed Milner Library Renewal and Upgrades project for inclusion in the 2015-2018 Capital Budget submission.

## CONTINGENCY OF APPROVAL

Milner Library Renewal and Upgrades – Partner Funding  
December 11, 2014 - City Council Meeting

That expenditure of funds, beyond the \$5 million allocated for design under Capital Profile Milner Library Renewal and Upgrades 12-20-0055, be subject to a report to Community Services Committee from the Edmonton Public Library, confirming that commitments for partner funding are on track.

Due By: Nov. 9, 2015 Community Services Committee

Contingency met: dd/mm/yyyy

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Milner Library Renewal & Upgrades****FUNDED**PROFILE NUMBER: **12-20-0055**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,002	-	-	-	-	-	-	-	-	-	-	1,002
	2012 CBS Budget Adjustment	-990	-	-	-	-	-	-	-	-	-	-	-990
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	990	-	-	-	-	-	-	-	-	-	-	990
	2014 Cap Budget Request for Next Cycle	-	3,295	14,046	27,265	16,892	-	-	-	-	-	-	61,498
	2014 Cap Carry Forward	-570	570	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	432	3,865	14,046	27,265	16,892	-	-	-	-	-	-	62,500
	Approved Funding Sources												
	Partnership Funding	-	-	-	-	10,000	-	-	-	-	-	-	10,000
BUDGET REQUEST	Pay-As-You-Go	432	570	-	-	-	-	-	-	-	-	-	1,002
	Tax-Supported Debt	-	3,295	14,046	27,265	6,892	-	-	-	-	-	-	51,498
	Current Approved Funding Sources	432	3,865	14,046	27,265	16,892	-	-	-	-	-	-	62,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	432	3,865	14,046	27,265	16,892	-	-	-	-	-	-	62,500
	Requested Funding Source												
	Partnership Funding	-	-	-	-	10,000	-	-	-	-	-	-	10,000
	Pay-As-You-Go	432	570	-	-	-	-	-	-	-	-	-	1,002
	Tax-Supported Debt	-	3,295	14,046	27,265	6,892	-	-	-	-	-	-	51,498
	Requested Funding Source	432	3,865	14,046	27,265	16,892	-	-	-	-	-	-	62,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	12,622	26,229	13,688	-	-	-	-	-	-	52,540
	Design	9	3,650	1,424	1,035	461	-	-	-	-	-	-	6,579
	Equip FurnFixt	-	-	-	-	2,500	-	-	-	-	-	-	2,500
	Other Costs	423	-	-	-	-	-	-	-	-	-	-	423
	Percent for Art	-	215	-	-	242	-	-	-	-	-	-	457
	Total	432	3,865	14,046	27,265	16,892	-	-	-	-	-	-	62,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-189	-189	-	-	-4	-4	-	-	-4	-4	-	-	-5	-5	-
Total Operating Impact	-	-189	-189	-	-	-4	-4	-	-	-4	-4	-	-	-5	-5	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LIBRARY FACILITIES REHABILITATION / RENEWAL**  
 PROFILE: **CM-20-0048**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	1,499
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,499
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**PROFILE DESCRIPTION**

This project will allow for the on-going rehabilitation and renewal of City owned library facilities. The work plan has been developed in consultation and partnership with the City's Community Services Department - Project Management and Maintenance Services and will address work at the following library branch locations: Strathcona, Idylwyde, Sprucewood, Riverbend, and Woodcroft. This project is a cost effective way to restore the EPL branches and extend their useful life so that library services can continue to be provided. Rehabilitation and renewal identified for library facilities are based on the City's building management system which identifies rehabilitation and renewal needs. This project provides for a timely way to preserve and extend the life of the facilities as a whole.

**PROFILE BACKGROUND**

The Edmonton Public Library currently operates seventeen libraries throughout the City of Edmonton. The age of the existing library facilities ranges from 101 years (Strathcona) to 1 year (Jasper Place Library). In order to protect and preserve the facility over the expected asset life, ongoing rehabilitation and renewal is necessary and forms part of the on-going investment in the facility. Due to the age of many of the library facilities, roofing repair and replacement, HVAC and electrical improvements, window replacements, fire alarm up-grade/replacement and security upgrades are commonly required in order to maintain and/or extend their useful life. Work is planned on a priority basis to be undertaken based on available funding, considering the most optimal timing and investment.

**PROFILE JUSTIFICATION**

As libraries experience higher than normal public usage, increased occupancy shortens standard life expectancies of many key components of the facilities. In order to protect and preserve the facility assets of EPL, constant rehabilitation and renewal is required. The City of Edmonton Community Services Department - Project Management and Maintenance Services has worked with EPL in developing plans for renewal and rehabilitation of EPL branches. The projects identified for the branches reflect optimal investment and timing based on City building management system investment models.

**STRATEGIC ALIGNMENT**

This project aligns with City Council Priorities to improve Edmonton's livability by building vibrant communities, connecting Edmontonians to the services they need, and providing services that are accessible and available.

**ALTERNATIVES CONSIDERED**

The alternatives would be to delay timely maintenance to the facilities or to renovate or rebuild the facility when it has reached the end of its useful life.

**COST BENEFITS**

In developing rehabilitation and renewal requirements, consideration is given to the City's building assessments performed by external consultants which takes into consideration overall life cycle costs. The cost effectiveness is further considered as part of the initial design and engineering of the work.

**KEY RISKS & MITIGATING STRATEGY**

This project has the effect of lowering the risk to building operations by maintaining the buildings before more costly emergency repairs and renovations are required.

**RESOURCES**

All portions of this project will be undertaken by City and External Contractors with the Facilities and Operations Division of the Library managing the projects.

**CONCLUSIONS AND RECOMMENDATIONS**

The Library supports this project for timely preventive maintenance, rehabilitation and renewal of all its buildings. The Library recommends that funding for this project be approved.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Library Facilities Rehabilitation / Renewal****FUNDED**PROFILE NUMBER: **CM-20-0048**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	915	584	-	-	-	-	-	-	-	-	1,499
	Current Approved Budget	-	915	584	-	-	-	-	-	-	-	-	1,499
	Approved Funding Sources												
	Pay-As-You-Go - Library	-	915	584	-	-	-	-	-	-	-	-	1,499
	Current Approved Funding Sources	-	915	584	-	-	-	-	-	-	-	-	1,499

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	915	584	-	-	-	-	-	-	-	-	1,499
	Requested Funding Source												
	Pay-As-You-Go - Library	-	915	584	-	-	-	-	-	-	-	-	1,499
	Requested Funding Source	-	915	584	-	-	-	-	-	-	-	-	1,499

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	915	584	-	-	-	-	-	-	-	-	1,499
	Total	-	915	584	-	-	-	-	-	-	-	-	1,499

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IT INFRASTRUCTURE RENEWAL**  
 PROFILE: **CM-20-0050**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	5,587
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,587
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**PROFILE DESCRIPTION**

This project provides for replacement of IT Infrastructure that will reach the end of its useful life in the period 2015– 2018.

Infrastructure has been identified for replacement over the period 2015 – 2018 to ensure uninterrupted library services to the public and reliable internal operations. An evergreening strategy is in place for replacement of self-service checkout systems, automatic sortation units, hardware/software, data network infrastructure, network servers, as well as storage and back-up equipment which support library business applications, web, online and wireless public services. Investment over the next 4 years is summarized below (\$5.6 million):

- \$3.5 million in customer / staff desktops and devices
- \$1.2 million IT infrastructure / network servers
- \$0.9 million in customer self-check-in / check-out and sortation devices

**PROFILE BACKGROUND**

EPL is becoming more and more dependent on IT infrastructure in the delivery of library services and it is critical that renewal and replacement occur on a timely manner. IT infrastructure has a relatively short life compared to other capital assets and requires replacement before equipment or system failures occur and adversely impact services to library customers and internal operations.

This project addresses the need to replace Information Technology (IT) infrastructure that will reach the end of its useful life between 2015 and 2018. IT infrastructure has an average life of 3-5 years at which time it needs to be replaced. The Library continuously and regularly monitors all technology infrastructure and determines when replacement is required to ensure that equipment or system failures are avoided.

**PROFILE JUSTIFICATION**

The Library relies on its technology infrastructure to provide core services to customers and to support its internal operations. Failure to replace EPL hardware/software related to core public and internal business processes in a timely fashion will increase the risk of failure and result in adverse impacts on service to Library customers and staff. Of significant IT investment held by EPL is the self-service system implemented in 2008. Since installation was completed, the customer self-check-out and automated sortation system has enabled EPL to respond to a 38% increase in circulation activity without increasing staffing levels. The majority of check-outs are performed by customers, freeing up staff to provide more value added customer service. Investment in EPL IT infrastructure has been peer reviewed by the City's IT Investment Committee and is supported for the 2015-2018 budget.

**STRATEGIC ALIGNMENT**

This project aligns with City Council Priorities to improve Edmonton's livability by connecting Edmontonians to the services they need, and providing its people services that are accessible and available.

**ALTERNATIVES CONSIDERED**

EPL continually reviews alternatives to the procurement of technology equipment used by the public, internal operations and administrative areas.

**COST BENEFITS**

Based on a lease versus purchase comparison, purchasing the IT technology is more cost effective than leasing.

**KEY RISKS & MITIGATING STRATEGY**

Delays in replacement of IT infrastructure put library customer service at significant risk since the current service delivery model is highly reliant on a robust technology infrastructure being in place.

**RESOURCES**

IT infrastructure requirements are tendered, and replacement is carried out by EPL staff and contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

The Library supports the timely replacement of IT infrastructure and recommends that funding for this project be approved.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **IT Infrastructure Renewal****FUNDED**PROFILE NUMBER: **CM-20-0050**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587
	Current Approved Budget	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587
	Approved Funding Sources												
	Pay-As-You-Go	-	1,467	1,137	1,097	1,698	-	-	-	-	-	-	5,400
	Pay-As-You-Go - Library	-	187	-	-	-	-	-	-	-	-	-	187
	Current Approved Funding Sources	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587
	Requested Funding Source												
	Pay-As-You-Go	-	1,467	1,137	1,097	1,698	-	-	-	-	-	-	5,400
	Pay-As-You-Go - Library	-	187	-	-	-	-	-	-	-	-	-	187
	Requested Funding Source	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587
	Total	-	1,654	1,137	1,097	1,698	-	-	-	-	-	-	5,587

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LIBRARY MATERIALS**  
 PROFILE: **CM-20-0051**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	28,871
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	28,871
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**PROFILE DESCRIPTION**

Library materials have been identified for replacement in the 2015 – 2018 capital budget to ensure continued customer access to information and recreation materials. Library collections include the costs of library books, DVD's, CD's, video games and world languages collections. Funding for these expenditures come from EPL's operating budget. These resources are considered core and fundamental to the delivery of library service to EPL customers.

**PROFILE BACKGROUND**

As a fundamental service of Edmonton Public Library, we purchase library materials to meet customer needs. Materials are published on an ongoing basis and need to be purchased to meet customer demand. Additionally, some library materials require replacement after repeated usage and when they become worn, irrelevant, and inaccurate.

**PROFILE JUSTIFICATION**

EPL considers library collections a fundamental resource in the delivery of service to its customers. Maintaining relevant and current collections is critical to the success in achieving the goals and objectives of the Board. The level of investment over 2015-2018 reflects EPL's best estimates of replacement required over that period and incorporates anticipated cost escalation as forecast by the industry (2.5% in 2015 and CPI in 2016-2018). EPL has recognized the shift of library collections moving from books, DVD, CD collections to electronic formats in the cost estimates. Annual electronic licenses and subscriptions costs are reported in EPL's operating budget.

**STRATEGIC ALIGNMENT**

This project aligns with City Council Priorities to improve Edmonton's livability by connecting Edmontonians to the services they need, and providing its people services that are accessible and available.

**ALTERNATIVES CONSIDERED**

As part of the assessment of alternatives for library collections, EPL considers the following:

- Assessment of vendors for best value.
- Balance between electronic versus physical
- Contracting out services.

**COST BENEFITS**

The current service delivery model requires EPL to develop, maintain and provide access to library collections – a fundamental library service.

**KEY RISKS & MITIGATING STRATEGY**

Delays in replacement of library materials puts library customer service at significant risk since quality collections require ongoing development and replacement. As a mitigating strategy, EPL would not replace library collections as frequently.

**RESOURCES**

Requirements for library materials are based on staff assessment of customer needs and feedback from customers.

**CONCLUSIONS AND RECOMMENDATIONS**

The Library supports the timely development and replacement of library materials. The Library recommends that funding for this project be approved.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Library Materials****FUNDED**PROFILE NUMBER: **CM-20-0051**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Current Approved Budget	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Approved Funding Sources												
	Pay-As-You-Go - Library	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Current Approved Funding Sources	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Requested Funding Source												
	Pay-As-You-Go - Library	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Requested Funding Source	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871
	Total	-	7,007	7,146	7,282	7,436	-	-	-	-	-	-	28,871

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LIBRARY FURNITURE AND EQUIPMENT**  
 PROFILE: **CM-20-0052**  
 DEPARTMENT: **Boards and Commissions**  
 BRANCH: **Edmonton Public Library**  
 PROGRAM NAME:  
 LEAD BRANCH: **Edmonton Public Library**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Linda Cook
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LEAD BRANCH MANAGER:	Linda Cook
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	1,097
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,097
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**PROFILE DESCRIPTION**

This project identifies annual renewal of library furniture and equipment (including vehicles and library shelving) assets. EPL uses the City's risk-based investment management system as a basis of estimating the annual replacement needs to maintain these assets at an acceptable condition.

**PROFILE BACKGROUND**

EPL furniture and equipment capital expenditures include shelving for library materials, vehicles and furniture and equipment used in EPL branches and offices. Shelving has an overall average asset life of 40 years. EPL maintains a fleet of 6 vehicles needed to deliver library materials to EPL branches and partners, and two literacy van(s) with an average asset life 7 years. Furniture and equipment includes desks and furniture used in the provision of library services. The capital budget includes costs for annual replacement of these assets and funds these replacements through the EPL operating budget.

**PROFILE JUSTIFICATION**

EPL monitors and tracks all furniture and equipment asset inventory including asset condition. This project identifies annual requirements to maintain EPL's furniture and equipment assets at an acceptable asset condition with consideration to health and safety of customers and staff, value and best time to replace assets. Failing to fund these replacements will result in EPL's inability to provide services to its customers (e.g. vehicles not available for deliveries to branches, shelving not available for library materials). In addition, failing to proceed with this project would result in higher maintenance costs in the future, higher operating costs and higher risk of component failure and/or unusable furniture / equipment for customers and staff.

**STRATEGIC ALIGNMENT**

This project aligns with City Council Priorities to improve Edmonton's livability by building vibrant communities, connecting Edmontonians to the services they need, and providing its people services that are accessible and available.

**ALTERNATIVES CONSIDERED**

EPL continually reviews alternatives for the replacement of furniture, equipment and vehicle assets and assesses to ensure health and safety standards are met and best value is obtained for EPL.

**COST BENEFITS**

EPL continually seeks best value when renewing furniture, equipment and vehicles.

The key tangible benefits of this project are:

- Extends the useful life of the shelving and vehicles
- Enables continued provision of library services to the communities; and
- Ensuring underserved areas of Edmonton are provided with library services.

**KEY RISKS & MITIGATING STRATEGY**

This project mitigates the risk to personal injury to staff and customers, and minimizes costly emergency repairs or renovations.

**RESOURCES**

All project items will be tendered publicly, with the Facilities and Operations Division and Library Services Department managing the projects.

**CONCLUSIONS AND RECOMMENDATIONS**

The Library supports this project for timely preventive maintenance of all its assets and provision of excellent customer service. The Library recommends this project for approval.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Library Furniture and Equipment****FUNDED**PROFILE NUMBER: **CM-20-0052**PROFILE TYPE: **Composite**BRANCH: **Edmonton Public Library**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	453	327	157	160	-	-	-	-	-	-	1,097
	Current Approved Budget	-	453	327	157	160	-	-	-	-	-	-	1,097
	Approved Funding Sources												
	Pay-As-You-Go - Library	-	453	327	157	160	-	-	-	-	-	-	1,097
	Current Approved Funding Sources	-	453	327	157	160	-	-	-	-	-	-	1,097

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	453	327	157	160	-	-	-	-	-	-	1,097
	Requested Funding Source												
	Pay-As-You-Go - Library	-	453	327	157	160	-	-	-	-	-	-	1,097
	Requested Funding Source	-	453	327	157	160	-	-	-	-	-	-	1,097

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	453	327	157	160	-	-	-	-	-	-	1,097
	Total	-	453	327	157	160	-	-	-	-	-	-	1,097

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MUNICIPAL CEMETERIES INFRASTRUCTURE IMP.**  
 PROFILE: **07-21-5351**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2010
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	2,805
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,805
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**PROFILE DESCRIPTION**

This composite program will provide financing for various cemetery improvements initiatives. Projects include road repairs, permanent water supply, enhancements to irrigation systems, cemetery entrances, directional and customer signage.

#13-35 Cloverbar Cemetery Entrance Realignment - Tree replacement funding from Province for realignment of front entrance of Cloverbar Cemetery for Anthony Henday. The Province purchased land from the City and were required to cover all costs associated with the entrance realignment.

\$108

#13-31 Mount Pleasant Garden Court Columbaria Project - scope increase by adding columbaria to increase sales. This was supported by City Council through the approval of the Cemetery Master Plan and funded using the Enterprise Reserve \$104 Enterprise Reserve. \$104

**PROFILE JUSTIFICATION**

Customers using municipal cemeteries expect a certain level of infrastructure (potable water, properly maintained roadways, adequate fencing, directional signage). These are not present at many of the city cemeteries including South Haven and Northern Lights, the two cemeteries with the most future capacity. This rehabilitation will bring these cemeteries to an acceptable level thus increasing customer satisfaction and improving the opportunity for new sales. Through the creation of a dedicated rehabilitation composite profile, important cemetery based rehabilitation projects at all municipal cemeteries can be reliably funded.

This profile directly and proactively addresses the expectation identified in C497 of the fiscal policy for the Enterprise Portfolio. The proposed rehabilitation projects will enhance customer service and/or reduce short and long term operating costs.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Department Business Plan Initiatives: Develop a long-range facility plan for the Community Services Department. Service Challenge: Responding to changing expectations, demands and demographics.

Any impacts to the operating base will be managed within the current operations.

#68: To adjust cashflow to reflect latest project estimate.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Municipal Cemeteries Infrastructure Imp.****FUNDED**PROFILE NUMBER: **07-21-5351**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,583	-	-	-	-	-	-	-	-	-	-	1,583
	2010 CBS Budget Adjustment	-637	-	-	-	-	-	-	-	-	-	-	-637
	2011 CBS Budget Adjustment	-585	-	-	-	-	-	-	-	-	-	-	-585
	2012 CBS Budget Adjustment	369	-	-	-	-	-	-	-	-	-	-	369
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	582	-	-	-	-	-	-	-	-	-	-	582
	2014 Cap Carry Forward	-149	149	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,370	-	-	-	-	-	-	-	-	-	-	1,370
	2015 Cap Administrative	-	-1	-	-	-	-	-	-	-	-	-	-1
	2015 Cap Council	-	23	101	-	-	-	-	-	-	-	-	124
	Current Approved Budget	2,533	171	101	-	-	-	-	-	-	-	-	2,805
	Approved Funding Sources												
	Enterprise Reserve	94	-	-	-	-	-	-	-	-	-	-	94
	Other Reserve	1,175	170	101	-	-	-	-	-	-	-	-	1,446
	Partnership Funding	165	-	-	-	-	-	-	-	-	-	-	165
	Pay-As-You-Go	1,099	1	-	-	-	-	-	-	-	-	-	1,100
	Current Approved Funding Sources	2,533	171	101	-	-	-	-	-	-	-	-	2,805

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,533	171	101	-	-	-	-	-	-	-	-	2,805
	Requested Funding Source												
	Enterprise Reserve	94	-	-	-	-	-	-	-	-	-	-	94
	Other Reserve	1,175	170	101	-	-	-	-	-	-	-	-	1,446
	Partnership Funding	165	-	-	-	-	-	-	-	-	-	-	165
	Pay-As-You-Go	1,099	1	-	-	-	-	-	-	-	-	-	1,100
	Requested Funding Source	2,533	171	101	-	-	-	-	-	-	-	-	2,805

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-149	171	-	-	-	-	-	-	-	-	-	22
	Design	-	-	101	-	-	-	-	-	-	-	-	101
	Other Costs	2,682	-	-	-	-	-	-	-	-	-	-	2,682
	Total	2,533	171	101	-	-	-	-	-	-	-	-	2,805

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MULTI-SPORT TOURNAMENT & REC SITE (MTRS)**  
 PROFILE: **07-21-5730**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2007**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,673</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,673</b>

**PROFILE DESCRIPTION**

This profile is for the construction of the Multi-sport Tournament & Recreation Site (MTRS). The MTRS includes the development of 14 full size rectangular soccer fields, 3 rugby fields as well as required support amenities. It also includes an additional 21.25 acres of land previously planned as a diamond facility. The site would serve as a city wide tournament facility that could accommodate a minimum of five outdoor rectangular field sports (soccer, football, rugby, field lacrosse, ultimate frisbee). The facility would meet the practice, regular season and exhibition game needs of rectangular field users as well as being able to host a wide range of seasonal tournament (local, Provincial, National, and International). The site is being developed with the following three partners:

- Edmonton Minor Soccer Association (8 soccer fields, \$1,800)
- Club Soccer (6 soccer fields, \$1,200)
- Nor'Westers Athletic Association (3 rugby fields, \$1,400).

There was also an additional \$4,735 in developer funding that was assigned to a slo-pitch partner who was unable to raise the required capital to proceed with their development.

The 21.25 acre area previously planned for slo-pitch diamonds was tendered through a negotiated request for proposals (NRFP) in an attempt to try and find a partner to develop the remaining land.

**PROFILE JUSTIFICATION**

- This project supports the Way Ahead through the 10 year goal of Improving Edmonton's Livability meeting the corporate outcomes:
  - a) Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
  - b) Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services
- The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and Edmonton is a Caring, Inclusive, Affordable Community".
- Section 4.2.1.9 of the Council approved 2005-2015 Recreation Facility Master Plan recommends the City of Edmonton support citywide specialty facilities located on City land through various partnership arrangements.
- City Policy C187A states that the City will actively encourage and support public recreation and leisure partnership opportunities that enhance Community Facility Services and may include capital development, operations and programming. This project will increase the recreation and social opportunities in the City of Edmonton
- This combination of multiple fields in one location will increase utilization when compared to developing single fields and will provide operating efficiencies.
- The increased sports fields and related amenities will address the need for more quality outdoor playing surfaces and facilities capable of hosting tournaments.
- Economic impacts in the City of Edmonton over 25 years for construction and maintenance are reported to be over \$282 million and the Gross Domestic Product impact to be estimated at \$185 million.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Rename from Developer to Partnership in order to reflect the proper category when consolidating the finance source

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **Multi-Sport Tournament & Rec Site (MTRS)****FUNDED**PROFILE NUMBER: **07-21-5730**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	35,584	-	-	-	-	-	-	-	-	-	-	35,584
	2007 CBS Budget Adjustment	-664	-	-	-	-	-	-	-	-	-	-	-664
	2008 CBS Budget Adjustment	-2,123	-	-	-	-	-	-	-	-	-	-	-2,123
	2009 CBS Budget Adjustment	-12,246	-	-	-	-	-	-	-	-	-	-	-12,246
	2010 CBS Budget Adjustment	-1,104	-	-	-	-	-	-	-	-	-	-	-1,104
	2011 CBS Budget Adjustment	-5,278	-	-	-	-	-	-	-	-	-	-	-5,278
	2012 CBS Budget Adjustment	-2,373	-	-	-	-	-	-	-	-	-	-	-2,373
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	8,782	-	-	-	-	-	-	-	-	-	-	8,782
	2014 Cap Carry Forward	-3,650	3,650	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	616	-	-	-	-	-	-	-	-	-	-	616
	2015 Cap Council	-	-4,521	-	-	-	-	-	-	-	-	-	-4,521
	Current Approved Budget	17,544	-871	-	-	-	-	-	-	-	-	-	16,673
APPROVED BUDGET	Approved Funding Sources												
	Developer Financing	-	898	-	-	-	-	-	-	-	-	-	898
	Financial Stabilization Resrv.	2,199	1	-	-	-	-	-	-	-	-	-	2,200
	Munc Sustain. Initiative - MSI	9,900	-	-	-	-	-	-	-	-	-	-	9,900
	Operating Revenues	-	-	-	-	-	-	-	-	-	-	-	-
	Operating Surplus (FSR)	2,200	-	-	-	-	-	-	-	-	-	-	2,200
	Partnership Funding	975	-	-	-	-	-	-	-	-	-	-	975
	Pay-As-You-Go	2,270	-1,770	-	-	-	-	-	-	-	-	-	500
	Current Approved Funding Sources	17,544	-871	-	-	-	-	-	-	-	-	-	16,673

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	17,544	-871	-	-	-	-	-	-	-	-	-	16,673
	Requested Funding Source												
	Developer Financing	-	898	-	-	-	-	-	-	-	-	-	898
	Financial Stabilization Resrv.	2,199	1	-	-	-	-	-	-	-	-	-	2,200
	Munc Sustain. Initiative - MSI	9,900	-	-	-	-	-	-	-	-	-	-	9,900
	Operating Revenues	-	-	-	-	-	-	-	-	-	-	-	-
	Operating Surplus (FSR)	2,200	-	-	-	-	-	-	-	-	-	-	2,200
	Partnership Funding	975	-	-	-	-	-	-	-	-	-	-	975
	Pay-As-You-Go	2,270	-1,770	-	-	-	-	-	-	-	-	-	500
	Requested Funding Source	17,544	-871	-	-	-	-	-	-	-	-	-	16,673

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-3,650	-871	-	-	-	-	-	-	-	-	-	-4,521
	Other Costs	21,194	-	-	-	-	-	-	-	-	-	-	21,194
	Total	17,544	-871	-	-	-	-	-	-	-	-	-	16,673

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARTIFICIAL PLAYING SURFACES: QDRNT BASED**  
 PROFILE: **07-21-5746**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,827</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,827</b>

**PROFILE DESCRIPTION**

As directed in the Council approved Artificial Turf Strategy, this composite program provides funding for the design, development and construction of artificial turf playing surfaces and supporting amenities at the Jasper Place Bowl, Mill Woods District Park, and Clareview District Park.

Timing for the projects is as follows:

2009 - Jasper Place Bowl  
 2010 - Mill Woods District Park  
 2013 - Clareview District Park

The timing of the construction of these fields may change dependant on site construction plans in order to maximize efficiency and capitalize on potential cost sharing opportunities.

**PROFILE JUSTIFICATION**

The need and demand for artificial surfaces for sports fields has increased. This is supported through recommendations from the Joint Use Sportsfield Working Sub Committee. They recommended a quadrant based approach to build at least 4 more artificial turf fields to address the concerns.

Artificial turf fields serve the need for fields for all kinds of weather conditions, multiple games per day, extra use per week, and must play games without the damage that would typically occur in similar situations on a grass surface. Artificial surfaces can significantly extend the length of the season in spring and fall.

Any potential partnership with the local sport community to assist in the building of the artificial turf playing surface will be reviewed and addressed as the opportunities arise.

Based on the cost comparison done for Clarke field, comparing 2004 with natural grass vs. 2006 with artificial turf, it is expected that there will be little or no operational impact financially.

Council 10 year strategic goal: Improve Edmonton's Livability

Council 3 year priority goal: Reduce barriers to participation in recreation activities and local programs

Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy, a Well Planned Urban Environment. Department Business Plan: Develop a Parks Open Space for the City of Edmonton. Service Challenge: Meeting the needs of a growing city. Integrated Service Strategy: Development based on partnerships, Balancing Diverse Needs and Uses.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Artificial Playing Surfaces: Qdrnt Based****FUNDED**PROFILE NUMBER: **07-21-5746**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,310	-	-	-	-	-	-	-	-	-	-	20,310
	2009 CBS Budget Adjustment	-1,633	-	-	-	-	-	-	-	-	-	-	-1,633
	2010 CBS Budget Adjustment	-1,242	-	-	-	-	-	-	-	-	-	-	-1,242
	2011 CBS Budget Adjustment	-3,609	-	-	-	-	-	-	-	-	-	-	-3,609
	2012 CBS Budget Adjustment	-755	-	-	-	-	-	-	-	-	-	-	-755
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	19	-	-	-	-	-	-	-	-	-	-	19
	2014 Cap Carry Forward	-640	640	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-300	-	-	-	-	-	-	-	-	-	-	-300
	2014 SCBA >\$1MM or New	30	-	-	-	-	-	-	-	-	-	-	30
	2014 SCBA Within Branch	7	-	-	-	-	-	-	-	-	-	-	7
	Current Approved Budget	12,187	640	-	-	-	-	-	-	-	-	-	12,827
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	12,086	614	-	-	-	-	-	-	-	-	-	12,700
	Partnership Funding	14	16	-	-	-	-	-	-	-	-	-	30
	Pay-As-You-Go	87	10	-	-	-	-	-	-	-	-	-	97
	Current Approved Funding Sources	12,187	640	-	-	-	-	-	-	-	-	-	12,827

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	12,187	640	-	-	-	-	-	-	-	-	-	12,827
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	12,086	614	-	-	-	-	-	-	-	-	-	12,700
	Partnership Funding	14	16	-	-	-	-	-	-	-	-	-	30
	Pay-As-You-Go	87	10	-	-	-	-	-	-	-	-	-	97
	Requested Funding Source	12,187	640	-	-	-	-	-	-	-	-	-	12,827

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-940	640	-	-	-	-	-	-	-	-	-	-300
	Other Costs	13,127	-	-	-	-	-	-	-	-	-	-	13,127
	Total	12,187	640	-	-	-	-	-	-	-	-	-	12,827

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MULTI-PURPOSE RECREATION CENTRES**  
 PROFILE: **09-21-5826**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Recreation & Culture		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>299,857</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>299,857</b>

**PROFILE DESCRIPTION**

This profile will be used to develop 3 major multi-purpose recreation facilities as identified in Recreation Facility Master Plan. Location and description are as follows:

**North Central Multi-Purpose Recreation Centre:**

The North Central Multi-purpose Recreation Centre is identified as a short term priority in the Council approved Recreation Facility Master Plan. In June of 2007, Edmonton City Council approved a number of motions related to pursuing the development and operation of the North Central Community Recreation Centre at Commonwealth Stadium (as outlined in the May 2, 2007 Community Services Department report 2007CSR013 in place of the approved strategy to work with the Northern Alberta Institute of Technology). A Business case has been completed for the project. Approved funding to support the development of the Fieldhouse is included in Project 08-21-5811.

**Clareview Multi-purpose Facility:**

Convert the Clareview Arena into a multi-purpose facility by adding an aquatic component, Gymnasium, multi purpose areas, and fitness component to the existing twin pad.

**Meadows Multi-purpose Facility:**

Develop a major multi-purpose recreation facility that includes a leisure aquatic venue, fitness centre, flexihall, multi-purpose spaces and twin arenas. An access road and adequate parking will be developed to support the new amenities on site. The concept of a community hub on this site is achieved through the development of an outdoor "social heart" which links this recreation facility to other site amenities.

Please note: This project replaced the following multi-purpose facility profiles:

North Central Multi-purpose Facility 08-21-5804

Clareview Multi-purpose Facility 12-21-5787

Meadows Multi-purpose Facility 13-21-5786

#13-34 Received \$601 funding from the Province in 2012 for cost sharing of the Fibre Optic Cable between Terwillegar and the Meadows Recreation Centres. The fibre optic cable is required to maximize functionality of the facilities.

#13-35 Partner funding (\$5K) rec'd in 2013 from Edmonton Arts Council to cover costs associated with providing lighting related to the Artwork (CP-2521 Clareview Recreation Centre).

**PROFILE JUSTIFICATION**

This project is identified in the Recreation Facility Master Plan to address the rapid population growth in the North Central, North East and South East areas of Edmonton. The Medium Term Recreation Facility and Sports Field Plan approved by City Council on July 17, 2007 identifies Meadows as a second priority, following North Central and Clareview developments.

#11-74 Increase of \$3,537 in Dev Financing Sep 14, 2011 motion 6.4

#12-41 Increase \$136 for Fibre Optics from #12-18-0001

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Multi-Purpose Recreation Centres**  
 PROFILE NUMBER: **09-21-5826**  
 BRANCH: **Community & Recreation Facilities**

**FUNDED**  
 PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	452,139	-	-	-	-	-	-	-	-	-	-	452,139
	2009 CBS Budget Adjustment	-11,254	-	-	-	-	-	-	-	-	-	-	-11,254
	2010 CBS Budget Adjustment	-87,110	-	-	-	-	-	-	-	-	-	-	-87,110
	2011 CBS Budget Adjustment	-53,786	-	-	-	-	-	-	-	-	-	-	-53,786
	2012 CBS Budget Adjustment	-63,885	-	-	-	-	-	-	-	-	-	-	-63,885
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	63,381	-	-	-	-	-	-	-	-	-	-	63,381
	2014 Cap Carry Forward	-13,507	13,507	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	69	-	-	-	-	-	-	-	-	-	-	69
	2015 Cap Council	-	303	-	-	-	-	-	-	-	-	-	303
	Current Approved Budget	286,047	13,810	-	-	-	-	-	-	-	-	-	299,857
	Approved Funding Sources												
	Comm. Fac. Enhancmt Prog.Grant	200	-	-	-	-	-	-	-	-	-	-	200
	Developer Financing	-	3,840	-	-	-	-	-	-	-	-	-	3,840
	Partnership Funding	709	-	-	-	-	-	-	-	-	-	-	709
	Pay-As-You-Go	136	-	-	-	-	-	-	-	-	-	-	136
	Tax-Supported Debt	285,002	9,970	-	-	-	-	-	-	-	-	-	294,972
	Current Approved Funding Sources	286,047	13,810	-	-	-	-	-	-	-	-	-	299,857

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	286,047	13,810	-	-	-	-	-	-	-	-	-	299,857
	Requested Funding Source												
	Comm. Fac. Enhancmt Prog.Grant	200	-	-	-	-	-	-	-	-	-	-	200
	Developer Financing	-	3,840	-	-	-	-	-	-	-	-	-	3,840
	Partnership Funding	709	-	-	-	-	-	-	-	-	-	-	709
	Pay-As-You-Go	136	-	-	-	-	-	-	-	-	-	-	136
	Tax-Supported Debt	285,002	9,970	-	-	-	-	-	-	-	-	-	294,972
	Requested Funding Source	286,047	13,810	-	-	-	-	-	-	-	-	-	299,857

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-13,507	13,810	-	-	-	-	-	-	-	-	-	303
	Other Costs	299,554	-	-	-	-	-	-	-	-	-	-	299,554
	Total	286,047	13,810	-	-	-	-	-	-	-	-	-	299,857

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	591	591	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	591	591	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VARSCONA THEATRE - MAJOR FAC REDEV UPGR**  
 PROFILE: **09-21-5830**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Smyth R**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2010**ESTIMATED COMPLETION: **December, 2015**Service Category: **Recreation & Culture**

Major Initiative:

<b>GROWTH</b>

<b>RENEWAL</b>
<b>100</b>

PREVIOUSLY APPROVED:

**2,000**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**2,000****PROFILE DESCRIPTION**

This project will provide for the interior redevelopment of the 175-person capacity Varscona Theatre. The theatre's infrastructure system has exceeded its expected life cycle and is in dire need of redevelopment. The capital project will address the current capacity issues of the theatre, the shortage of affordable theatre and rehearsal space in the City of Edmonton and the potential public health and safety concerns due to the age of the building. The Varscona Theatre Alliance Society is asking the City to contribute \$2 million dollars in capital funding towards the project and be a partner.

The overall redevelopment project is earmarked to cost \$3 - \$5 million dollars. The project is earmarked for construction in 2012.

The Varscona Theatre Alliance Society funding request of \$2M is pending further provincial and federal matching funds and the submission and approval of a COE Detailed Business Case and project proposal.

The Varscona Theatre Alliance Society's proposed major facility redevelopment upgrade plans to overhaul and retrofit the interior of the building and transform it into a sustainable World Class Performing Arts Venue - the conceptual plans include increased lobby space, administration area and rehearsal hall, retrofits to the heating, cooling, plumbing and mechanical systems along with plans to equip the building with green technology throughout.

**PROFILE JUSTIFICATION**

The Varscona Theatre Alliance Society has indicated that the current building they occupy has exceeded its expected life cycle and is in dire need of re-development. As such, the Varscona Theatre Alliance Society has proposed to re-develop the entire building, which would address the current capacity issues in the theatre as well as address the shortage of affordable theatre space in the district and ultimately bring the building up to date which will allow the Varscona Theatre Alliance Society to reduce its operating costs and improve its revenue streams.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Varscona Theatre - Major Fac Redev Upgr****FUNDED**PROFILE NUMBER: **09-21-5830**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2010 CBS Budget Adjustment	-1,000	-	-	-	-	-	-	-	-	-	-	-1,000
	2011 CBS Budget Adjustment	-2,000	-	-	-	-	-	-	-	-	-	-	-2,000
	2012 CBS Budget Adjustment	-900	-	-	-	-	-	-	-	-	-	-	-900
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	900	-	-	-	-	-	-	-	-	-	-	900
	2014 SCBA >\$1MM or New	-1,500	-	-	-	-	-	-	-	-	-	-	-1,500
	2015 Cap Council	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Current Approved Budget	500	1,500	-	-	-	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Financial Stabilization Resrv.	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Pay-As-You-Go (non-TCA)	500	-	-	-	-	-	-	-	-	-	-	500
	Current Approved Funding Sources	500	1,500	-	-	-	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	500	1,500	-	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Financial Stabilization Resrv.	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Pay-As-You-Go (non-TCA)	500	-	-	-	-	-	-	-	-	-	-	500
	Requested Funding Source	500	1,500	-	-	-	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Other Costs	500	-	-	-	-	-	-	-	-	-	-	500
	Total	500	1,500	-	-	-	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VALLEY ZOO MASTER PLAN IMPLEMENTATION**  
 PROFILE: **10-21-0910**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2010**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>44,771</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>44,771</b>

**PROFILE DESCRIPTION**

This project will fund the completion of the sea mammals exhibit as originally identified in the Valley Zoo Master Plan, the Entry Plaza and Wander projects. The sea mammals exhibit will include the addition of indoor holding facility, exhibit interpretation, isolation tanks and keeper facilities for the care of the sea mammals. The entry precinct project envisions easy and direct access to all of the Zoo's exhibit precincts. It contains all the visitor services: other exhibit information, washrooms, ticket purchase window, cafe, retail shop, educational classrooms, administrative offices, and the Zoo Development Society offices. The Wander will represent Alberta's Aspen Parkland and Short-Grass Prairie. The Wander is a people space with wide walkways that provides for orientation and access to each of the Zoo's exhibit precincts. It will feature a interpretive stream that meanders down the central access spine of the Zoo featuring a cross section of Alberta's ecosystems as you move from prairies to mountains.

This profile also supports the Edmonton Valley Zoo Utility Assessment to determine the condition and capacity of current services and estimate future load requirements to allow for 40% additional capacity. In addition, this profile supports the Zoo Service Entrance retrofit. Service entrance required widening to meet current City standards.

#68: Operating impacts adjusted as there will be increases in utilities and personnel.

To adjust cashflow to reflect latest project estimate.

#13-66 \$750K Transfer from 12-75-0103 to cover budget shortfall due to unforeseen site conditions, delegated design components, climate impact and upgraded utility infrastructure.

**PROFILE JUSTIFICATION**

Supports the Way Ahead through 10 year goal of "Improving Edmonton's Livability". The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and "Edmonton is a Caring, Inclusive, Affordable Community".

A motion was passed at the May 27, 2009, City Council meeting "...that in conjunction with the next capital supplementary budget adjustment, funding for the Valley Zoo be considered in order to meet timelines as per their master plan". The projects identified are critical to complete first as they will enhance the well being of the animals and greatly enhance the visitors experience as they first enter the zoo at the entry plaza and then meander down the interactive wander to the first redeveloped exhibit in the Valley Zoo, the Sea Mammals exhibit. This project will also bring the sea mammals exhibit up to industry standards, thus enabling the zoo staff to provide on site care and appropriate shelter for the sea mammals as well as enhancing the visitor experience through increased interpretation and demonstrations.

Sea Mammal Exhibit cost estimate prepared by Tech Cost Consulting(\$8M).

Expected asset life is greater than 25 years and the term of the tax supported debt will be up to 20 years.

Preliminary numbers for entry and wander derived from beginning stages of schematic design undertaken by Studio Hansen Roberts (\$35M) +/- 30%.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Valley Zoo Master Plan Implementation****FUNDED**PROFILE NUMBER: **10-21-0910**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	68,000	-	-	-	-	-	-	-	-	-	-	68,000
	2010 CBS Budget Adjustment	-10,487	-	-	-	-	-	-	-	-	-	-	-10,487
	2011 CBS Budget Adjustment	-12,396	-	-	-	-	-	-	-	-	-	-	-12,396
	2012 CBS Budget Adjustment	-21,000	-	-	-	-	-	-	-	-	-	-	-21,000
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	20,654	-	-	-	-	-	-	-	-	-	-	20,654
	2014 Cap Carry Forward	-994	994	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	43,777	994	-	-	-	-	-	-	-	-	-	44,771
	Approved Funding Sources												
REVIS BUDGET (IF APPROVED)	Partnership Funding	445	-	-	-	-	-	-	-	-	-	-	445
	Pay-As-You-Go	576	750	-	-	-	-	-	-	-	-	-	1,326
	Tax-Supported Debt	42,756	244	-	-	-	-	-	-	-	-	-	43,000
	Current Approved Funding Sources	43,777	994	-	-	-	-	-	-	-	-	-	44,771

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVIS BUDGET (IF APPROVED)	Revised Budget (if Approved)	43,777	994	-	-	-	-	-	-	-	-	-	44,771
	Requested Funding Source												
	Partnership Funding	445	-	-	-	-	-	-	-	-	-	-	445
	Pay-As-You-Go	576	750	-	-	-	-	-	-	-	-	-	1,326
	Tax-Supported Debt	42,756	244	-	-	-	-	-	-	-	-	-	43,000
	Requested Funding Source	43,777	994	-	-	-	-	-	-	-	-	-	44,771

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVIS BUDGET (IF APPROVED)	Construction	-994	994	-	-	-	-	-	-	-	-	-	-
	Other Costs	44,771	-	-	-	-	-	-	-	-	-	-	44,771
	Total	43,777	994	-	-	-	-	-	-	-	-	-	44,771

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL WOODS SR CENTRE & MULTICULTURE FAC.**  
 PROFILE: **11-21-1004**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2011
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	10,329
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,329
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**PROFILE DESCRIPTION**

This project proposes development of a second storey on the new Mill Woods Library (CPP # 03-20-0019) with the same footprint and that development occurs concurrently and includes funding for design, construction, furniture and equipment.

The second floor would see the creation of 17,500 sq ft of useable space to meet the Senior's program and multicultural programming needs in Millwoods. A reciprocal parking agreement is in draft format.

**PROFILE JUSTIFICATION**

In June 2007 Community Services Committee directed Community Services in conjunction with Asset Management and Public Works to explore possible locations for the start-up of a Mill Woods Seniors Centre and multicultural facility. The Mill Woods Senior Centre opened in September 2007 in the Community Room at the Mill Woods Recreation Centre.

Since 2009, the seniors have been exploring options to be located in a larger centre to better address current and future programming requirements. There is currently no community hub for seniors in Mill Woods and public consultations have indicated that there is clearly a need for a larger scale seniors' centre in Mill Woods.

On February 2, 2011 City Council passed a motion approving \$1 million from the 2010 Operating Budget surplus be dedicated to design costs for the second storey of the Mill Woods Library Branch.

**CHANGES TO APPROVED PROFILE**

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**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Woods Sr Centre & Multiculture Fac.****FUNDED**PROFILE NUMBER: **11-21-1004**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,850	-	-	-	-	-	-	-	-	-	-	9,850
	2011 CBS Budget Adjustment	201	-	-	-	-	-	-	-	-	-	-	201
	2012 CBS Budget Adjustment	-4,469	-	-	-	-	-	-	-	-	-	-	-4,469
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	4,573	-	-	-	-	-	-	-	-	-	-	4,573
	2014 Cap Carry Forward	-2,053	2,053	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-26	-	-	-	-	-	-	-	-	-	-	-26
	2015 Cap Council	-	200	-	-	-	-	-	-	-	-	-	200
	Current Approved Budget	8,076	2,253	-	-	-	-	-	-	-	-	-	10,329
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	7,739	461	-	-	-	-	-	-	-	-	-	8,200
	Operating Surplus (FSR)	245	729	-	-	-	-	-	-	-	-	-	974
	Partnership Funding	-	200	-	-	-	-	-	-	-	-	-	200
	Pay-As-You-Go	92	863	-	-	-	-	-	-	-	-	-	955
	Current Approved Funding Sources	8,076	2,253	-	-	-	-	-	-	-	-	-	10,329

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,076	2,253	-	-	-	-	-	-	-	-	-	10,329
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	7,739	461	-	-	-	-	-	-	-	-	-	8,200
	Operating Surplus (FSR)	245	729	-	-	-	-	-	-	-	-	-	974
	Partnership Funding	-	200	-	-	-	-	-	-	-	-	-	200
	Pay-As-You-Go	92	863	-	-	-	-	-	-	-	-	-	955
	Requested Funding Source	8,076	2,253	-	-	-	-	-	-	-	-	-	10,329

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,053	2,253	-	-	-	-	-	-	-	-	-	200
	Other Costs	10,129	-	-	-	-	-	-	-	-	-	-	10,129
	Total	8,076	2,253	-	-	-	-	-	-	-	-	-	10,329

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ABBOTTSFIELD RECREATION CENTRE**  
 PROFILE: **11-21-7321**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Recreation & Culture		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,053</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,053</b>

**PROFILE DESCRIPTION**

The Abbotsfield Recreation Centre is a community centre located in the Abbotsfield Neighborhood in Northeast Edmonton at approximately 32 Street and 119 Avenue. The facility is owned by the City of Edmonton and is leased to the Abbotsfield Recreation Centre Society who operates the facility. In April 2011, Council supported a recommendation from Administration to replace the current recreation centre with a new one and approved \$5.5 million to design and construct the new building and demolish the existing building once the new building is complete and operable.

The Society will continue to operate the facility by providing no and low cost services and space to those residents of Abbotsfield and Rundle neighborhoods in order to serve the special needs of the various populations in the area including low income families, complex and diverse cultural communities, seniors and young children. The facility elements include: a gymnasium, kitchen, multipurpose room, preschool, office space and outdoor elements including an enclosed child minding area, half court basketball and parking.

Design phases will begin in 2011-2012. Construction will commence in 2013. Operational impacts will include building maintenance and park maintenance costs.

**Cost Breakdown Estimate:**

Land Planning- \$10k, Design - \$610k, Construction- \$4,580k; Cost Escalation/Contingency \$300k; Total Project Cost \$5,500k.

#13-37: \$990 The project was tendered; bids received were well in excess of the construction budget. As a result the City is unable to award the project until additional funding and savings can be secured. Administration is seeking ways to reduce the costs and find additional funding sources. Impact to operating \$150 thousand annually for facility and park maintenance plus 0.5 FTE.

SUBJECT TO PMMS CONTRACT CONFIRMATION BY MARCH 8.

#13-64:

**PROFILE JUSTIFICATION**

This project supports the Way Ahead through the goal of Improving Edmonton's Livability.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and Edmonton is a Caring, Inclusive, Affordable Community".

The 1996 Abbotsfield Recreation Centre Land Use Study noted that, based largely on the physical condition of the building, the expectation was that the building would be demolished at the conclusion of the lease term in 2012. A thorough facility condition report was completed by the Building and Facility Maintenance Section of Asset Management and Public Works in 2006. This assessment identified a number of issues requiring immediate action and a number of longer term issues. A building and utility condition assessment was completed in December 2010. The condition of the building has continued to deteriorate since 1996 and therefore, a recommendation to replace the existing facility with a new one has been made.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Abbottsfeld Recreation Centre**  
 PROFILE NUMBER: **11-21-7321**  
 BRANCH: **Community & Recreation Facilities**

**FUNDED**  
 PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,400	-	-	-	-	-	-	-	-	-	-	5,400
	2011 CBS Budget Adjustment	15	-	-	-	-	-	-	-	-	-	-	15
	2012 CBS Budget Adjustment	-132	-	-	-	-	-	-	-	-	-	-	-132
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,958	-	-	-	-	-	-	-	-	-	-	1,958
	2014 Cap Carry Forward	-828	828	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-11	-	-	-	-	-	-	-	-	-	-	-11
	2014 SCBA Within Dept <\$250K	-185	-	-	-	-	-	-	-	-	-	-	-185
	2015 Cap Council	-	8	-	-	-	-	-	-	-	-	-	8
	Current Approved Budget	6,217	836	-	-	-	-	-	-	-	-	-	7,053
	Approved Funding Sources												
	Financial Stabilization Resrv.	600	-	-	-	-	-	-	-	-	-	-	600
	Munc Sustain. Initiative - MSI	4,950	-	-	-	-	-	-	-	-	-	-	4,950
	Partnership Funding	402	180	-	-	-	-	-	-	-	-	-	582
	Pay-As-You-Go	265	656	-	-	-	-	-	-	-	-	-	921
	Current Approved Funding Sources	6,217	836	-	-	-	-	-	-	-	-	-	7,053

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,217	836	-	-	-	-	-	-	-	-	-	7,053
	Requested Funding Source												
	Financial Stabilization Resrv.	600	-	-	-	-	-	-	-	-	-	-	600
	Munc Sustain. Initiative - MSI	4,950	-	-	-	-	-	-	-	-	-	-	4,950
	Partnership Funding	402	180	-	-	-	-	-	-	-	-	-	582
	Pay-As-You-Go	265	656	-	-	-	-	-	-	-	-	-	921
	Requested Funding Source	6,217	836	-	-	-	-	-	-	-	-	-	7,053

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-828	746	-	-	-	-	-	-	-	-	-	-82
	Design	-	90	-	-	-	-	-	-	-	-	-	90
	Other Costs	7,045	-	-	-	-	-	-	-	-	-	-	7,045
	Total	6,217	836	-	-	-	-	-	-	-	-	-	7,053

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CLARKE FIELD ARTIFICIAL TURF RENEWAL**  
 PROFILE: **12-21-4829**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Standalone
PROFILE MANAGER:	Rob Smyth
LEAD BRANCH MANAGER:	Rob Smyth
ESTIMATED START:	January, 2014
ESTIMATED COMPLETION:	December, 2015

Service Category: Recreation & Culture		Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	1,159
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	1,159

**PROFILE DESCRIPTION**

The artificial turf surface at Clarke Park was installed in 2006. There is evidence of premature wear and fibre splitting which is not supposed to occur with the product installed. This project is a lifecycle replacement of the artificial turf surface with a suitable product that meets the needs of Clarke Park users. The sub base and all other components (curb, fencing, goal posts, etc) installed in 2006 can remain and are in good condition.

**PROFILE BACKGROUND**

The Clarke Field Artificial Turf Renewal, guided by the Artificial Turf Strategy and identified in the Medium Size Stadium Strategy, includes the replacement of the artificial turf to support various amateur and professional sports field users.

**PROFILE JUSTIFICATION**

This project supports the Way Ahead through the goal of "Improving Edmonton's Livability" meeting the corporate outcomes:

- Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- Citizens are connected to their diverse communities and have pride in their city.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and Edmonton is a Caring, Inclusive, Affordable Community". The Way We Live provides direction by integrating existing plans including: Council approved Recreation Facility Master Plan, the Urban Parks Management Plan and the Artificial Turf Strategy.

The need and demand for artificial turf for sports fields has increased. This is supported through recommendations from the Joint Use Sportsfield Working Sub Committee. They recommended a quadrant based approach to build artificial turf fields. Artificial turf fields serve the need for sports fields in all kinds of weather conditions, multiple games per day, extra use per week, and 'must play' games without the damage that would typically occur in similar situation on a natural grass surface. Artificial turf surfaces can also significantly extend the length of the playing season in spring and fall.

**STRATEGIC ALIGNMENT**

Supports The Way's goals: Way We Live - Improving Livability, Way We Grow - Transforming Urban Form, Way We Prosper - Diversifying Economy and is aligned with Recreation Facility Master Plan, Urban Parks Management Plan and Artificial Turf Strategy.

**ALTERNATIVES CONSIDERED**

Alternative is development of premier level natural turf fields. The Artificial Turf Strategy, suggests a combination of natural and artificial fields to support sport development and hosting of local, provincial, national and international events.

**COST BENEFITS**

Clarke Field provides over 1,700 hours of play to all levels of football, soccer and other sports including FC Edmonton for practices and games. The benefits include the ability to meet FC requirements for televised games and flexibility to have sport specific fields for major events. The operational impacts have been identified at \$50,000/year, which will be recovered by organizations requiring field painting prior to events.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

The City of Edmonton seeks to purchase goods, services and construction fairly based on best value. Community and Recreation Facilities will follow Human Resource Management policies and procedures for engagement, training and retention of staff.

**CONCLUSIONS AND RECOMMENDATIONS**

The Artificial Turf Strategy recommendations identify Clarke Field Renewal as a first priority development. A surface with permanent soccer lines and other lines painted as needed will meet the identified needs of all rectangular sport users.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Clarke Field Artificial Turf Renewal****FUNDED**PROFILE NUMBER: **12-21-4829**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Capital Budget Adj (one-off)	1,250	-	-	-	-	-	-	-	-	-	-	1,250
	2014 Cap Carry Forward	-5	5	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-91	-	-	-	-	-	-	-	-	-	-	-91
	Current Approved Budget	1,154	5	-	-	-	-	-	-	-	-	-	1,159
	Approved Funding Sources												
	Pay-As-You-Go	1,154	5	-	-	-	-	-	-	-	-	-	1,159
	Current Approved Funding Sources	1,154	5	-	-	-	-	-	-	-	-	-	1,159

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,154	5	-	-	-	-	-	-	-	-	-	1,159
	Requested Funding Source												
	Pay-As-You-Go	1,154	5	-	-	-	-	-	-	-	-	-	1,159
	Requested Funding Source	1,154	5	-	-	-	-	-	-	-	-	-	1,159

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-96	5	-	-	-	-	-	-	-	-	-	-91
	Other Costs	1,250	-	-	-	-	-	-	-	-	-	-	1,250
	Total	1,154	5	-	-	-	-	-	-	-	-	-	1,159

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EQUIPMENT CONSERVATION**  
 PROFILE: **12-21-5601**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,755</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,755</b>

**PROFILE DESCRIPTION**

This composite allows for the planned replacement of high dollar value program and service delivery equipment that is integral to supporting revenue generation in recreation and leisure centres, arenas, golf courses, sport centres, senior centres, cemeteries and attraction and specialty facilities that include the valley zoo, Fort Edmonton Park, City Arts Central, John Jenzen Nature Centre and Muttart Conservatory. It addresses identified demand/capacity and functional issues. The equipment included in the Composite is from two broad categories:

- Program Equipment: includes, but is not limited to fitness equipment, etc.
- Service Delivery Equipment: includes but is not limited to ice edgers, floor scrubbers, casket lowering devices, rental room tables/chairs, replacement of portable pool lifts & aquatic stairs, golf carts, portable electronic devices e.g. televisions/CD-cassette players/security cameras; safety equipment e.g. air packs, defibrillators, portable radios, replacement signage etc.

There will be no impact on operations.

#13-40: Tsf fr operating to capital \$66 - Council approved the purchase of two parking enforcement vehicles from the 2013 operating budget.

**PROFILE JUSTIFICATION**

Previously no funding source existed for lifecycling the replacement of booked and rental event equipment. Banquet equipment significantly contributes to the revenue stream of each facility and if not replaced, will impact the ability to produce revenue and could pose a safety hazard to customers. The new rental equipment will provide an improved enjoyment level for citizens using the facilities. If equipment continues to deteriorate, the facilities will fail to offer its mandated services by losing its ability to meet participants needs. The equipment must to be current and in good working condition to maintain day to day operations and positive customer satisfaction. If equipment is not replaced, marketability of the respective facilities will decline impacting customer satisfaction and facility revenues. In a competitive market customers dissatisfied with outdated, unavailable or inadequately maintained equipment may cause patrons to choose other facilities. Programs offered to participants need to have adequate equipment in good working order for participants to have enjoyment and gain the health benefits that are promoted in city programs.

This program was initiated in 2003 in response to the "value-for-money audit" of Community Leisure Centres. The Auditor General's office recommended "That an equipment listing be established and updated regularly to capture the ongoing equipment purchases and projected needs of Leisure Centres".

This project supports the Way Ahead through the 10 year goal of "Improving Edmonton's Livability" meeting the corporate outcomes of:

- Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and "Edmonton is a Caring, Inclusive, Affordable Community".

**CHANGES TO APPROVED PROFILE**

15-41-10 (Fall SBA): Transfer \$5K PAYG from CM-21-5601 Equipment Conservation to 12-21-5601 Equipment Conservation to cover over expenditures in 2015.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Equipment Conservation****FUNDED**PROFILE NUMBER: **12-21-5601**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,680	-	-	-	-	-	-	-	-	-	-	2,680
	2012 CBS Budget Adjustment	-160	-	-	-	-	-	-	-	-	-	-	-160
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	230	-	-	-	-	-	-	-	-	-	-	230
	2014 Cap Carry Forward	-132	132	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	5	-	-	-	-	-	-	-	-	-	5
	Current Approved Budget	2,618	137	-	-	-	-	-	-	-	-	-	2,755
	Approved Funding Sources												
	Pay-As-You-Go	2,618	137	-	-	-	-	-	-	-	-	-	2,755
	Current Approved Funding Sources	2,618	137	-	-	-	-	-	-	-	-	-	2,755

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,618	137	-	-	-	-	-	-	-	-	-	2,755
	Requested Funding Source												
	Pay-As-You-Go	2,618	137	-	-	-	-	-	-	-	-	-	2,755
	Requested Funding Source	2,618	137	-	-	-	-	-	-	-	-	-	2,755

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-132	132	-	-	-	-	-	-	-	-	-	-
	Other Costs	2,750	5	-	-	-	-	-	-	-	-	-	2,755
	Total	2,618	137	-	-	-	-	-	-	-	-	-	2,755

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WHITEMUD EQUINE CENTRE REDEVELOPMENT**  
 PROFILE: **12-21-5742**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	8,001
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	8,001
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**PROFILE DESCRIPTION**

- The Whitemud Equine Learning Centre Association (WELCA) is proposing to demolish and redevelop the barn and office facility at their leased facility in the River Valley. The proposed development specific to this project includes a 7,263 sq. m. facility with two indoor riding arenas and support space (4,374 sq. m.); barn and stables for 60 horses (1,305 sq. m.); education, administration and support space (637 sq. m.); and building systems, etc. (947 sq. m.)
- Development at the Centre is guided by the 1995 Master Plan for the site which identifies upgrading or replacement of most of the site facilities. Implementation of the Master Plan is expected to occur over many years, prioritized by program needs and physical conditions. Based on the City's physical assessment of the indoor arena, barn and stable, the Preliminary Business Plan (2009) identified the replacement of these facilities as the highest priority in the implementation of the Master Plan.
- A City Physical Assessment recommended no additional funds be expended on the existing facility which is beyond economic repair.
- A Preliminary Business Plan for a new Whitemud Equine Learning Centre (WELC) was reviewed and approved by the City of Edmonton in March 2009. The review recommended a Detailed Business Plan be prepared. The Association has submitted an updated business case for City's review and approval. The Business Case outlines proposed timelines and costing for the project.
- The project capital cost to accommodate the proposed development is \$15.891 million (2010 dollars). Fundraising activities will generate one-quarter of these funds. The provincial and federal government will be asked to contribute \$4M each and Whitemud Equine Learning Centre Association is requesting \$4M from the City of Edmonton.
- The key activities and preliminary timelines are as follows: Fundraising (May 2011 - Apr. 2013); Design & Approvals: (May 2012 - Mar. 2013); Construction (May 2013 - Feb. 2014); Opening (May 2014).
- Business Case, concept and design planning and compliance with the River Valley Bylaw will be required prior to approval for these projects as they are located in the River Valley.
- Design work will take place in 2012/13 and redevelopment will commence in 2014/2015. Proposed development may be phased depending on funding.
- Upon the WELCA securing the required project funding, and the Project Team resolving any River Valley bylaw and change to parkland process requirements the City may have, the City and the WELCA will enter into a variety of agreements including but not limited to lease, operating and funding agreements for use and stewardship of the site.
- WELCA is responsible for the management and ongoing operations of the facility.
- At this stage, WELCA has the finances in place for concept and design planning work and are developing plans to raise project funding from various levels of government, corporate sponsorship and private donors.

The anticipated project financing is:

General Financing	\$4,000
Partnership Fin.	\$4,000
Fed Grant	\$4,000
Prov Grant	\$4,000
<b>TOTAL</b>	<b>\$16,000</b>

Upon completion of the project, the asset will be transferred over to the City of Edmonton, thereby \$11,900 as gifted asset plus City contributed \$4,000 toward the Equine Centre.

#12-35: Remove partnership funding as COE is not the project manager. Once project is complete, WELCA will pass the asset to the City.



# CAPITAL PROFILE REPORT

Profile Page 2

## PROFILE JUSTIFICATION

- In 2001, the Whitemud Equine Centre Association and the Friends of Whitemud Equine Centre amalgamated to form the Whitemud Equine Learning Centre Association (WELCA). This group was formed to govern and operate the Whitemud Equine Centre under a lease with the City.
- Redevelopment of facilities is a priority for the continuation of WELCA in a viable fashion.
- In 2006 and 2008, a Lifecycle Planning and Building Condition Assessment was completed by AMPW noting that the building systems generally displayed evidence of deterioration because of water penetration / infiltration, normal weather and aging infrastructure.
- In a summary of deficiencies the site improvements - roofing, exterior enclosures, foundations, superstructure, interior construction and finishes were found to be in fair / poor condition.
- As recently as January 2011, the City of Edmonton's Building Maintenance Departments indicated to WELCA that the deteriorating condition of the indoor arena and attached barn were deemed to be beyond repair. If the project does not proceed the buildings will become unusable and the Equine Centre will close.
- The current WELCA board has redeveloped their vision and has begun work on the conceptual site planning for the redevelopment of the site. Facility redevelopment is also a priority for WELCA to become a regional centre for equestrian education and training.
- WELCA will be responsible for all major and minor maintenance.

Operating impact - 2014 - \$1k annually is required for the purpose of carrying out annual inspection and report writing.

## CHANGES TO APPROVED PROFILE

Administration is seeking approval that the scope of the Whitemud Equine Centre Redevelopment project be reduced to replace the most critical infrastructure elements as part of a phased approach toward the long term vision and the revised capital profile 12-21-5742. Funding realities and the declining structural integrity of the facility have forced WELCA to re-evaluate the 2011 Business Plan. Phase 1 will include replacing priority facilities in order for operations to continue. The first phase concept includes a new fully-accessible indoor arena with seating, attached stalls for horses, support space, indoor washrooms, administration space and classroom space. This new concept would replace the deteriorating indoor arena, attached stables and office trailers. Administration and WELCA are collaborating to provide an update to the Business Case (2011) in Fall 2014. The project will include percent for art, operating impacts of capital and City project management oversight.

On July 7, 2014, Community Services Committee recommend to City Council that the Whitemud Equine Centre Redevelopment Project, be increased by \$2.5 million to a total of \$6.5 million, with the source of funds for the \$2.5 million being partner funding. Council authorized to spend up to \$400k of the approved profile for further design and cost estimation and report back to CS Committee prior to yr end 2014.

On August 25, 2015 City Council approved the transfer of \$1.5 million from the Building and Facility Rehabilitation #CM-75-0100 to the Whitemud Equine Centre #12-21-5742, to combine the arena replacement and rehabilitation work.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Whitemud Equine Centre Redevelopment****FUNDED**PROFILE NUMBER: **12-21-5742**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	8,000	-	-	-	-	-	-	-	-	-	-	8,000
	2012 CBS Budget Adjustment	-4,500	-	-	-	-	-	-	-	-	-	-	-4,500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	500	-	-	-	-	-	-	-	-	-	-	500
	2014 Cap Capital Budget Adj (one-off)	-	2,500	-	-	-	-	-	-	-	-	-	2,500
	2014 Cap Carry Forward	-3,909	3,909	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1	-	-	-	-	-	-	-	-	-	1
	2015 Cap Capital Budget Adj (one-off)	-	-	526	466	508	-	-	-	-	-	-	1,500
	Current Approved Budget	91	6,410	526	466	508	-	-	-	-	-	-	8,001
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	89	3,411	376	466	508	-	-	-	-	-	-	4,850
	Partnership Funding	1	2,500	-	-	-	-	-	-	-	-	-	2,501
	Pay-As-You-Go	1	499	150	-	-	-	-	-	-	-	-	650
	Current Approved Funding Sources	91	6,410	526	466	508	-	-	-	-	-	-	8,001

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	91	6,410	526	466	508	-	-	-	-	-	-	8,001
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	89	3,411	376	466	508	-	-	-	-	-	-	4,850
	Partnership Funding	1	2,500	-	-	-	-	-	-	-	-	-	2,501
	Pay-As-You-Go	1	499	150	-	-	-	-	-	-	-	-	650
	Requested Funding Source	91	6,410	526	466	508	-	-	-	-	-	-	8,001

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	91	3,910	526	466	508	-	-	-	-	-	-	5,501
	Other Costs	-	2,500	-	-	-	-	-	-	-	-	-	2,500
	Total	91	6,410	526	466	508	-	-	-	-	-	-	8,001

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RECREATION FACILITY SAFETY AND SECURITY**  
 PROFILE: **12-21-5771**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	2,311
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,311
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**PROFILE DESCRIPTION**

This composite allows for the purchase of high dollar value and service delivery equipment that is integral to the safety and security of patrons and customers using recreation facilities and the surrounding park settings. It addresses identified safety and theft prevention issues. The equipment included in this composite includes but is not limited to: improved internal and external lighting, communications, video surveillance, access control, key management, uninhibited site lines and other strategies to improve the personal safety and security of customers and staff.

#12-69: Transfer to 09-21-5771 composite to cover budget deficit.

**PROFILE JUSTIFICATION**

The number of recreation facilities and park settings is rapidly growing on an annual basis and additional funds are required to keep pace with growth and address the existing demand. Personal safety and security continues to be a growing issue for customers and staff. Many recreation facilities and park settings were not designed to deal with today's safety and security issues. Customers and the community expect recreation facilities and park settings to be safe and secure places to play and work. Most recreation facilities and park settings have conditions that cause people to perceive the area may not be safe or secure. Through consultation with customers, stakeholders, public and law enforcement, the recreation facilities and park settings can be more safe and secure. Funding levels are required to purchase the equipment. The outcome of these projects would be recreation facilities and park settings are considered by customers and staff as safe and secure places where they can enjoy spending their time participating in a healthy lifestyle, and to minimize the loss of revenue and strengthen the credibility of City staff.

This project supports the Way Ahead through the 10 year goal of "Improving Edmonton's Livability" meeting the corporate outcomes of:

- a) Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- b) Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and "Edmonton is a Caring, Inclusive, Affordable Community".

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Recreation Facility Safety and Security****FUNDED**PROFILE NUMBER: **12-21-5771**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,464	-	-	-	-	-	-	-	-	-	-	2,464
	2012 CBS Budget Adjustment	-547	-	-	-	-	-	-	-	-	-	-	-547
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	383	-	-	-	-	-	-	-	-	-	-	383
	2014 Cap Carry Forward	-306	306	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	11	-	-	-	-	-	-	-	-	-	11
	Current Approved Budget	1,994	317	-	-	-	-	-	-	-	-	-	2,311
	Approved Funding Sources												
	Partnership Funding	11	-	-	-	-	-	-	-	-	-	-	11
APPROVED FUNDING SOURCES	Pay-As-You-Go	1,983	317	-	-	-	-	-	-	-	-	-	2,300
	Current Approved Funding Sources	1,994	317	-	-	-	-	-	-	-	-	-	2,311

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,994	317	-	-	-	-	-	-	-	-	-	2,311
	Requested Funding Source												
	Partnership Funding	11	-	-	-	-	-	-	-	-	-	-	11
	Pay-As-You-Go	1,983	317	-	-	-	-	-	-	-	-	-	2,300
	Requested Funding Source	1,994	317	-	-	-	-	-	-	-	-	-	2,311

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-306	317	-	-	-	-	-	-	-	-	-	11
	Other Costs	2,300	-	-	-	-	-	-	-	-	-	-	2,300
	Total	1,994	317	-	-	-	-	-	-	-	-	-	2,311

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT EDMONTON PARK UTILITY REPLACEMENT**  
 PROFILE: **12-21-6973**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>7,582</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>7,582</b>

**PROFILE DESCRIPTION**

This project will provide funding for the replacement of all utility services in Fort Edmonton Park. These utilities include gas, power and water distribution systems, storm drainage and sanitary sewage collection systems, sanitary lift station and telephone and communication systems. All these systems are at the end of their life cycle and are in need of replacement to support the current operations at the Fort as well as the growth in new venues as outlined in the new Fort Master plan that has been approved by Council. The first phase of funding for 2012 - 2014 will replace the sanitary lift station. It has been identified as having the greatest risk of failure. The project priorities and scope of work following the sanitary lift station will be prescribed by the recently completed Utility Master Plan (January 2011.)

**PROFILE JUSTIFICATION**

This project supports the Way Ahead through the 10 year goal of "Improve Edmonton's Liveability" meeting the corporate outcomes of:

- Citizens use City infrastructure and participate in services and programs that provide enjoyment and personal health benefits.
- Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community", "Edmonton Celebrates Life", and Edmonton is a Caring, Inclusive, Affordable Community".

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fort Edmonton Park Utility Replacement****FUNDED**PROFILE NUMBER: **12-21-6973**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,855	-	-	-	-	-	-	-	-	-	-	7,855
	2012 CBS Budget Adjustment	-2,688	-	-	-	-	-	-	-	-	-	-	-2,688
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,688	-	-	-	-	-	-	-	-	-	-	2,688
	2014 Cap Carry Forward	-1,500	1,500	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-273	-	-	-	-	-	-	-	-	-	-	-273
	Current Approved Budget	6,082	1,500	-	-	-	-	-	-	-	-	-	7,582
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	5,613	406	-	-	-	-	-	-	-	-	-	6,019
APPROVED BUDGET	Pay-As-You-Go	469	1,094	-	-	-	-	-	-	-	-	-	1,563
	Current Approved Funding Sources	6,082	1,500	-	-	-	-	-	-	-	-	-	7,582

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,082	1,500	-	-	-	-	-	-	-	-	-	7,582
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	5,613	406	-	-	-	-	-	-	-	-	-	6,019
	Pay-As-You-Go	469	1,094	-	-	-	-	-	-	-	-	-	1,563
	Requested Funding Source	6,082	1,500	-	-	-	-	-	-	-	-	-	7,582

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,773	1,500	-	-	-	-	-	-	-	-	-	-273
	Other Costs	7,855	-	-	-	-	-	-	-	-	-	-	7,855
	Total	6,082	1,500	-	-	-	-	-	-	-	-	-	7,582

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BORDEN PARK NATURAL SWIMMING POND**  
 PROFILE: **12-21-8683**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Recreation & Culture		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,497</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,497</b>

**PROFILE DESCRIPTION**

The Borden Park Natural Swimming Pond project replaces the existing Borden Park Outdoor Pool built in 1925 with a natural swimming pond as recommended in the Borden Park Natural Pond Feasibility study completed in 2010. The Project will include the demolition of the pool and partial demolition of the amenity buildings as confirmed by Planning & Development, the relocation of historical elements as identified by Planning and Development, the design and construction of the natural swimming pond, supporting infrastructure and required soil remediation. The construction of the Natural Swimming Pond in 2012 would coincide with the final phase of the Borden Park Revitalization Plan.

**PROFILE JUSTIFICATION**

Borden Park Outdoor pool, built in 1925 has exceeded its life span. As part of the Borden Park Master Plan a review of the outdoor aquatic elements was completed and identified a natural swimming pond concept as a innovative sustainable alternative option. The feasibility of a natural swimming pond was further explored in the October 2010 Borden Park Natural Swimming Pond Feasibility report which concluded from a climatological, technical and health and safety stance, the option was deemed viable and desirable.

The Natural Swimming Pond supports the City's Strategic Plan, The Way Ahead 10-year goals:

- Improving Edmonton's livability meeting the corporate outcome: Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefit; and
- Preserve & Sustain Edmonton's Environment meeting the corporate outcome: The impact of City operations on air, land, and water systems is minimized.

The Way We Live: Edmonton's People Plan provides direction by integrating existing plans including: Council approved Recreation Facility Master Plan, Urban Parks Management Plan and the Outdoor Aquatic Strategy 2008-2017.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Borden Park Natural Swimming Pond****FUNDED**PROFILE NUMBER: **12-21-8683**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,497	-	-	-	-	-	-	-	-	-	-	14,497
	2012 CBS Budget Adjustment	-600	-	-	-	-	-	-	-	-	-	-	-600
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	600	-	-	-	-	-	-	-	-	-	-	600
	2014 Cap Carry Forward	-13,278	13,278	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	1,219	13,278	-	-	-	-	-	-	-	-	-	14,497
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	1,141	12,206	-	-	-	-	-	-	-	-	-	13,347
	Pay-As-You-Go	78	1,072	-	-	-	-	-	-	-	-	-	1,150
	Current Approved Funding Sources	1,219	13,278	-	-	-	-	-	-	-	-	-	14,497

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,219	13,278	-	-	-	-	-	-	-	-	-	14,497
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	1,141	12,206	-	-	-	-	-	-	-	-	-	13,347
	Pay-As-You-Go	78	1,072	-	-	-	-	-	-	-	-	-	1,150
	Requested Funding Source	1,219	13,278	-	-	-	-	-	-	-	-	-	14,497

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-13,278	13,278	-	-	-	-	-	-	-	-	-	-
	Other Costs	14,497	-	-	-	-	-	-	-	-	-	-	14,497
	Total	1,219	13,278	-	-	-	-	-	-	-	-	-	14,497

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	356	356	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>356</b>	<b>356</b>	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIROMENTAL SUSTAINABILITY COMPOSITE**  
 PROFILE: **12-21-9783**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>287</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>287</b>

**PROFILE DESCRIPTION**

This composite allows for the planned purchase of high dollar value program and pollution prevention equipment that is integral to preserve and sustain Edmonton's environment. It addresses identified activities products and services that cause significant environmental impacts and may involve regulatory implications. The equipment and programs in the Composite are derived from Environmental Management Programs that includes Pollution Prevention and Abatement Equipment such as ground protection barrier sorbents, composting equipment, fuel tank systems, equipment washing/pesticide mixing stations, sensor devices, chemical storage, water reuse and irrigation equipment and renewable energy technology.

**PROFILE JUSTIFICATION**

To provide funding to support the goal to preserve Edmonton's environment with innovations to improve the environment in a sustainable way that would minimize the ecological footprint of the City. CFS has been ISO 14001 registered August 2010, and has established environmental management programs with targets subject to audits that must be exceeded over time. The ISO 14001: 2004 Standard, 4.4.1 Resources, roles, responsibility and authority mandates that "Management shall ensure the availability of resources essential to establish, implement, maintain and improve the environmental management system. Resources include human resources and specialized skills, organizational infrastructure, technology and financial resources". In accordance with the City's Environmental Policy C512, prevention of pollution, compliance with regulatory legislation and continual improvement must be demonstrated with all requirements of the ISO 14001 Standard. The new programs and equipment will improve environmental performance and public image, reduce liability with fewer environmental incidences, streamline operating systems, reduce waste and create a safer facility with increased employee pride.

This project supports the Way Ahead through the 10 year goal of "Preserve and Sustain Edmonton's Environment" meeting the corporate progress measure of:

- consumption of non-renewable and non-recyclable resources decreases
- natural environment is protected, enhanced and restored
- environmental health of the city improves

The Way We Green is the new environmental strategic plan that builds on a vision, describing the sustainable and resilient city we want Edmonton to become. The capital investment of green initiatives is usually offset (in whole in in part) with a variety of benefits including:

- operational benefits (e.g. lower utility and maintenance expenses, longer useful life, and/or increased worker productivity)
- social benefits (e.g. benefits to human health)
- environmental benefits (e.g. reduction in greenhouse gases)

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer \$28k PAYG to Drainage profile (12-26-9616) for Muttart water collection project

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Enviromental Sustainability Composite****FUNDED**PROFILE NUMBER: **12-21-9783**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	315	-	-	-	-	-	-	-	-	-	-	315
	2012 CBS Budget Adjustment	-29	-	-	-	-	-	-	-	-	-	-	-29
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	29	-	-	-	-	-	-	-	-	-	-	29
	2014 Cap Carry Forward	-14	14	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-28	-	-	-	-	-	-	-	-	-	-	-28
	Current Approved Budget	273	14	-	-	-	-	-	-	-	-	-	287
	Approved Funding Sources												
	Pay-As-You-Go	273	14	-	-	-	-	-	-	-	-	-	287
	Current Approved Funding Sources	273	14	-	-	-	-	-	-	-	-	-	287

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	273	14	-	-	-	-	-	-	-	-	-	287
	Requested Funding Source												
	Pay-As-You-Go	273	14	-	-	-	-	-	-	-	-	-	287
	Requested Funding Source	273	14	-	-	-	-	-	-	-	-	-	287

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-14	14	-	-	-	-	-	-	-	-	-	-
	Other Costs	287	-	-	-	-	-	-	-	-	-	-	287
	Total	273	14	-	-	-	-	-	-	-	-	-	287

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ANIMAL CARE & CONTROL FACILITY UPGRADES**  
 PROFILE: **13-21-0915**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>764</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>764</b>

**PROFILE DESCRIPTION**

This profile will fund the garage expansion at the new Animal Care & Control Centre located at 13550 - 163 Street. The expansion is required to allow all Animal Control fleet vehicles access to the garage as well as to provide sufficient setback (vehicle to solid wall / door structures) for handling and use of equipment to ensure safe handling of dangerous and restricted animals. The profile will also fund very minor changes to other areas in the facility to facilitate the humane treatment and ethical care of animals to industry standards.

Note: Profile (05-17-1550) funded the original construction of the Animal Control Facility. It has been closed and the carry forward funding transferred to this profile.

#13-37: Reorganization change - to transfer the remaining approved funding in this project from Sustainable Development to Community Services \$867.

**PROFILE BACKGROUND**

The City's Animal Care and Control Officers and Animal Care staff work together in this new building to provide more integrated service to Edmontonians and reunite pets with their owners. The 2,120 square metre (22,800 square feet) building holds up to 120 dogs and 150 cats. It deals with almost 8,000 lost pets found in Edmonton each year. The facility also has an area especially designed for other pets that are occasionally found, like reptiles and rabbits, and provides emergency overflow and disaster animal housing for the Edmonton Humane Society.

**PROFILE JUSTIFICATION**

Once the building become operational in 2011, it was discovered that the original design compromised the safety of animal health staff and Animal Control Officers, as the garage did not accommodate the size of some of the existing fleet vehicles and the animal handling set back distances were inadequate for safe handling. The upgrades will meet with Councils direction to improve services to Edmontonians, ensure public safety and the safety of staff while ensuring better care for strays, injured, restricted and feral animals.

**CHANGES TO APPROVED PROFILE**

#15-41-9 (Fall SBA): Transfer \$103k from 13-21-0915 to CM-21-5771 to enable Community Standards to purchase replacement radios that are a result of the move to AAFRACS.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Animal Care & Control Facility Upgrades****FUNDED**PROFILE NUMBER: **13-21-0915**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	867	-	-	-	-	-	-	-	-	-	-	867
	2014 Cap Carry Forward	-106	106	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-103	-	-	-	-	-	-	-	-	-	-103
	Current Approved Budget	761	3	-	-	-	-	-	-	-	-	-	764
	Approved Funding Sources												
	Pay-As-You-Go	761	3	-	-	-	-	-	-	-	-	-	764
	Current Approved Funding Sources	761	3	-	-	-	-	-	-	-	-	-	764

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	761	3	-	-	-	-	-	-	-	-	-	764
	Requested Funding Source												
	Pay-As-You-Go	761	3	-	-	-	-	-	-	-	-	-	764
	Requested Funding Source	761	3	-	-	-	-	-	-	-	-	-	764

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-106	106	-	-	-	-	-	-	-	-	-	-
	Equip FurnFixt	-	-103	-	-	-	-	-	-	-	-	-	-103
	Other Costs	867	-	-	-	-	-	-	-	-	-	-	867
	Total	761	3	-	-	-	-	-	-	-	-	-	764

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMMONWEALTH STADIUM LOCKER RM RETROFIT**  
 PROFILE: **13-21-2003**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Smyth R**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2013**ESTIMATED COMPLETION: **December, 2015**Service Category: **Recreation & Culture**

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**2,400**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**2,400****PROFILE DESCRIPTION**

Edmonton will host a round of the FIFA 2015 Women's World Cup and may be selected to host quarter/semi/final games and special events. It is anticipated that Edmonton will be awarded hosting rights for the FIFA U20 Women's World Cup in 2014; announcements to be made in early 2013. There is an opportunity to make improvements to Commonwealth Stadium as part of hosting the Women's World Cups that will better address the FIFA requirements for dressing rooms, medical rooms and doping control rooms. These capital upgrades focus on improvements and support the overall effectiveness and efficiencies of one of Edmonton's major event venues. The profile includes:

1. Design and retrofit of the CFL Visiting Team Locker Room, Support Spaces and Staff Spaces (\$1.9 million) to include 4 team dressing rooms, player medical rooms, referee areas and doping control to address FIFA standards.

#13-30: Funding will be used to make improvements to Commonwealth Stadium to address the requirements for hosting the FIFA Women's World Cups in 2014 & 2015. The project includes: Design and retrofit of CFL Visiting Team Locker Room, Support and Staff Spaces to include 4 team dressing rooms, medical rooms, referee areas and doping control as per FIFA standards. The capital upgrades will also improve and support the overall effectiveness and efficiencies of this major event venue.

Requires a draw of \$500K from the Stadium Reserve and the net funding requested is \$825K of PAYG.

Transfer PAYG \$175 from 10-21-2000 to 13-21-2003.

Transfer Stadium Reserve of \$400 from 12-21-2000 to 13-21-2003.

**PROFILE JUSTIFICATION**

Enhancing and maintaining a premier stadium that attracts major events supports the City of Edmonton's Strategic Road Map The Way Ahead and its 10-year goals and corporate outcomes through Improving Edmonton's Livability and Diversifying Edmonton's Economy:

- Citizens use City recreation facilities and participate in services and programs that provide enjoyment and personal health benefits
- Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services
- The City has a positive and attractive reputation making it competitive nationally and internationally

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Commonwealth Stadium Locker Rm Retrofit****FUNDED**PROFILE NUMBER: **13-21-2003**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,900	-	-	-	-	-	-	-	-	-	-	1,900
	2014 Cap Capital Budget Adj (one-off)	500	-	-	-	-	-	-	-	-	-	-	500
	2014 Cap Carry Forward	-364	364	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,036	364	-	-	-	-	-	-	-	-	-	2,400
	Approved Funding Sources												
	Pay-As-You-Go	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Stadium Reserve	1,036	364	-	-	-	-	-	-	-	-	-	1,400
	Current Approved Funding Sources	2,036	364	-	-	-	-	-	-	-	-	-	2,400

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,036	364	-	-	-	-	-	-	-	-	-	2,400
	Requested Funding Source												
	Pay-As-You-Go	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Stadium Reserve	1,036	364	-	-	-	-	-	-	-	-	-	1,400
	Requested Funding Source	2,036	364	-	-	-	-	-	-	-	-	-	2,400

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-364	364	-	-	-	-	-	-	-	-	-	-
	Other Costs	2,400	-	-	-	-	-	-	-	-	-	-	2,400
	Total	2,036	364	-	-	-	-	-	-	-	-	-	2,400

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMMONWEALTH STADIUM - JUMBOTRON & SOUND**  
 PROFILE: **13-21-2083**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Smyth R**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2013**ESTIMATED COMPLETION: **December, 2015**Service Category: **Recreation & Culture**

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**5,280**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**5,280****PROFILE DESCRIPTION**

The lifecycle replacement of the Jumbotron and Sound System equipment will support Commonwealth Stadium on an ongoing basis and will ideally be completed in advance of the FIFA Women's World Cup of Soccer events in 2014 and 2015. Both were purchased and installed in 1999 and 2000; both have a life expectancy of 15 years. A technical report has been completed that outlines the current status and upgrade requirements. Costs to replace the Jumbotron (including the required support equipment) is estimated at \$3.7M with replacement of the sound system estimated at \$1.58M for a total of \$5.28M.

On July 17, 2013 Council approved Motion 6.11 to transfer funds from two profiles to fund profile 13-21-5820 Jumbotron and Sound System. An additional \$80k is approved from the Stadium Reserve account. Cashflow changes are required as the equipment will not be received until 2014 due to the late approval of this project.

The Sound System and Jumbotron at Commonwealth Stadium are nearing the end of their lifecycle and may require significant repair or replacement in the next couple of years. They were purchased and installed in 1999 and 2000, and both have a life expectancy of 15 years. Administration is currently exploring options and costs for a system upgrade versus the removal and replacement of the existing systems. Initial costing to upgrade to the Jumbotron (including the required support equipment) was estimated at \$5.1M with replacement of the sound system estimated at \$2.5M for a total of \$7.6M. The report is expected to be completed in April 2013.

**PROFILE JUSTIFICATION**

Enhancing and maintaining a premier stadium that attracts major events supports the City of Edmonton's Strategic Road Map The Way Ahead and its 10-year goals and corporate outcomes through Improving Edmonton's Livability and Diversifying Edmonton's Economy:

- Citizens use City recreation facilities and participate in services and programs that provide enjoyment and personal health benefits
- Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services
- The City has a positive and attractive reputation making it competitive nationally and internationally

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Commonwealth Stadium - Jumbotron & Sound****FUNDED**PROFILE NUMBER: **13-21-2083**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	5,280	-	-	-	-	-	-	-	-	-	-	5,280
	2014 Cap Carry Forward	-179	179	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	5,101	179	-	-	-	-	-	-	-	-	-	5,280
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	2,000	-	-	-	-	-	-	-	-	-	-	2,000
	Pay-As-You-Go	2,999	1	-	-	-	-	-	-	-	-	-	3,000
	Stadium Reserve	102	178	-	-	-	-	-	-	-	-	-	280
	Current Approved Funding Sources	5,101	179	-	-	-	-	-	-	-	-	-	5,280

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,101	179	-	-	-	-	-	-	-	-	-	5,280
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	2,000	-	-	-	-	-	-	-	-	-	-	2,000
	Pay-As-You-Go	2,999	1	-	-	-	-	-	-	-	-	-	3,000
	Stadium Reserve	102	178	-	-	-	-	-	-	-	-	-	280
	Requested Funding Source	5,101	179	-	-	-	-	-	-	-	-	-	5,280

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-179	179	-	-	-	-	-	-	-	-	-	-
	Other Costs	5,280	-	-	-	-	-	-	-	-	-	-	5,280
	Total	5,101	179	-	-	-	-	-	-	-	-	-	5,280

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	152	152	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>152</b>	<b>152</b>	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SOUTH HAVEN CEMETERY SERV BLDG & ROAD**  
 PROFILE: **13-21-5350**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	6,393
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,393
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**PROFILE DESCRIPTION**

Build a sales and service building at South Haven Cemetery to support current and future customer service and cemetery operations. This will include services: cistern and septic, power, and heating. (There are no existing services at the site other than power.) A road that connects to Meridian Street and to the existing roadway in the cemetery. The building program includes a public area: (Reception, foyer, display, washrooms, and family rooms), an administration area (offices, meeting rooms, records room, merchandise storage, cash room), and a field services area: (shop, garage and service bay with a crane hoist, locker rooms, kitchen and an outdoor field yard).

#13-35: Council Meeting minutes 6.8 dated Nov 28, 2012 approved using Perpetual Care Reserve to fund the South Haven Sales and Administration Building & Roadway (\$6.175M). There is adequate funding available in the Perpetual Care Reserve for an additional escalated cost of \$218K. (Total Project cost \$6.393M).

**PROFILE JUSTIFICATION**

Operations and sales staff for City of Edmonton cemeteries are all based out of Beechmount Cemetery located on the north side. All the historical and developed cemeteries owned by the City of Edmonton are full and remaining areas are nearly sold out. As these cemeteries near capacity, sales and cemetery services will increase at the two larger undeveloped cemeteries of South Haven and Northern Lights. South Haven is a priority because it is located much further away from the current base of operations and sales at Beechmount, creating greater inefficiencies for operating at South Haven than at Northern Lights. The new building will improve service to the public who can meet sales staff on site at the cemetery to meet their after death care needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **South Haven Cemetery Serv Bldg & Road****FUNDED**PROFILE NUMBER: **13-21-5350**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,919	2,474	-	-	-	-	-	-	-	-	-	6,393
	2014 Cap Carry Forward	-3,637	3,637	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	282	6,111	-	-	-	-	-	-	-	-	-	6,393
	Approved Funding Sources												
	Other Reserve	282	6,111	-	-	-	-	-	-	-	-	-	6,393
	Current Approved Funding Sources	282	6,111	-	-	-	-	-	-	-	-	-	6,393

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	282	6,111	-	-	-	-	-	-	-	-	-	6,393
	Requested Funding Source												
	Other Reserve	282	6,111	-	-	-	-	-	-	-	-	-	6,393
	Requested Funding Source	282	6,111	-	-	-	-	-	-	-	-	-	6,393

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-3,290	3,637	-	-	-	-	-	-	-	-	-	347
	Other Costs	3,572	2,474	-	-	-	-	-	-	-	-	-	6,046
	Total	282	6,111	-	-	-	-	-	-	-	-	-	6,393

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	112	112	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	112	112	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EDMONTON VALLEY ZOO UTILITIES REPLACEMENT**  
 PROFILE: **13-21-8843**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Smyth R
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	1,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,000
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**PROFILE DESCRIPTION**

This project will provide funding for replacement of all utility services in Edmonton Valley Zoo. These utilities include gas, power and water distribution systems, storm drainage and sanitary sewage collection systems. Portions of these systems are at the end of their life cycle or are nearing capacity and are in need of replacement or repair to support the current operations at the Zoo as well as the growth in new exhibits/habitats as outlined in the 2005 Edmonton Valley Zoo master plan that has been approved by Council.

The funded \$1M will be used for the utility design of the water distribution system which is the highest priority project and provide the initial utility upgrades for existing and future development.

**PROFILE JUSTIFICATION**

The original Edmonton Valley Zoo Utilities were put in during the 1950's at the time of the Zoo construction. They are now at the end of their life cycle and need replacement or upgrading.

This project supports the Way Ahead through the 10 year goal of "Improving Edmonton's Livability" meeting the corporate outcomes of:

- a) Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- b) Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and "Edmonton is a Caring, Inclusive, Affordable Community".

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Edmonton Valley Zoo Utilities Replacemen****FUNDED**PROFILE NUMBER: **13-21-8843**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-56	56	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	944	56	-	-	-	-	-	-	-	-	-	1,000
	Approved Funding Sources												
	Pay-As-You-Go	944	56	-	-	-	-	-	-	-	-	-	1,000
	Current Approved Funding Sources	944	56	-	-	-	-	-	-	-	-	-	1,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	944	56	-	-	-	-	-	-	-	-	-	1,000
	Requested Funding Source												
	Pay-As-You-Go	944	56	-	-	-	-	-	-	-	-	-	1,000
	Requested Funding Source	944	56	-	-	-	-	-	-	-	-	-	1,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-56	56	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Total	944	56	-	-	-	-	-	-	-	-	-	1,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CASTLE DOWNS ARENA RENEWAL**  
 PROFILE: **15-21-1500**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
2

RENEWAL
98

PREVIOUSLY APPROVED:	10,613
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,613
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**PROFILE DESCRIPTION**

Castle Downs Arena Renewal includes ice plant, dasher boards, header trench and other architectural, mechanical, and electrical lifecycle replacements.

**PROFILE BACKGROUND**

City Council approved 10-year Arena Capital Development Strategy outlines the proposed changes to the inventory of arenas, including the condition of existing arenas and the potential of new ice surfaces. Castle Downs is identified as a priority.

**PROFILE JUSTIFICATION**

Supports "The Way We Live" and "The Way we Grow" plans, goals and outcomes; integrates the Recreation Facility Master Plan and 10-Year Arena Capital Development Strategy; aligns with Infrastructure Strategy; increases program opportunities; and keeps neighbourhoods lively & vibrant.

**STRATEGIC ALIGNMENT**

The project supports goals and outcomes including Improving Edmonton's Livability and Transforming Edmonton's Urban Form. It also supports the Infrastructure Strategy, Recreation Facility Master Plan and 10-Year Arena Capital Development Strategy.

**ALTERNATIVES CONSIDERED**

Alternatives were extensively explored in the development of the 10-Year Arena Capital Development Strategy. Castle Downs Arena supports the cost effective model of twin arenas. The only alternative is to consider postponing the renewal until 2019.

**COST BENEFITS**

The project will incorporate arena trends and changes in facility operating standards and improve the current RIMS assessment. Renewal will improve the physical condition of the infrastructure, extend the lifecycle and reduce maintenance costs. A well-maintained, aesthetically pleasing facility will encourage citizens to enjoy recreation opportunities. The profile cost estimate is +/- 50% accurate based at the preliminary design stage.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

The City of Edmonton seeks to purchase goods, services and construction fairly based on best value. Community and Recreation Facilities will follow Human Resource Management policies and procedures for engagement, training and retention of staff.

**CONCLUSIONS AND RECOMMENDATIONS**

The arena renewal is a priority for capital improvements identified in the 10-Year Arena Capital Development Strategy. The project includes upgrades to electronics, safety, general building, mechanical and electrical, including ice plant replacement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Castle Downs Arena Renewal****FUNDED**PROFILE NUMBER: **15-21-1500**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	519	3,241	5,004	-	-	-	-	-	-	-	8,764
	2015 Cap Council	-	-	-	277	1,572	-	-	-	-	-	-	1,849
	Current Approved Budget	-	519	3,241	5,281	1,572	-	-	-	-	-	-	10,613
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	440	2,917	4,752	1,572	-	-	-	-	-	-	9,682
	Pay-As-You-Go	-	79	324	528	-	-	-	-	-	-	-	931
	Current Approved Funding Sources	-	519	3,241	5,281	1,572	-	-	-	-	-	-	10,613

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	519	3,241	5,281	1,572	-	-	-	-	-	-	10,613
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	440	2,917	4,752	1,572	-	-	-	-	-	-	9,682
	Pay-As-You-Go	-	79	324	528	-	-	-	-	-	-	-	931
	Requested Funding Source	-	519	3,241	5,281	1,572	-	-	-	-	-	-	10,613

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	3,014	4,635	-	-	-	-	-	-	-	7,649
	Design	-	490	227	464	1,572	-	-	-	-	-	-	2,752
	Equip FurnFixt	-	-	-	151	-	-	-	-	-	-	-	151
	Percent for Art	-	29	-	31	-	-	-	-	-	-	-	60
	Total	-	519	3,241	5,281	1,572	-	-	-	-	-	-	10,613

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	114	114	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>114</b>	<b>114</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **JASPER PLACE LEISURE CENTRE RENEWAL**  
 PROFILE: **15-21-2180**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2021
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
2

RENEWAL
98

PREVIOUSLY APPROVED:	7,751
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	7,751
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**PROFILE DESCRIPTION**

Renewal of Jasper Place Leisure Centre: Phase I (2015-18) infrastructure deficiencies, pool deck drainage & tile, windows, ceiling, structural repairs, and retrofit of change rooms. Future Phase II - Expansion : integration of facilities including Jasper Place Fitness & Leisure Centre, Jasper Place Annex and Bill Hunter Arena into a multi purpose recreation centre.

**PROFILE BACKGROUND**

The Council approved Medium Term Recreation Facility and Sports Field Plan recommendations for the west includes redevelopment of Jasper Place Fitness and Leisure Centre into an integrated multi-purpose facility with Bill Hunter Arena and Jasper Place Annex.

**PROFILE JUSTIFICATION**

Supports the Way We Live and the Way We Grow plans & outcomes; integrates the Recreation Facility Master Plan; aligns with Infrastructure Strategy; increases program opportunities; and keeps mature neighbourhoods lively & vibrant. Phase I addresses imminent infrastructure deficiencies.

**STRATEGIC ALIGNMENT**

The project supports corporate goals and outcomes including The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; and the Infrastructure Strategy supporting long-term infrastructure investments.

**ALTERNATIVES CONSIDERED**

Alternatives were explored in the Recreation Facility Master Plan, Medium Term Recreation Facility Plan and the 2011 Jasper Place Feasibility Study.

**COST BENEFITS**

Citizens will have access to and benefit from recreation and leisure programs and services. The expanded facility will increase overall attendance. Edmonton's quality of life and livability will benefit from Jasper Place Leisure Centre. Physical activity, sports and recreation opportunities, cultural activities for all ages and abilities is important and benefits citizen's enjoyment, personal health and wellness.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

The City seeks to purchase goods, services and construction fairly based on best value. Community & Recreation Facilities will operate the Centre following Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

Phase 1 renewal Jasper Place Fitness and Leisure Centre supports addressing critical lifecycle infrastructure requirements and then enhancing the centre to meet today's high demand and tomorrow's future needs in a future phase II

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Jasper Place Leisure Centre Renewal****FUNDED**PROFILE NUMBER: **15-21-2180**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751
	Current Approved Budget	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	303	3,898	2,730	-	-	-	-	-	-	-	6,931
	Pay-As-You-Go	-	43	448	329	-	-	-	-	-	-	-	820
	Current Approved Funding Sources	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	303	3,898	2,730	-	-	-	-	-	-	-	6,931
	Pay-As-You-Go	-	43	448	329	-	-	-	-	-	-	-	820
	Requested Funding Source	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,987	2,724	-	-	-	-	-	-	-	6,711
	Design	-	336	345	177	-	-	-	-	-	-	-	857
	Equip FurnFixt	-	-	-	133	-	-	-	-	-	-	-	133
	Percent for Art	-	9	15	25	-	-	-	-	-	-	-	50
	Total	-	346	4,346	3,059	-	-	-	-	-	-	-	7,751

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	108	108	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	108	108	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT EDMONTON PARK - CATERING KITCHEN**  
 PROFILE: **15-21-5355**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME:  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Rob Smyth**  
 LEAD BRANCH MANAGER: **Rob Smyth**  
 ESTIMATED START: **July, 2015**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Recreation &amp; Culture</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,800</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,800</b>

**PROFILE DESCRIPTION**

The construction of a kitchen facility onto the back of the Blatchford Hangar will improve labour efficiency and support future revenue opportunities through growth and expansion of venues at Fort Edmonton.

Fort Edmonton Management Company will be responsible for the management and coordination of the architects, engineers and construction contractors. The timeline for the project is as follows:

- Conceptual design work and cost estimates completed - March 5.
- Detailed design construction drawings completed - April 30.
- Review and approval of architectural 60% & 90% drawings by City of Edmonton - May/June.
- Construction tendered and awarded - July.
- Construction start in July, 2015 with a completion date late fall/early winter.

The profile is requesting \$1.8 million from the City to support construction. The Management Company and Foundation are contributing \$1,000,000 to design and outfitting the kitchen. The total project cost is estimated at \$2.8 million.

**PROFILE BACKGROUND**

In the past the food service operation has been contracted out to external caterers. In 2013, the Fort Edmonton Management Company passed a motion to bring all catering and food service in-house.

The Company embarked on this initiative in 2014, utilizing a temporary catering kitchen trailer with separate storage areas and dish washing stations as an interim solution. The kitchen staff are working in an inefficient environment.

The existing food preparation facilities at the Selkirk hotel, Jasper House bakery and rented mobile kitchen trailer have the capacity to prepare 600 plates, 2 consecutive evenings, 4 nights out of the week. This services a portion of the forecasted 2015 demand.

The construction of the catering kitchen will allow prep work for the outlets, fast food, bakery and ice cream to be undertaken under the same roof creating labour efficiencies. The new catering kitchen will have the workspace and cooking capacity to accommodate current and future demand.

**PROFILE JUSTIFICATION**

In the past, Fort Edmonton Park has subcontracted the catering and food services to external caterers. In 2013, The Company passed a motion to bring all catering services in-house starting in 2014 with full implementation in 2015.

To support this initiative additional catering/kitchen facilities was required. As an interim step a temporary kitchen facility was leased for a short term solution. The goal is to retrofit the existing Blatchford Hangar to support all catering food service.

Current issues are:

- Lack of cooler and freezer capacity for food storage
- Kitchen unable to produce product in a single run- soup, sauces, stews, sandwiches and platters for buffets
- Kitchen staff are working in an inefficient work environment impacting morale and turnover

These constraints will be mitigated with the construction of the catering kitchen with improved efficiency and have a workspace to accommodate current and future demand.

**STRATEGIC ALIGNMENT**

This initiative is a direct result of the approved 2010 master plan and aligns with corporate outcomes of improving Edmonton's livability— it connects Edmontonian's and Albertan's to their history, heritage and unique role as Alberta's capital city.

# CAPITAL PROFILE REPORT

## ALTERNATIVES CONSIDERED

Fort Edmonton could continue to rent the mobile kitchen trailer and dishwasher at a cost of approximately \$160,000 per year. The mobile kitchen trailer is inefficient because of lack of workspace and the increased handling costs and food contamination.

Fort Edmonton could subcontract external caterers to service the demand for fast food and catering food preparation and delivery services however Fort Edmonton would not be able to control the quality of the food and service. The commission received from external caterers would also be significantly lower than potential margins if the food and beverage services were managed in-house.

## COST BENEFITS

The kitchen construction will improve labour efficiency and costs by centralizing food preparation. It will also provide the following tangible benefits:

- Control of the quality of food and service.
- Clients will have one-stop shopping for rental venues and catering services.
- This initiative will positively impact Park operations and visitor experience with new net revenues going to programs (no new tax levy needed).

## RESOURCES

The Company will manage the architects and construction contractors.

City will complete drawing reviews.

On commissioning, the asset will be transferred to the City for maintenance. The kitchen will be operated by the The Management Company.

## CONCLUSIONS AND RECOMMENDATIONS

The Fort Edmonton Management Company recommends the City support the construction of the catering kitchen expansion at Blatchford Hangar by providing funding of \$1,800,000

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Fort Edmonton Park - Catering Kitchen****FUNDED**PROFILE NUMBER: **15-21-5355**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,800	-	-	-	-	-	-	-	-	-	1,800
	Current Approved Budget	-	1,800	-	-	-	-	-	-	-	-	-	1,800
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Pay-As-You-Go	-	300	-	-	-	-	-	-	-	-	-	300
	Current Approved Funding Sources	-	1,800	-	-	-	-	-	-	-	-	-	1,800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,800	-	-	-	-	-	-	-	-	-	1,800
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,500	-	-	-	-	-	-	-	-	-	1,500
	Pay-As-You-Go	-	300	-	-	-	-	-	-	-	-	-	300
	Requested Funding Source	-	1,800	-	-	-	-	-	-	-	-	-	1,800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,800	-	-	-	-	-	-	-	-	-	1,800
	Total	-	1,800	-	-	-	-	-	-	-	-	-	1,800

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Uncategorized Expenses

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Facility and Landscape Infrastructure	-	36	36	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	36	36	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VALLEY ZOO - NATURE'S WILD BACKYARD**  
 PROFILE: **15-21-5357**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	25,375
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	25,375
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**PROFILE DESCRIPTION**

Nature's Wild Backyard project rehabilitates the zoo infrastructure creating an immersive child focused experience. Work includes design and revitalization of animal exhibits, interpretive features and visitor services. Animals featured include foxes, capybaras, meerkats, red pandas, farm animals and others.

**PROFILE BACKGROUND**

Completion of Nature's Wild Backyard is the major revitalization step in the Council approved 2005 Edmonton Valley Zoo Master Plan. The Zoo's original infrastructure, developed in the late 1950's, has reached the end of its lifecycle and no longer meets zoo standards. This profile scope is for completion of Phase I of Nature's Wild Backyard. The project offers an opportunity to build on the success of recently completed zoo projects, reignite Citizen's passion, and ensure that the zoo continues to be a special place that inspires love and learning of animals and nature. The Valley Zoo Development Society has committed \$ 3M towards Phase 1 of the project. This profile is linked to profile 15-21-8843, the Valley Zoo Utilities profile (2nd Water Main).

**PROFILE JUSTIFICATION**

This project will preserve City assets, increase attendance and revenue, and will ensure the Edmonton Valley Zoo continues to meet required industry standards for animal care, education and safety. Visitor experience will be enhanced with increased interaction. Nature's Wild Backyard focuses on revitalizing an existing facility and providing rich environments that contribute to excellence in animal welfare and enhanced guest experiences. Council's strategic policy directions will be implemented by ensuring infrastructure is efficiently managed and providing an enhanced quality of life through the provision of outstanding parks and public spaces. Further, this project will support the primary goal of the Valley Zoo Development Society to support construction and development of exhibits operated by the City.

**STRATEGIC ALIGNMENT**

The project aligns with: The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edm's Urban Form; City Council's Infrastructure Strategy; and Council approved Edmonton Valley Zoo Master Plan

**ALTERNATIVES CONSIDERED**

Alternatives were explored through the Zoo Master Plan, 2008 Wander and Nature's Wild Backyard Concept Update and 2014 Nature's Wild Backyard Schematic Design. The current infrastructure is at the end of the lifecycle and do not meet industry standards

**COST BENEFITS**

Tangible Benefits include a) Improved quality of life for animals in care; b) Reduced maintenance costs through improved infrastructure; and c) Improved services/amenities to enhance visitor experience. Intangible Benefits include: a) Social Capital through community engagement; and b) Economic Vitality by attracting business and workers.

**KEY RISKS & MITIGATING STRATEGY**

The risk management framework will be applied to the project and will continue to develop and evolve as the project and partnerships are defined. Risk: VZDS do not achieve their funding commitment. Mitigation: Scope reduced to meet realized funds.

**RESOURCES**

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. Nature's Wild Backyard will be operated by the COE, CS and will follow the Human Resource Management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

Funding Phase I Nature's Wild Backyard for 2015-2018 in the amount of \$25.4 M is recommended for City asset preservation.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Valley Zoo - Natures Wild Backyard****FUNDED**PROFILE NUMBER: **15-21-5357**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375
	Current Approved Budget	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	682	2,871	5,932	10,454	-	-	-	-	-	-	19,939
	Partnership Funding	-	-	-	1,500	1,500	-	-	-	-	-	-	3,000
	Pay-As-You-Go	-	76	343	659	1,358	-	-	-	-	-	-	2,436
	Current Approved Funding Sources	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	682	2,871	5,932	10,454	-	-	-	-	-	-	19,939
	Partnership Funding	-	-	-	1,500	1,500	-	-	-	-	-	-	3,000
	Pay-As-You-Go	-	76	343	659	1,358	-	-	-	-	-	-	2,436
	Requested Funding Source	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	2,154	7,692	11,714	-	-	-	-	-	-	21,561
	Design	-	758	1,036	398	408	-	-	-	-	-	-	2,600
	Equip FurnFixt	-	-	-	-	993	-	-	-	-	-	-	993
	Percent for Art	-	-	24	-	197	-	-	-	-	-	-	221
	Total	-	758	3,214	8,091	13,312	-	-	-	-	-	-	25,375

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel, Revenue, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	300	300	-	200	-	-200	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>300</b>	<b>300</b>	-	<b>200</b>	-	<b>-200</b>	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NORTH EDMONTON SENIOR ASSOC.-RENOVATION**  
 PROFILE: **15-21-5525**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Smyth R**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2012**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	-
	<b>100</b>	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	-

**PROFILE DESCRIPTION**

This project will complete the second and third phases of the planned expansion of the Northgate Lions Seniors Recreation Centre. The second phase two storey addition will see 6,500 square feet of multi-use meeting and program space, a special needs classroom and gym storage added to the building. The third phase will add 6,540 square feet of two storey space featuring a social room, theatre space, expanded washroom facilities and improved office space.

**PROFILE JUSTIFICATION**

This project aligns with City Council's special initiative related to Seniors issues and is consistent with the Draft Seniors Centre Plan. Edmonton has an aging population and will require additional seniors facilities to accommodate the demands of future seniors. Attendance at Northgate Lions has increased from to over 130,000 putting increasing demand for the need of more programming space. In the next 25 years, the number of seniors on the north side will increase by a project 100% to over 80,000. The numbers of seniors in neighbourhoods such as Clareview, Castledowns and the Lake District close to the Centre will increase to 22,000 in the next 25 years. Future seniors will demand facilities which provide space for special needs groups like Adult Day programs, computers, physical fitness activities, social activities and space for specialized support services like clinics/health services, legal, home maintenance and outreach programs. Expansion of the Centre will provide space for an increase in attendance for 50,000 - 100,000 annually and an integrated HUB for social and recreational programs and services for seniors in Northeast Edmonton. This is a partnership project between the City of Edmonton, the North Edmonton Seniors Association and the Northgate Lions Club.

This project supports the Way Ahead through the 10 year goal of "Improving Edmonton's Livability" meeting the corporate outcomes of:

- a) Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- b) Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services.

The Way We Live is supported through the following goals: "Edmonton is a Vibrant, Connected, Engaged and Welcoming Community"; "Edmonton Celebrates Life"; and "Edmonton is a Caring, Inclusive, Affordable Community".

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **North Edmonton Senior Assoc.-Renovation****FUNDED**PROFILE NUMBER: **15-21-5525**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	198	-	-	-	-	-	-	-	-	-	-	198
	2012 CBS Budget Adjustment	-198	-	-	-	-	-	-	-	-	-	-	-198
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	203	203	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>203</b>	<b>203</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	LEWIS FARMS COMMUNITY RECREATION CENTRE AND LIBRARY	<b>FUNDED</b>
PROFILE	15-21-5785	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Community & Recreation Facilities	PROFILE MANAGER: Rob Smyth
PROGRAM NAME:	Facility Operations	LEAD BRANCH MANAGER: Rob Smyth
LEAD BRANCH:	Community & Recreation Facilities	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2018

Service Category:	Recreation & Culture	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	3,700
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	3,700

**PROFILE DESCRIPTION**

Development of a community recreation centre at Lewis Farms District Park including a training aquatic venue, fitness centre, gymnasium, multipurpose spaces, twin arenas, access and parking. In December 2014 Council approved the following amendment to the 2015-2018 Capital Budget: That Capital Profile Lewis Farms Community Recreation Centre #15-21-5785 be added and funded in the amount of \$3.5 million to fund schematic design of the Lewis Farms Community Recreation Centre and the Lewis Estates Library, with funding from an increase in PAYG.

**PROFILE BACKGROUND**

Council approved Recreation Facility Master Plan and Medium Term Recreation Facility and Sports Field Plan recommendations include the development of a community recreation centre on Lewis Farms District Park in the west suburban growth area of the city.

In December 2014 Council approved the following amendment to the 2015-2018 Capital Budget: That Capital Profile Lewis Farms Community Recreation Centre #15-21-5785 be added and funded in the amount of \$3.5 million to fund schematic design of the Lewis Farms Community Recreation Centre and the Lewis Estates Library, with funding from an increase in PAYG.

**PROFILE JUSTIFICATION**

Supports the Way's plans and outcomes; integrates with Recreation Facility Master Plan, 10-Year Arena Capital Strategy, and Medium Term Recreation Facility Plan; increases program opportunities in suburban growth area of city.

**STRATEGIC ALIGNMENT**

The project supports corporate goals and outcomes including The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form and The Way We Prosper: Diversifying Edmonton's Economy and the Infrastructure Strategy.

**ALTERNATIVES CONSIDERED**

Alternatives were explored through the development of the Recreation Facility Master Plan, Medium Term Recreation Facility and Sports Field Plan, and the 2011 Functional Program Study for Lewis Farms.

**COST BENEFITS**

Citizens will have access to and benefit from programs and services that provide enjoyment and personal health benefits. Attendance generated by the Centre will increase overall participation in recreation facilities. Edmonton's quality of life and livability benefits from physical, sport, leisure, cultural and recreation opportunities and activities for all ages and abilities.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to be develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

The City of Edmonton seeks to purchase goods, services and construction fairly and based on best value. Community and Recreation Facilities will follow Human Resource Management policies and procedures for engagement, training and retention of staff.

**CONCLUSIONS AND RECOMMENDATIONS**

Lewis Farms Community Recreation Centre is envisioned to be a welcoming, vibrant, dynamic place that serves the west catchment area and aquatic sport users as identified in the Council approved Recreation Facility Master Plan and Medium Term Plan.

**CHANGES TO APPROVED PROFILE**

In December 2014 Council approved the following amendment to the 2015-2018 Capital Budget: That Capital Profile Lewis Farms Community Recreation Centre #15-21-5785 be added and funded in the amount of \$3.5 million to fund schematic design of the Lewis Farms Community Recreation Centre and the Lewis Estates Library, with funding from an increase in PAYG.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Lewis Farms Community Recreation Centre and Library****FUNDED**PROFILE NUMBER: **15-21-5785**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,000	2,500	-	-	-	-	-	-	-	-	3,500
	2015 Cap Council	-	200	-	-	-	-	-	-	-	-	-	200
	Current Approved Budget	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700
	Approved Funding Sources												
	Partnership Funding	-	200	-	-	-	-	-	-	-	-	-	200
	Pay-As-You-Go	-	1,000	2,500	-	-	-	-	-	-	-	-	3,500
	Current Approved Funding Sources	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700
	Requested Funding Source												
	Partnership Funding	-	200	-	-	-	-	-	-	-	-	-	200
	Pay-As-You-Go	-	1,000	2,500	-	-	-	-	-	-	-	-	3,500
	Requested Funding Source	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700
	Total	-	1,200	2,500	-	-	-	-	-	-	-	-	3,700

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Revenue

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	765	765	-	3,892	4,594	702	-	-519	107	626	-	-	108	108	-
Facility and Landscape Infrastructure	-	-	-	-	-	-	-	-	-	2,945	2,945	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>765</b>	<b>765</b>	-	<b>3,892</b>	<b>4,594</b>	<b>702</b>	-	<b>-519</b>	<b>3,052</b>	<b>3,571</b>	-	-	<b>108</b>	<b>108</b>	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CORONATION COMMUNITY RECREATION CENTRE**  
 PROFILE: **15-21-5801**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	December, 2020
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	112,260
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	112,260
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**PROFILE DESCRIPTION**

Design and construction of Coronation Community Recreation Centre will be completed in a phased approach. The facility will create a community hub with a connection to the Peter Hemingway Leisure Centre and includes a fitness centre, multi-purpose spaces, running/walking track, gymnasium and a 250m indoor cycling track.

**PROFILE BACKGROUND**

The Council approved Medium Term Recreation Facility and Sports Field Plan recommendations included expansion of Peter Hemingway into a community recreation facility. A feasibility study supported inclusion of a cycling track in partnership with the Argyll Velodrome Association and Edmonton Triathlon Academy.

**PROFILE JUSTIFICATION**

Supports the Way's plans, goals and outcomes; integrates the Recreation Facility Master Plan; aligns with Infrastructure Strategy; keeps mature neighbourhoods lively and vibrant; increased program opportunities including cycling and triathlon training and events.

**STRATEGIC ALIGNMENT**

The project supports corporate goals and outcomes including The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; The Way We Prosper: Diversifying Edmonton's Economy and the Infrastructure Strategy.

**ALTERNATIVES CONSIDERED**

Alternatives were explored through the development of the Recreation Facility Master Plan, Medium Term Recreation Facility and Sports Field Plan and the 2011 Study to include a cycling track in partnership with Argyll Velodrome Association.

**COST BENEFITS**

Citizens will have access to and benefit from programs and services that provide enjoyment and personal health benefits. Attendance generated by the Centre will increase overall participation in recreation facilities. Edmonton's quality of life and livability benefits from physical, sport, leisure, cultural and recreation opportunities and activities for all ages and abilities.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to be developed and evolve as the project and partnerships are defined.

**RESOURCES**

The City of Edmonton seeks to purchase goods, services and construction fairly based on best value. Community and Recreation Facilities will follow Human Resource Management policies and procedures for engagement, training and retention of staff.

**CONCLUSIONS AND RECOMMENDATIONS**

Coronation Community Recreation Centre will meet the recreation, leisure and sport needs of the community and as a facility with a cycling track will enhance the sport development opportunities at all levels for cyclist and triathletes.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Coronation Community Recreation Centre****FUNDED**PROFILE NUMBER: **15-21-5801**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260
	Current Approved Budget	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260
	Approved Funding Sources												
	Partnership Funding	-	-	-	1,450	9,000	9,550	-	-	-	-	-	20,000
	Pay-As-You-Go	-	-	-	-	1,000	-	-	-	-	-	-	1,000
	Tax-Supported Debt	-	-	-	-	5,879	77,000	8,381	-	-	-	-	91,260
	Current Approved Funding Sources	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260
	Requested Funding Source												
	Partnership Funding	-	-	-	1,450	9,000	9,550	-	-	-	-	-	20,000
	Pay-As-You-Go	-	-	-	-	1,000	-	-	-	-	-	-	1,000
	Tax-Supported Debt	-	-	-	-	5,879	77,000	8,381	-	-	-	-	91,260
	Requested Funding Source	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	11,290	81,736	5,956	-	-	-	-	98,983
	Design	-	-	-	1,450	3,865	2,562	2,424	-	-	-	-	10,301
	Equip FurnFixt	-	-	-	-	-	2,251	-	-	-	-	-	2,251
	Percent for Art	-	-	-	-	724	-	-	-	-	-	-	724
	Total	-	-	-	1,450	15,879	86,550	8,381	-	-	-	-	112,260

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Revenue, Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	569	569	-	561	2,330	1,769	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>569</b>	<b>569</b>	-	<b>561</b>	<b>2,330</b>	<b>1,769</b>	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT EDMONTON PARK UTILITIES**  
 PROFILE: **15-21-6973**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2020
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	70,759
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	70,759
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**PROFILE DESCRIPTION**

This profile addresses the repair, replacement and upgrade of utility infrastructure at Fort Edmonton Park. A comprehensive Utility Assessment was completed in 2010 followed by a Utility Master Plan in 2011. Water, power, gas storm and sanitary sewer are all close to the end of their life cycle. The sanitary sewer lines are undersized and need significant maintenance to stay operational. The watermain service is inadequate to provide sufficient flow for fire prevention.

Upgrades to the following systems are needed: storm and drainage collection, water distribution, sanitary sewer, gas and power distribution. A new access road is also needed for emergency evacuation of the site and to support fire fighting capabilities and staff operations.

This profile is linked to Profile 15-21-5354 Fort Edmonton Park Master Plan implementation. It will support the installation of new utility infrastructure for the new attractions that are being planned by the Fort Edmonton Management Company.

**PROFILE BACKGROUND**

Fort Edmonton Park opened in 1974 to provide visitors with a living history experience. After 44 years and confirmation through the 2010 Utility Assessment report, the utilities are at the end of their life-cycle and need replacement. Future development in the park will place a strain on the aging infrastructure. The responsibility for the utility services remains the City of Edmonton's responsibility.

Upgrades to the following systems are needed: storm and drainage collection, water distribution, sanitary sewer, gas and power distribution. A new access road is also needed for emergency evacuation of the site and to support fire fighting capabilities & staff operations.

**PROFILE JUSTIFICATION**

The Fort Edmonton Park's utility infrastructure was installed in the early 1970s. With system failures occurring on a regular basis, a comprehensive Utility Assessment was completed in 2010. The utilities were identified to be at the end of their life cycle and in need of upgrading to support current and future activities as well as new development at the Fort. The 2011 Fort Utility Master Plan laid out the new utility infrastructure in back-of-house locations to minimize the disruptions to the Fort's operation.

Fort Edmonton Management Company has a number of new attractions that are in the planning stages. The utility upgrades are needed to support this new growth as the projects are situated in both new and established areas of the park.

**STRATEGIC ALIGNMENT**

The project supports "The Way We Live".

- Citizens use Fort Edmonton Park as a destination to learn and live Edmonton's history. The Park and facilities, programs and services provide enjoyment and personal health benefits.

**ALTERNATIVES CONSIDERED**

Options include:

- a) Break the project into smaller phases. Finding a contractor to take on a smaller scope of work will be difficult.
- b) Do nothing and repair lines as they fail. This will cause significant disruption to the Park.

**COST BENEFITS**

Tangible benefits - utility replacement will ensure the Park's heritage buildings are preserved, Park remains operational, visitors have a safe and reliable destination, maintenance costs decrease.

Intangible benefits - if perception is that a facility has reliable infrastructure, visitors will come & generate revenue. Continual disruptions erode public confidence in the facility.

Cost: is estimated at \$33.430M with a 30% contingency included.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects and will continue to develop and evolve as the project is defined.

# CAPITAL PROFILE REPORT

## RESOURCES

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. The project will be operated by the City. Community Services will follow the Human Resource Management policies and guidelines.

## CONCLUSIONS AND RECOMMENDATIONS

With the utilities near the end of their life-cycle, the infrastructure replacement is required to maintain a safe and viable operation. The recommendation is replace all the utility infrastructure by 2020.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Fort Edmonton Park Utilities****FUNDED**PROFILE NUMBER: **15-21-6973**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759
	Current Approved Budget	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,725	485	4,461	23,128	27,196	6,696	-	-	-	-	63,690
	Pay-As-You-Go	-	191	54	496	2,892	2,692	744	-	-	-	-	7,068
	Current Approved Funding Sources	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,725	485	4,461	23,128	27,196	6,696	-	-	-	-	63,690
	Pay-As-You-Go	-	191	54	496	2,892	2,692	744	-	-	-	-	7,068
	Requested Funding Source	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759
	Total	-	1,916	538	4,956	26,020	29,888	7,440	-	-	-	-	70,759

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VALLEY ZOO UTILITIES**  
 PROFILE: **15-21-8843**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2022
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	3,520
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	3,520

**PROFILE DESCRIPTION**

This profile addresses the repair, replacement and upgrade of utility infrastructure required for zoo operations. A 16-month comprehensive Utility Assessment was completed in 2012 for the Edmonton Valley Zoo which identified the condition of the existing utility infrastructure and required upgrades to sustain zoo operations and renovation as per the Council approved 2005 Valley Zoo Master Plan. The most significant area of concern was the water distribution system. The watermain service was determined to be inadequate to provide sufficient flow for fire prevention and support future development. A 2nd watermain service was installed to the property line in 2014, however additional funds are required to tie in the water service from the property line to the existing zoo distribution system. This profile is linked to the Zoo Nature Wild Backyard profile 15-21-5357.

**PROFILE BACKGROUND**

A 16-month comprehensive Utility Assessment was completed in 2012 for the Edmonton Valley Zoo. The Assessment identified the condition of the existing utility infrastructure and required upgrades to sustain zoo operations and renovation as per the Council approved 2005 Edmonton Valley Zoo Master Plan. In addition to assessing the current utility infrastructure conditions, a Utility Replacement Master Plan Strategy was proposed. Analysis completed on the Zoo utilities infrastructure determined that the electrical and gas service has reached its limit, and the sewer system requires rehabilitation. Most significant, the water distribution system was determined to be inadequate to provide sufficient flow for fire prevention and support future development. A 2nd watermain service was installed to the property line in 2014, however additional funds are required to tie in the water service from the property line to the existing zoo distribution system.

**PROFILE JUSTIFICATION**

The original Edmonton Valley Zoo utilities, installed in the 1950's, are at the end of their lifecycle and require replacement. Replacement of utilities will support the current operations at the Zoo and the continuing implementation of the Edmonton Valley Zoo Master Plan approved by City Council in 2005. The Edmonton Valley Zoo Utility Assessment Report indicates that the water main service is inadequate and cannot provide the flow requirements to suppress a fire due to low system flow nor support daily operational needs as the Zoo continues to develop. In the event of a fire, animal welfare and City assets may be at risk. Completion of a 2nd water main connection will provide improve fire protection for the newly constructed Polar Extremes: Arctic Shores and the Entry Plaza and Wander, provide the zoo with a redundant water source, and improve water flow rates for fire prevention.

**STRATEGIC ALIGNMENT**

The project aligns with: The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; and City Council's Infrastructure Strategy; and The Edmonton Valley Zoo Master Plan.

**ALTERNATIVES CONSIDERED**

Other alternatives considered included not replacing utilities or replacing when utilities fail. If these approaches are implemented, current services provided at the zoo may not be able to be maintained, nor will the Master Plan be realized.

**COST BENEFITS**

Tangible Benefits include a) Quality of Life for animals in care and visitors; b) Reduced Maintenance Costs through improved infrastructure; and c) Improved Services/Amenities to enhance visitor experience.

Intangible Benefits include: a) Quality of Life- providing safe and quality experience for citizens; and b) Social Capital-though community engagement.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. Due to the complexity of this project, an external consultant will be engaged, supported by existing City Administration staff resources

**CONCLUSIONS AND RECOMMENDATIONS**

Funding of Edmonton Valley Zoo Utilities profile for 2015-2018 in the amount of \$ 3.5M.

# CAPITAL PROFILE REPORT



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Valley Zoo Utilities****FUNDED**PROFILE NUMBER: **15-21-8843**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520
	Current Approved Budget	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,229	1,938	-	-	-	-	-	-	-	-	3,168
	Pay-As-You-Go	-	137	215	-	-	-	-	-	-	-	-	352
	Current Approved Funding Sources	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,229	1,938	-	-	-	-	-	-	-	-	3,168
	Pay-As-You-Go	-	137	215	-	-	-	-	-	-	-	-	352
	Requested Funding Source	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	326	2,154	-	-	-	-	-	-	-	-	2,479
	Design	-	1,040	-	-	-	-	-	-	-	-	-	1,040
	Total	-	1,366	2,154	-	-	-	-	-	-	-	-	3,520

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Facility and Landscape Infrastructure	-	347	347	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>347</b>	<b>347</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **QUEEN ELIZABETH PARK PHASE 2**  
 PROFILE: **15-28-1700**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:	
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<b>GROWTH</b>	<b>RENEWAL</b>
10	90

PREVIOUSLY APPROVED:	5,248
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	5,248

**PROFILE DESCRIPTION**

This project will transform the functionality and capacity of Queen Elizabeth Park through implementation of the renewal components from Phase 2 of the City Council-approved master plan including some growth components such as the Aboriginal Art Park. Funding will support renewal of current infrastructure including the existing parking lot, park entries, picnic and seating areas, lookouts, as well as the Aboriginal Public Art Park and supporting shade shelter infrastructure. Phase 2 will require additional design work (scheduled for 2015), environmental approval under the River Valley Bylaw, engagement with the Aboriginal community as directed by the Steering Committee and coordination with the Edmonton Arts Council in the procurement of art pieces. Construction completion is anticipated for 2017.

**PROFILE BACKGROUND**

Queen Elizabeth Park has historically played an important recreational and cultural role in Edmonton. Over the years the park's functionality and capacity has declined, necessitating the need to renew this important, centrally located park. With the decommissioning and removal of the former Queen Elizabeth Outdoor Pool, the park presently offers limited opportunities to recreate. Additionally, there are a number of planned changes in the area, including the new Walterdale Bridge and the 'touch the water' promenade in Rosedale, which would benefit from the parks' renewal. Phase 2 of the Queen Elizabeth Park Master Plan, approved by City Council in August 2013, provides unique cultural and recreational opportunities for Edmontonians, including one of the first curated Aboriginal Public Art Parks.

**PROFILE JUSTIFICATION**

The projects in this profile will allow Queen Elizabeth Park to play a revitalized role in the recreational and cultural life of Edmonton and create a place-specific memorable park that capitalizes on the site's prominent location at the entrance to the city's core. With the removal of the outdoor pool, the park's condition, functionality and capacity have declined. The park is highly visible, centrally located and adjacent to the dynamic areas of Downtown and Strathcona. The park is adjacent to the new Walterdale Bridge and Rosedale, where there is need to renew the park to welcome new uses and increase visitation. These projects will renew existing amenities in the park and improve the aesthetic value of the area. Additionally, the development of Canada's first Aboriginal Art Park presents a timely opportunity for Edmonton to facilitate Aboriginal cultural self-expression.

**STRATEGIC ALIGNMENT**

These projects align with strategic directions identified in The Way We Live, The Way We Grow, The Way We Move, WinterCity Strategy, the City's Public Art Master Plan, Urban Parks Management Plan and the Edmonton Urban Aboriginal Accord.

**ALTERNATIVES CONSIDERED**

Alternatives include: 1) to fund limited rehabilitation projects through existing composite programs; 2) reduce the number of identified renewals and/or phase the projects over a longer period; or, 3) to leave the park in its current state.

**COST BENEFITS**

Completion of Phase 2 of the Queen Elizabeth Park Master Plan will ensure park users have a safe and enjoyable experience, access to and benefit from renewed amenities, including Canada's first Aboriginal Public Art Park. The value of well-maintained parks contribute to the economic, social, cultural and environmental health of the city. Cost estimates were completed by the consultant team and reviewed by the City. Contingency is based at 25%.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

City of Edmonton seeks to purchase goods, services, construction fairly and based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

The recommendation is to fund the Phase 2 renewal components of the Queen Elizabeth Park Plan and Aboriginal Public Art Park in the amount of \$5.4 million, to allow for one of the first Aboriginal Art Parks and renewal of existing infrastructure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Queen Elizabeth Park Phase 2**

PROFILE NUMBER: **15-28-1700**

BRANCH: **Community & Recreation Facilities**

**FUNDED**

PROFILE TYPE: **Standalone**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	947	2,585	1,917	-	-	-	-	-	-	-	5,448
	2015 Cap Council	-	-200	-	-	-	-	-	-	-	-	-	-200
	Current Approved Budget	-	747	2,585	1,917	-	-	-	-	-	-	-	5,248
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	852	2,283	1,722	-	-	-	-	-	-	-	4,857
	Pay-As-You-Go	-	-105	302	195	-	-	-	-	-	-	-	391
	Current Approved Funding Sources	-	747	2,585	1,917	-	-	-	-	-	-	-	5,248

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	747	2,585	1,917	-	-	-	-	-	-	-	5,248
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	852	2,283	1,722	-	-	-	-	-	-	-	4,857
	Pay-As-You-Go	-	-105	302	195	-	-	-	-	-	-	-	391
	Requested Funding Source	-	747	2,585	1,917	-	-	-	-	-	-	-	5,248

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	346	2,439	1,917	-	-	-	-	-	-	-	4,702
	Design	-	601	144	-	-	-	-	-	-	-	-	745
	Percent for Art	-	-200	1	-	-	-	-	-	-	-	-	-199
	Total	-	747	2,585	1,917	-	-	-	-	-	-	-	5,248

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Personnel, Uncategorized Expenses, Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	135	135	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility and Landscape Infrastructure	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Neighbourhoods	-	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>148</b>	<b>148</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUENA VISTA / LAURIER PARK RENEWAL**  
 PROFILE: **15-28-1900**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,725</b>
<b>10</b>	<b>90</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,725</b>

**PROFILE DESCRIPTION**

This profile implements the renewal components identified in the City Council approved Buena Vista/Sir Wilfrid Laurier Park Master Plan. Implementation of the renewal components in Phase II of the Master Plan includes parking and road renewal, pathway renewal on the existing riverside path, renewal of the existing washrooms in Laurier Park, picnic site rehabilitation and renewal of two existing playgrounds.

**PROFILE BACKGROUND**

Buena Vista/Sir Wilfrid Laurier Park master plan which was completed in 2014 and approved by City Council, is a ten year plan guiding the growth, renewal and investment in the parks. This profile involves implementation of the renewal components identified in Phase II of the master plan. Existing amenities including washrooms, roads, pathways and playgrounds are reaching the end of their service life. The renewal projects identified in master plan becomes a means to support increasing and ever changing patterns of use while ensuring the long-term ecological integrity of the river valley is preserved.

**PROFILE JUSTIFICATION**

The Master Plan supports the City's commitment to renew the river valley park system as outlined in the Urban Parks Management Plan, North Saskatchewan River Valley Area Redevelopment Plan, The Ribbon of Green Master Plan, The Way Ahead, and The Way We Live. The renewal of the park provides opportunities for recreational, aesthetic and cultural activities and ensures long term sustainability of the parks. Implementation of the renewal components of Phase II of the master plan will adhere to the Buena Vista/Sir Wilfrid Laurier Park Master Plan report.

**STRATEGIC ALIGNMENT**

Development of the renewal components of Phase II of the master plan supports The Way We Grow by protecting and enhancing the river valley and ravine park system as an accessible year round place for recreation and activity for people of all ages.

**ALTERNATIVES CONSIDERED**

Implementation of Phase II is required to maintain a high quality park space. Alternatives to consider are reducing the number of planned renewals. This could entail the renewal of one playground as opposed to two. Parking and access renewal could be phased to undertake selective parking rehabilitation. The scale of road work could be more selective to undertake basic maintenance work. The number of picnic areas to be rehabilitated to accommodate barrier free design could be reduced. Parking renewal could also be scaled back to only patch areas in the parking lot that are problematic. It may be possible to extend the service life of existing washroom facilities through enhanced maintenance and more selective replacement of fixtures but this solution may result in failing infrastructure and impacts to the users of the park.

**COST BENEFITS**

Park life cycle will be increased through renewal of existing amenities that are nearing the end of their service life including washrooms, trails, playgrounds and picnic areas. Total project costs are estimated at \$4.6M including \$160K in design, \$4.4M in construction.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project is further defined.

**RESOURCES**

City of Edmonton seeks to purchase goods, services, construction fairly and based on best value. Community Strategies and Development will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

Implementation of the renewal projects in Phase II will ensure long-term sustainability of these parks with an emphasis on renewal and replacement of existing infrastructure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Buena Vista / Laurier Park Renewal****FUNDED**PROFILE NUMBER: **15-28-1900**PROFILE TYPE: **Standalone**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725
	Current Approved Budget	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	151	1,320	1,402	1,329	-	-	-	-	-	-	4,203
	Pay-As-You-Go	-	17	129	218	158	-	-	-	-	-	-	523
	Current Approved Funding Sources	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	151	1,320	1,402	1,329	-	-	-	-	-	-	4,203
	Pay-As-You-Go	-	17	129	218	158	-	-	-	-	-	-	523
	Requested Funding Source	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	1,449	1,620	1,488	-	-	-	-	-	-	4,557
	Design	-	168	-	-	-	-	-	-	-	-	-	168
	Total	-	168	1,449	1,620	1,488	-	-	-	-	-	-	4,725

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel, Uncategorized Expenses

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	140	140	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>140</b>	<b>140</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMMONWEALTH STADIUM EQUIPMENT**  
 PROFILE: **CM-21-2000**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	800
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	800
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**PROFILE DESCRIPTION**

This project allows for the planned replacement of high dollar value program and service delivery equipment that is integral to supporting revenue generation within the Stadium by addressing identified demand, capacity and functionality issues.

**PROFILE BACKGROUND**

This Composite allows for the planned replacement of high dollar value program and service delivery equipment that is integral to supporting revenue generation within the Stadium. The Composite is funded from the Commonwealth Stadium Reserve Fund.

**PROFILE JUSTIFICATION**

If the Stadium equipment is not replaced or kept up to date, there can be impacts to customer satisfaction and revenue generation due to faulty or outdated equipment.

**STRATEGIC ALIGNMENT**

The Commonwealth Stadium Equipment Composite contributes to goals in The Way We Live and The Way We Grow.

**ALTERNATIVES CONSIDERED**

As the City has committed to establishing and maintaining the Commonwealth Stadium Reserve Fund, and an approved process is required for enabling equipment renewal from this fund, alternatives are not identified.

**COST BENEFITS**

The Composite is requesting \$200k per year from the Stadium Reserve Fund.

**Tangible Benefits**

1. Old or failing service equipment is replaced
2. Safety incidents involving equipment are reduced.
3. The Stadium is able to utilize new and current technologies.

**Intangible Benefits**

1. Customer satisfaction increases
2. Stadium proactively and reactively responds to identified issues ensuring excellent service for customers/users.

**KEY RISKS & MITIGATING STRATEGY**

The key risks of not approving this expenditure from Reserve would prevent the Stadium from effectively responding to equipment needs, thereby decreasing the marketability of, and customer satisfaction with, Commonwealth Stadium.

**RESOURCES**

Expenditure decisions are determined by the Community Services Leadership Team and all purchasing is done in alignment with City policies and procedures, including Administrative Directive A1439B.

**CONCLUSIONS AND RECOMMENDATIONS**

Community and Recreation Facilities is recommending the continued funding of this composite for 2015-2018.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Commonwealth Stadium Equipment****FUNDED**PROFILE NUMBER: **CM-21-2000**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	200	200	200	200	-	-	-	-	-	-	800
	Current Approved Budget	-	200	200	200	200	-	-	-	-	-	-	800
	Approved Funding Sources												
	Stadium Reserve	-	200	200	200	200	-	-	-	-	-	-	800
	Current Approved Funding Sources	-	200	200	200	200	-	-	-	-	-	-	800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	200	200	200	200	-	-	-	-	-	-	800
	Requested Funding Source												
	Stadium Reserve	-	200	200	200	200	-	-	-	-	-	-	800
	Requested Funding Source	-	200	200	200	200	-	-	-	-	-	-	800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	200	200	200	200	-	-	-	-	-	-	800
	Total	-	200	200	200	200	-	-	-	-	-	-	800

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EQUIPMENT CONSERVATION**  
 PROFILE: **CM-21-5601**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **Facility Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Rob Smyth**  
 LEAD BRANCH MANAGER: **Rob Smyth**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,225</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,225</b>

**PROFILE DESCRIPTION**

Equipment Conservation provides for the planned replacement of high dollar value program/service delivery equipment to optimize performance in the areas of revenue generation, customer service and facility operations within the Community and Recreation Facilities Branch and Fort Edmonton Park.

Equipment replacement requests must meet the following criteria:

- Minimum value of \$5000.
- Equipment life span > 1 year
- Equipment supports facility services or functionality, but is not rented directly by customers

Equipment categories and funding allocations will be reviewed annually by the Equipment Conservation Committee to be responsive to changing needs and circumstances. For 2015, the planned division of funds is:

Fitness Equipment (ex. cardio, plate-loaded): 45%  
 Operational Equipment (ex. floor scrubber, pool vacuums): 25%  
 Program Equipment (ex. hockey nets, skis, bikes): 15%  
 Furniture & Appliance (ex. tables, chairs): 8%  
 Signage Replacement (ex. wayfinding signs): 7%

**PROFILE BACKGROUND**

The Equipment Conservation Composite was established in 2003 in response to a report from the Office of the Auditor General where it stated: "Leisure Centre operations have not been successful in getting items such as weight room equipment into the capital budget. This equipment needs to be current and in good working condition to maintain day to day operations and positive customer satisfaction with Leisure Centres." As the challenge of funding high dollar value equipment replacement is not limited to fitness equipment, the scope and scale of the Composite has increased over time to include equipment replacement at all facilities operated by the Community and Recreation Facilities Branch.

The current system has proven to be an effective and efficient method for equipment replacement. Since its inception, the Composite has been funding as many as 60 requests per year, and has replaced more than 6000 pieces of equipment.

**PROFILE JUSTIFICATION**

60 community facilities and the River Valley are managed and animated by the Community and Recreation Facilities Branch. In 2013, the Branch recorded an attendance of nearly 7 million visitors. With the opening of two multi-purpose recreation centres in Fall 2014, Branch attendance is expected to grow by another million visitors by the end of 2015. This high volume visitation correlates to significant wear and tear on equipment. The Branch needs to be responsive to replacement requirements in order to meet customer expectations and ensure quality, safe and enjoyable visits.

Cancellation of this equipment replacement program would be noticed by facility users as the following impacts would be realized:

- Decrease in service levels as worn equipment is removed from service but not replaced.
- Slow and inefficient responses to facility maintenance needs.
- Decrease in quality of rental and program spaces.

These impacts may ultimately contribute to decreased attendance and revenues.

**STRATEGIC ALIGNMENT**

This Composite strongly supports The Way Ahead and The Way We Live by contributing to safe, clean facilities where citizens can participate in services and programs that provide enjoyment and personal health benefits.

**ALTERNATIVES CONSIDERED**

A lease vs. buy analysis was conducted with the results indicating a capital purchase to be the preferred option. Another (unpopular) alternative would be a significant increase in user fees to generate the \$1.5M - \$2M required annually.



# CAPITAL PROFILE REPORT

## COST BENEFITS

The Composite is requesting \$7 million for 2015-2018.

### Tangible Benefits

1. Facilities stay competitive.
2. Facilities are kept safe.
3. Significant costs are avoided in trying to maintain/repair old/failing equipment.

### Intangible Benefits

1. Positive facility perception promotes repeat visitation.
2. Ability to proactively and reactively respond to issues that arise.
3. Support ongoing improvements and growth in programs and services

## KEY RISKS & MITIGATING STRATEGY

If funding is not provided, Community and Recreation Facilities will be unable to address equipment replacement which could result in increased safety incidents and customer dissatisfaction.

## RESOURCES

The Composite and associate projects are managed by City of Edmonton employees. All purchasing will adhere to Administrative Directive A1439B: Purchasing Goods, Services and Construction

## CONCLUSIONS AND RECOMMENDATIONS

Given the ongoing needs for equipment replacement within Community and Recreation Facilities, the cost of the equipment and its importance to sustain revenues and attendance, it is recommended that this Composite be fully funded for 2015-2018.

## CHANGES TO APPROVED PROFILE

15-41-10 (Fall SBA): Transfer \$5K PAYG from CM-21-5601 Equipment Conservation to 12-21-5601 Equipment Conservation to cover over expenditures in 2015.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Equipment Conservation****FUNDED**PROFILE NUMBER: **CM-21-5601**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,500	1,500	2,000	2,000	-	-	-	-	-	-	7,000
	2015 Cap Administrative	-	-5	-	-	-	-	-	-	-	-	-	-5
	2015 Cap Council	-	230	-	-	-	-	-	-	-	-	-	230
	Current Approved Budget	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225
	Approved Funding Sources												
	Pay-As-You-Go	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225
	Current Approved Funding Sources	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225
	Requested Funding Source												
	Pay-As-You-Go	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225
	Requested Funding Source	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	1,732	1,500	2,000	2,000	-	-	-	-	-	-	7,232
	Fleet Equipment	-	-2	-	-	-	-	-	-	-	-	-	-2
	Other Costs	-	-5	-	-	-	-	-	-	-	-	-	-5
	Total	-	1,725	1,500	2,000	2,000	-	-	-	-	-	-	7,225

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RIVER VALLEY TRAIL AND PARK RENEWAL**  
 PROFILE: **CM-28-8530**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community & Recreation Facilities**  
 PROGRAM NAME: **River Valley Operations**  
 LEAD BRANCH: **Community & Recreation Facilities**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Rob Smyth
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LEAD BRANCH MANAGER:	Rob Smyth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:	
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GROWTH	RENEWAL
10	90

PREVIOUSLY APPROVED:	16,617
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	16,617

**PROFILE DESCRIPTION**

This composite provides funding for major trail rehabilitation and the renewal and/or refurbishment of aging parks and trails located in the River Valley. There are over 160 kilometers of maintained multi-use trails, 22 major parks and a total of 61 named parks and ravines in the River Valley. This profile will fund major trail rehabilitation to deal with structural stability to further reduce the potential for trail collapses. The projects undertaken within the program will also replace or renew infrastructure in existing River Valley parks which extends the life of existing capital assets or renews aging parks infrastructure such as aging utilities and replacement or renewal of additional assets within the River Valley parks system. A small portion of funding (10%), includes establishing new trail connections where warranted to ensure safe access for users of the system.

**PROFILE BACKGROUND**

Edmonton's River Valley is the longest stretch of urban parkland in North America and is one of the most important tourist attractions for Edmonton. There are over 160 kilometers of trails, 22 major parks and 41 named parks and ravines with attendance of over 10,000,000 visitors a year. The River Valley has experienced numerous trail collapses which have resulted in trail closures. Trail rehabilitation can range in the millions of dollars. Others require attention to rehabilitate and/or replace the utilities due to aging infrastructure. If infrastructure is not replaced/rehabilitated, it will lead to trail closures, parks in disrepair and unsafe conditions for the users of the park and ravine.

This profile will also provide funding for renewal of existing parks that have aging infrastructure. Many parks in the River Valley are in need of re-investment to upgrade existing infrastructure. This funding will extend the life of the City's existing assets and refresh aging parks.

**PROFILE JUSTIFICATION**

Edmonton's River Valley is the longest stretch of urban parkland in North America and is recognized as one of the most important tourist attractions for Edmonton. River Valley trails and parks that have failing infrastructure can lead to trail closures, injury of citizens, programming and scheduling challenges. The River Valley is a valued asset that requires upgrades, rehabilitation and repair due to aging infrastructure and trail damage. Connecting to existing trails will improve access into the River Valley system and will provide increased connectivity from the top of bank to new infrastructure being completed as part of the River Valley Alliance projects. Ongoing funding is needed for re-investment in the River Valley to prevent further deterioration. By providing composite funding, this allows administration to address emerging needs in a timely and proactive manner on a yearly basis, ranking the highest priority issues first.

**STRATEGIC ALIGNMENT**

Alignment includes: Infrastructure Strategy to renew the asset, The Way We Live, Improve Edmonton's Livability, The Way We Grow, protect, preserve and enhance the River Valley as Edmonton's greatest asset and The Way We Move, walkable river valley.

**ALTERNATIVES CONSIDERED**

Alternatives include seeking funding through the Capital Supplementary Budget Adjustment on a yearly basis for urgent projects as a reactive measure or not repair trails or which may result in closed trails, safety issues or re-routing.

**COST BENEFITS**

Tangible benefits are: having safe and accessible trails for citizens, significant costs are avoided in trying to rehabilitate aging park infrastructure, improved services and amenities which will attract more visitors, events and festivals. Intangible benefits include: repeat visits from citizens/visitors which may result in more revenues for city programs and local businesses, meeting citizen's expectations and improving the quality of life.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

This profile and associate projects are managed by City of Edmonton employees. All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. For larger projects external consultants will be used.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Given the ongoing needs for continued investment in the River Valley to manage trail collapses and park renewal, and with no other funding source identified, it is recommended that this profile be funded for 2015-2018.

## CHANGES TO APPROVED PROFILE

January 20, 2015: Adjustment # 2015-GM-022

As part of the regulatory approvals from the Department of Fisheries and Ocean's Canada (DFO) for construction of the Fort Edmonton Footbridge project, the City of Edmonton has to maintain the area within the construction footprint to prevent soil and surface erosion for five years after construction completion. As a result of the high water levels in 2012 & 2013 damage occurred to the rip rap that is required to be repaired as part of the authorization requirement from the DFO's office. There is not enough funding in the original profile to cover this deficiency. Funding is being requested from River Valley Trail and Park Renewal to cover this expense. If funding is approved, work will commence at the end of January 2015.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **River Valley Trail and Park Renewal****FUNDED**PROFILE NUMBER: **CM-28-8530**PROFILE TYPE: **Composite**BRANCH: **Community & Recreation Facilities**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,200	4,500	4,400	3,900	-	-	-	-	-	-	17,000
	2015 Cap Administrative	-	-133	-	-	-	-	-	-	-	-	-	-133
	2015 Cap Capital Budget Adj (one-off)	-	-250	-	-	-	-	-	-	-	-	-	-250
	Current Approved Budget	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617
	Approved Funding Sources												
	Pay-As-You-Go	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617
	Current Approved Funding Sources	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617
	Requested Funding Source												
	Pay-As-You-Go	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617
	Requested Funding Source	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,022	4,100	3,800	3,600	-	-	-	-	-	-	14,522
	Design	-	1,046	400	600	300	-	-	-	-	-	-	2,346
	Other Costs	-	-250	-	-	-	-	-	-	-	-	-	-250
	Total	-	3,817	4,500	4,400	3,900	-	-	-	-	-	-	16,617

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GREAT NEIGHBOURHOODS INITIATIVE**  
 PROFILE: **09-21-5800**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Barnhart K.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2009
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	72,302
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	72,302
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**PROFILE DESCRIPTION**

Great Neighbourhoods Initiative: To ensure that neighbourhood improvements are planned and occur at the same time that roads and/or drainage infrastructure rehabilitation or renewal is undertaken.

This composite complements the Neighbourhood Renewal Program which outlines the investment needed to renew transportation and drainage assets within neighbourhoods. The scheduling of neighbourhoods is determined by Transportation through a 3-year integrated program coordinated with Drainage and Great Neighbourhoods.

**PROFILE JUSTIFICATION**

To ensure that neighbourhood improvements are planned and occur at the same time that roads and/or drainage infrastructure rehabilitation or renewal is undertaken. Outcome: vibrant neighbourhoods and a dynamic downtown. A City with strong, sustainable neighbourhoods, physically sound, with opportunity for all citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Great Neighbourhoods Initiative****FUNDED**PROFILE NUMBER: **09-21-5800**PROFILE TYPE: **Composite**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	55,555	-	-	-	-	-	-	-	-	-	-	55,555
	2009 CBS Budget Adjustment	-6,443	-	-	-	-	-	-	-	-	-	-	-6,443
	2010 CBS Budget Adjustment	-8,697	-	-	-	-	-	-	-	-	-	-	-8,697
	2011 CBS Budget Adjustment	-15,584	-	-	-	-	-	-	-	-	-	-	-15,584
	2012 CBS Budget Adjustment	13,296	-	-	-	-	-	-	-	-	-	-	13,296
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	32,061	-	-	-	-	-	-	-	-	-	-	32,061
	2014 Cap Carry Forward	-3,382	3,382	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	700	-	-	-	-	-	-	-	-	-	-	700
	2015 Cap Administrative	-	-624	-	-	-	-	-	-	-	-	-	-624
	2015 Cap Council	-	2,038	-	-	-	-	-	-	-	-	-	2,038
	Current Approved Budget	67,506	4,796	-	-	-	-	-	-	-	-	-	72,302
	Approved Funding Sources												
	Partnership Funding	200	-70	-	-	-	-	-	-	-	-	-	130
	Pay-As-You-Go	-	13	-	-	-	-	-	-	-	-	-	13
	Tax-Supported Debt	67,306	4,853	-	-	-	-	-	-	-	-	-	72,159
	Current Approved Funding Sources	67,506	4,796	-	-	-	-	-	-	-	-	-	72,302

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	67,506	4,796	-	-	-	-	-	-	-	-	-	72,302
	Requested Funding Source												
	Partnership Funding	200	-70	-	-	-	-	-	-	-	-	-	130
	Pay-As-You-Go	-	13	-	-	-	-	-	-	-	-	-	13
	Tax-Supported Debt	67,306	4,853	-	-	-	-	-	-	-	-	-	72,159
	Requested Funding Source	67,506	4,796	-	-	-	-	-	-	-	-	-	72,302

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,682	4,894	-	-	-	-	-	-	-	-	-	2,212
	Design	-	-35	-	-	-	-	-	-	-	-	-	-35
	Other Costs	70,188	-	-	-	-	-	-	-	-	-	-	70,188
	Percent for Art	-	-63	-	-	-	-	-	-	-	-	-	-63
	Total	67,506	4,796	-	-	-	-	-	-	-	-	-	72,302

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GREAT NEIGHBOURHOODS INITIATIVE**  
 PROFILE: **12-21-5800**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Barnhart K.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Neighbourhood Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>17,891</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>17,891</b>

**PROFILE DESCRIPTION**

As part of the City's ongoing investment in the infrastructure of Edmonton's neighbourhoods, Edmonton City Council first approved the Great Neighbourhood 10-year \$150 million capital budget through Tax Supported Debt (TSD) in December 2008. Any projects underway at year end 2011 under profile 09-21-5800 will continue using TSD as the funding source.

The budget has been cash flowed over 10 years to 2018 with \$45 million being requested for the next budget cycle from 2012 to 2014 using TSD.

The Great Neighbourhood Capital Program was established in the 10-year capital plan to invest about \$15 million per year to develop and deliver on community-identified priorities. This program invests in three key areas:

Neighbourhood Revitalizations - Revitalization projects in Council Approved neighbourhoods through work such as streetscape improvements, property acquisition and arterial road revisions.

The following revitalization areas are council approved. Jasper Place Revitalization: Design from 140 St to 170 St is under way in 2011 with over (\$10.9 m) in construction scheduled from 2012 to 2016. Alberta Avenue: Continuation of the City Council approved Avenue Revitalization will occur with the remaining four phases scheduled through to 2014 at (\$12.9 m). This work will occur in conjunction with Transportation and Streets Roadway rehabilitation. McCauley Revitalization: Design is occurring in 2010/2011 (\$5m) with construction of the three subsequent phases scheduled from 2012 through to 2014 at (\$6.8 m). Central McDougall/Queen Mary Park Revitalization: Design will occur in 2011/2012 (\$2m) with (\$6.7 m) in construction scheduled from 2012 to 2014.

Coordinated Neighbourhood Redevelopment & Improvements - also known as the Great Neighbourhoods Improvement Fund. Types of improvements made through this fund supports renewal and/or intensification efforts and reflects neighbourhood priorities. These projects are coordinated with other City investments, such as Drainage and Transportation rehabilitation and/or renewal work and capitalizes on opportunities for the City to be more efficient and effective. Investments that are made are unique to each neighbourhood and could include (but are not limited to) walkway connections, connections to existing bike or walking networks, amenities such as benches, trees, and can be safety enhancements, and leisure activities that are identified by residents for improving livability in their neighbourhood.

\$3 to \$5 million has been allocated per year for 2012-2014 with between 30 to 50 million over the 10 year capital program plan.

Business Development - funds rehabilitation projects that focus primarily on neighbourhood business and commercial areas. This development targets infrastructure enhancements such as streetscapes and aesthetic enhancements. This supports the idea of complete communities and living local.

Overall, \$1 to \$1.5 million has been allocated per year for work in business and commercial neighbourhoods in 2012-2014 with between 10 to 15 million over the 10 year capital program plan. \$250, 000 per year will supplement the Corner Store Program by completing streetscape improvements on public owned land in business areas that fall outside of Business Revitalization Zones (BRZ's). Like the Coordinated Neighbourhood Redevelopment and Improvement Fund, the work undertaken with this fund would look to be coordinated with other City investments.

**PROFILE JUSTIFICATION**

Great Neighbourhoods is a corporate approach to integrating and coordinating city services and through this internal collaboration, the city engages and informs residents with one City voice.

Great Neighbourhoods embodies the four principles of The Way Ahead: Integration, Sustainability, Livability and Innovation. The Great Neighbourhoods Capital Program improves several Strategic Goals: Improving Livability, Transforming Urban Form and Preserving and Sustaining our Environment.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Great Neighbourhoods Initiative**

PROFILE NUMBER: **12-21-5800**

BRANCH: **Community Strategies & Development**

**FUNDED**

PROFILE TYPE: **Composite**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	45,000	-	-	-	-	-	-	-	-	-	-	45,000
	2012 CBS Budget Adjustment	-14,820	-	-	-	-	-	-	-	-	-	-	-14,820
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-10,368	-	-	-	-	-	-	-	-	-	-	-10,368
	2014 Cap Carry Forward	-12,512	12,512	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,921	-	-	-	-	-	-	-	-	-	-1,921
	Current Approved Budget	7,300	10,591	-	-	-	-	-	-	-	-	-	17,891
	Approved Funding Sources												
	Partnership Funding	-	50	-	-	-	-	-	-	-	-	-	50
APPROVED FUNDING SOURCES	Tax-Supported Debt	7,300	10,541	-	-	-	-	-	-	-	-	-	17,841
	Current Approved Funding Sources	7,300	10,591	-	-	-	-	-	-	-	-	-	17,891

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	7,300	10,591	-	-	-	-	-	-	-	-	-	17,891
	Requested Funding Source												
	Partnership Funding	-	50	-	-	-	-	-	-	-	-	-	50
	Tax-Supported Debt	7,300	10,541	-	-	-	-	-	-	-	-	-	17,841
	Requested Funding Source	7,300	10,591	-	-	-	-	-	-	-	-	-	17,891

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-12,512	10,591	-	-	-	-	-	-	-	-	-	-1,921
	Other Costs	19,812	-	-	-	-	-	-	-	-	-	-	19,812
	Total	7,300	10,591	-	-	-	-	-	-	-	-	-	17,891

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WELLINGTON/ AFRICAN MULTICULTURAL CENTRE**  
 PROFILE: **15-21-1040**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME: **Communities of Interest**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2021
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	838
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	838
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**PROFILE DESCRIPTION**

This profile is seeking funding for schematic design dollars (including consultation and park site plan) to establish concept drawings and strategies for the future building of a new African Multicultural Centre on the Wellington School park site in partnership with the African community. Conceptually, the proposed new building will be approximately 40,000 square feet, but further consideration must be given to future operating costs. Funding for detailed design and construction would be requested in 2019-2022 capital budget.

**PROFILE BACKGROUND**

The Africa Centre initiative is currently based out of the Wellington Junior High School, (leased from Edmonton Public Schools) and is an aging facility, which has a limited structural lifespan but high usage due to the valuable programs and services being offered for newcomers.

**PROFILE JUSTIFICATION**

The proposed centre responds to the needs and wishes of newcomer citizens and provides a unique and timely opportunity to enhance their capacity to meet future needs and aspirations. It is an opportunity for Edmonton to show how municipalities can play a role in the successful settlement, intercultural engagement, social cohesion and civic vibrancy of immigrant and refugee newcomer communities.

**STRATEGIC ALIGNMENT**

This initiative improve's Edmonton's livability and is representative of Community Services' vision of being a frontline partner with citizens and communities, committed to creating a safe, healthy, and vibrant city.

**ALTERNATIVES CONSIDERED**

1) City provide funding for schematic design; 2) Move centre to another existing facility; 3) Continue to operate in current until deemed unsafe, community funds schematic design, however they have limited capacity

**COST BENEFITS**

Moving forward with the consultation and schematic design of a new multicultural centre will allow a more accurate cost estimate, development of a clear operating model, operating impacts and completion of the business case, time for partner fundraising allowing the project to move forward into detailed design and construction. Cost for work including and up to schematic building design is estimated at \$838,000.

**KEY RISKS & MITIGATING STRATEGY**

Beyond Community Services' ability to provide funds to construct and staff to operationalize the proposed building, there are several internal and external key risks to realize. The risk management framework will be applied to all project aspects.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The African Multicultural Centre will be operated by Community Services and follow Human Resource's Management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

The funding of schematic design in the amount of \$838,000 is recommended to move the project towards design and construction of a new African Multicultural Centre, as a new solution to meet our growing city's challenges in this realm.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Wellington/ African Multicultural Centre****FUNDED**PROFILE NUMBER: **15-21-1040**PROFILE TYPE: **Standalone**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	57	781	-	-	-	-	-	-	-	-	838
	Current Approved Budget	-	57	781	-	-	-	-	-	-	-	-	838
	Approved Funding Sources												
	Pay-As-You-Go	-	57	781	-	-	-	-	-	-	-	-	838
	Current Approved Funding Sources	-	57	781	-	-	-	-	-	-	-	-	838

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	57	781	-	-	-	-	-	-	-	-	838
	Requested Funding Source												
	Pay-As-You-Go	-	57	781	-	-	-	-	-	-	-	-	838
	Requested Funding Source	-	57	781	-	-	-	-	-	-	-	-	838

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	57	781	-	-	-	-	-	-	-	-	838
	Total	-	57	781	-	-	-	-	-	-	-	-	838

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WINSPEAR FACILITY EXPANSION PROJECT**  
 PROFILE: **15-21-3300**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME: **Business Strategies and Community Initiatives**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Lyall Brenneis**  
 LEAD BRANCH MANAGER: **Lyall Brenneis**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

<b>Service Category: Recreation &amp; Culture</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>13,000</b>
<b>90</b>	<b>10</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>13,000</b>

**PROFILE DESCRIPTION**

As per the capital budget amendment CAP 15, \$3.75M approved for funding expansion design subject to a staged funding agreement with COE. With the proposed expansion project, the Winspear will address its long-term space and programming needs and will build capacity to generate new and sustainable sources of revenue. This project includes \$53M towards six multipurpose programming spaces, a 500 – 600 seat flex-use performance hall, commercial retail bays including space for a YMCA daycare, and connectivity to the pedway and \$21M (separately financed) for a future parkade.

The project is estimated to cost a total of \$53 million. The \$13 million funding request from the Winspear Centre represents 25% of the total project costs. The balance of construction costs, amounting to \$40 million (75% of costs) will be covered by the Winspear Centre and other funding sources made available through provincial and federal government funding programs, along with donors to the Capital Campaign.

**PROFILE BACKGROUND**

The current City lease with Winspear requires the Winspear to develop the acoustic performance hall further or lose the surplus land. Proposed facility expansion includes theatre and commercial space.

In December 2012, City Council approved \$1.75 million for the Winspear Centre to develop a business case for the concept development design phase for the facility expansion. The preliminary business case was approved and \$250,000 was advanced in January 2013. The detailed business case was approved by the Corporate Budget Office in August 2013, with \$1.5 million advanced in September 2013.

**PROFILE JUSTIFICATION**

The Winspear Centre Expansion will meet the lease requirements and fulfill the original vision for the centre. The facility was not built to its originally planned size and specifications, which imposes limitations on the number and type of events and programs that can be offered.

The completion of the Winspear Centre in 2018/19 will create expanded cultural, educational, and social outreach programming for the whole community. More activity in the downtown core helps the City meet its goals to invigorate tourism, support an arts-rich community by providing additional revenue streams for the facility and local artists, and promote downtown revitalization with safe all-season connections between Churchill Square with the Quarters.

**STRATEGIC ALIGNMENT**

The Winspear Centre Expansion aligns with The Way Ahead goals 2, 3 and 6. It also aligns with The Way We Live goals 1, 2, 3, 5 and 6, as well as, ten other strategic documents.

**ALTERNATIVES CONSIDERED**

1) Do not expand; 2) Develop separate building; 3) Expand – realizes vision, fulfills agreement with COE and meets space needs. Recommendation: to accept alternative number three as presented, with approval of full funding.

**COST BENEFITS**

Tangible Benefits: 1) Opportunity for more community engagement programs and musical performances; 2) More space available to community and corporate groups; 3) Improved economic viability for the Winspear due to more diverse revenue streams.

Intangible Benefits: 1) Aligns with many City strategies and plans and will be contributing to the vision of a city energized by arts and culture, urban design and learning; 2) Contributes to local economy

**KEY RISKS & MITIGATING STRATEGY**

A risk management framework will be applied to all aspects of the project. A significant project risk is financial. The project can only proceed if funding targets are reached. These risks will be addressed through a comprehensive funding strategy.

**RESOURCES**

The Winspear Centre Expansion is not a City-led project. As such, the City's Procurement of Goods, Services & Construction directive does not apply and will be the responsibility of Winspear, rather than the City.

# CAPITAL PROFILE REPORT

Profile Page 2

## CONCLUSIONS AND RECOMMENDATIONS

The expansion will satisfy the Winspear's original vision, meet lease requirements and provide an outstanding venue for citizens of Edmonton with numerous benefits. The recommendation is to accept alternative number three with full funding approval.

## CONTINGENCY OF APPROVAL

December 11, 2014 - City Council Meeting

1. That Capital Profile Winspear Facility Expansion Project #15-21-3300 be added and funded in the amount of \$3.75 million to fund expansion design with funding from an increase in use of Pay-As-You-Go, subject to a staged funding agreement with the City of Edmonton.

Francis Winspear Centre for Music – Staged Funding Agreement

2. That Administration provide, for Council's consideration, the principles for a staged funding agreement with the Francis Winspear Centre for Music, based upon the approved Capital Profile Winspear Facility Expansion Project 15-21-3300, the principles to include implications related to confirmation of funding from other orders of government, and a community fundraising strategy including results achieved.

Contingency met on day/mo/yr

## CHANGES TO APPROVED PROFILE

2015-CA-27: Report CR\_2004

On April 28, 2015 City Council approved an additional \$9.25 million for the Winspear Completion Project and for the City to enter into \$13 million funding agreement with the Francis Winspear Centre for Music. The City's funding contribution for component one is 25% of the total project costs estimated at \$53 million. Component one of the completion project consists of the new acoustic hall, program space, commercial space and daycare space. (City Grant is Community Facility Partnership Capital Grant Program).

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Winspear Facility Expansion Project**  
 PROFILE NUMBER: **15-21-3300**  
 BRANCH: **Community Strategies & Development**

**FUNDED**  
 PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	3,750	-	-	-	-	-	-	-	-	-	3,750
	2015 Cap Capital Budget Adj (one-off)	-	-	3,000	3,000	3,250	-	-	-	-	-	-	9,250
	Current Approved Budget	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000
	Approved Funding Sources												
	City Grant	-	-	3,000	3,000	3,250	-	-	-	-	-	-	9,250
	Pay-As-You-Go	-	3,750	-	-	-	-	-	-	-	-	-	3,750
	Current Approved Funding Sources	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000
	Requested Funding Source												
	City Grant	-	-	3,000	3,000	3,250	-	-	-	-	-	-	9,250
	Pay-As-You-Go	-	3,750	-	-	-	-	-	-	-	-	-	3,750
	Requested Funding Source	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Grants	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000
	Total	-	3,750	3,000	3,000	3,250	-	-	-	-	-	-	13,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KIHCIY ASKIY SACRED EARTH**  
 PROFILE: **15-21-3400**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME: **Communities of Interest**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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<b>GROWTH</b>
81

<b>RENEWAL</b>
19

PREVIOUSLY APPROVED:	2,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,000
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**PROFILE DESCRIPTION**

Kihciy Askiy - Sacred Earth is in the project initiation and fundraising phase. There will be four sweat lodges for prayer and personal purification rituals, Tipis for prayer ceremonies and small group workshops, a large tent gathering area for ceremonial feasts and cultural teachings, outdoor amphitheatre for lectures and presentations, herbal garden for interpretive programs and an earth lodge/indoor learning centre which will be a multipurpose facility for learning about Aboriginal cultures, teaching cultural traditions and holding presentations to support those efforts via cultural based programs, services and dialogue. In a common effort to affect healthy living and community wellness, the cultural site would be used for such cultural ceremonies and events as sweat lodges, pipe ceremonies, cultural camps and talking circles. The group is looking to have all pieces of Kihciy Askiy - Sacred Earth completed by 2017.

**PROFILE BACKGROUND**

Kihciy Askiy will create a permanent urban aboriginal traditional healing and cultural centre for all people within the City, eliminating the need to travel to attend spiritual / cultural events. The cultural centre will provide a home for outdoor cultural-based programs, day camps for youth, schools, and community agencies.

**PROFILE JUSTIFICATION**

Aboriginal people of Edmonton do not have spiritual and/or cultural grounds within the city that are designated for that specific use. The project is strategically aligned with several City of Edmonton strategies, master plans, declarations and relationship agreements including City Council's Declaration Strengthening Relationships Between the City of Edmonton and Urban Aboriginal People and the Edmonton Urban Aboriginal Accord Relationship Agreement between City Administration and Aboriginal Communities. A Memorandum of Understanding is underway with the Indigenous Elders regarding the use of Fox Farms. In March of 2014 at the National Truth & Reconciliation Event, Mayor Iveson proclaimed a Year of Reconciliation and one of the Mayor's commitments include working with Edmonton's Aboriginal community to create and support a venue, or venues, to promote the spiritual and cultural practices of all indigenous communities, for cultural reconnection, ceremony and celebration.

**STRATEGIC ALIGNMENT**

The Way We Live, Urban Parks Master Plan, City Council Declaration, Edmonton Aboriginal Accord, Recreation Facility Master Plan and Community Services Business Plan 2012-2015

**ALTERNATIVES CONSIDERED**

The alternative for urban indigenous Edmontonians has been to utilize healing lodges and other cultural locations outside of the City of Edmonton. This has made it very difficult to obtain the necessary healing and cultural knowledge.

**COST BENEFITS**

The site will provide a natural setting to enable different Aboriginal groups to host spiritual ceremonies, grow medicinal herbs, practice traditional crafts and facilitate inter-generational learning in an appropriately designed outdoor learning space. This space will provide an opportunity for all Edmontonians to experience multiple Aboriginal ceremonies, engage Aboriginal Youth and bring awareness to their customs.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The project will be managed by the City and will follow the Human Resource management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

Aboriginal people do not have spiritual and/or cultural grounds within Edmonton. In an effort to affect healthy living and community wellness, Kihciy Askiy would be used for sweat lodges, pipe ceremonies, cultural camps and talking circles.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kihciy Askiy Sacred Earth****FUNDED**PROFILE NUMBER: **15-21-3400**PROFILE TYPE: **Standalone**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	210	1,790	-	-	-	-	-	-	-	-	2,000
	Current Approved Budget	-	210	1,790	-	-	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Pay-As-You-Go	-	210	1,790	-	-	-	-	-	-	-	-	2,000
	Current Approved Funding Sources	-	210	1,790	-	-	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	210	1,790	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Pay-As-You-Go	-	210	1,790	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source	-	210	1,790	-	-	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	1,684	-	-	-	-	-	-	-	-	1,684
	Design	-	210	-	-	-	-	-	-	-	-	-	210
	Equip FurnFixt	-	-	106	-	-	-	-	-	-	-	-	106
	Total	-	210	1,790	-	-	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community Strategies & Development	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Facility and Landscape Infrastructure	-	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-
Neighbourhoods	-	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>142</b>	<b>142</b>	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TELUS WORLD OF SCIENCE**  
 PROFILE: **15-21-6600**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME: **Business Strategies and Community Initiatives**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH	RENEWAL
40	60

PREVIOUSLY APPROVED:	40,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	40,000
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**PROFILE DESCRIPTION**

In 2009, the Edmonton Space & Science Foundation (The Foundation) developed a Master Plan to redevelop the TWoSE which had a total project cost of \$285M. The proposed expansions would more than double the facility size, increasing the square footage to approximately 245,827 sf (22,837 m<sup>2</sup>). The original plan has been phased into three parts, as requested by the City, with Phase 1 completed - the traveling exhibition gallery expansion and the IMAX renewal. Phase 2 adds the new Central Galleries and Lobby to meet demand and to transform the science centre from an overcrowded collection of buildings into a broad-based, functionally integrated, science & technology centre. Council awarded \$1.046 M for the detailed design of Phase 2. Phase 2 has a total projected cost of \$182.2 M with the request of \$47.4 M funding from the City over four years. The targeted completion date for Phase 2 is early 2020. Out of Scope: Phase 3 – Complete renovations of existing building.

**PROFILE BACKGROUND**

In June 2011, Council approved \$3.5M for the travelling exhibition gallery expansion, which has hosted events such as Star Wars Identities. In November 2012 Council approved \$3.696M for IMAX upgrades, Phase 2 business case development and architectural detailed design. TWoSE is overextended trying to handle the crowds, and its staff and support needs are also limited by space. The facility is physically split in half with some exhibits still in the original, Cardinal Building, and some in the 2001 and 2012 galleries on the other side of the entrance.

**PROFILE JUSTIFICATION**

The project supports The Way Ahead through The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; The Way We Prosper: Diversifying Edmonton's Economy and the Infrastructure Strategy; The Way We Green: Preserve and Sustain Edmonton's Environment

**STRATEGIC ALIGNMENT**

Supports The Way We Live, The Way We Grow, The Way We Prosper, and The Way We Green

**ALTERNATIVES CONSIDERED**

Telus World of Science has responded to the City's original request by creating a phased plan for its expansion project, currently in Phase 2. Originally within Phase 2, two alternatives were suggested: eliminating some specific capital elements or doing nothing. With the new proposal Phase 2a: The Aurora Initiative, TWoSE is implementing one of these alternatives; eliminating specific capital elements.

**COST BENEFITS**

Phase 2a expansion offers tangible benefits in return for investment in areas like economic impact, attendance growth and efficiency and productivity improvements. The intangible benefits include exhibit galleries being popular with residents; helping Edmonton develop regional identity and citizenship; earning respect as a world-class science centre and connecting Edmonton's science and technology community to the public.

**KEY RISKS & MITIGATING STRATEGY**

Risks: inadequate project management credentials, negative public support, incomplete project funding, project schedule & cost control, operational sustainability after opening, unexpected inflation, project delay or no action.

**RESOURCES**

The Foundation seeks to purchase goods, services and construction fairly; based on best value. Where possible, considerations of environmentally sound products and services, in particular the utilization of post-consumer waste will be incorporated.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Phase 2a will make Telus World of Science the right size for tomorrow's population, make operational sense of the current, overcrowded scattering of buildings, and allow a more solid operating economic model. Phase 2 implementation is recommended.

## CONTINGENCY OF APPROVAL

December 11, 2014 - City Council Meeting

1. That the Capital Profile Telus World of Science #15-21-6600 be added and funded in the amount of \$40 million, with \$12 million funding from Pay-as-You-Go, \$20 million from other orders of Government and \$8 million in funding from other partners, subject to a funding agreement with the City of Edmonton.

Telus World of Science – Funding Agreement

2. That Administration provide, for Council's consideration, the principles for a funding agreement with Telus World of Science, based upon the approved Capital Profile Telus World of Science 15-21-6600, the principles to include implications related to confirmation of funding from other orders of government, and a community fundraising strategy and results achieved.

Due By: Feb.23, 2015 CS Committee

Contingency met: dd/mo/yr

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **TELUS World of Science****FUNDED**PROFILE NUMBER: **15-21-6600**PROFILE TYPE: **Standalone**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000
	Current Approved Budget	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000
	Approved Funding Sources												
	Partnership Funding	-	1,500	3,000	13,000	10,500	-	-	-	-	-	-	28,000
	Pay-As-You-Go	-	5,000	3,000	3,000	1,000	-	-	-	-	-	-	12,000
	Current Approved Funding Sources	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000
	Requested Funding Source												
	Partnership Funding	-	1,500	3,000	13,000	10,500	-	-	-	-	-	-	28,000
	Pay-As-You-Go	-	5,000	3,000	3,000	1,000	-	-	-	-	-	-	12,000
	Requested Funding Source	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000
	Total	-	6,500	6,000	16,000	11,500	-	-	-	-	-	-	40,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: General Costs, Interdepartmental

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community Strategies & Development	-	-	-	-	-	-	-	-	-	385	385	-	-	-	-	-
Facility and Landscape Infrastructure	-	320	320	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>320</b>	<b>320</b>	-	-	-	-	-	-	<b>385</b>	<b>385</b>	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MACEWAN WEST CAMPUS PURCHASE**  
 PROFILE: **15-21-7777**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME: **Business Strategies and Community Initiatives**  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	16,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	16,000
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**PROFILE DESCRIPTION**

Profile is for the Council approved purchase of the MacEwan University west campus and land for an arts, multicultural, and not-for-profit hub. It will provide office and creative space for arts, multicultural, not-for-profits groups and community. It will also include retail/commercial space and upgrades to the public entrances. Total project cost is \$47.038 million (\$36 million for land and \$11.038 million for building renovations in unfunded profile 15-21-7778). Of this amount, \$20 million has been previously approved and will be funded by the Great Neighbourhood Renewal Program (\$5 million from 2012-2014 budget cycle, \$15 million from 2015-2018 budget cycle). The balance (\$16 million) is requested in this profile to meet the terms of the building purchase in 2017 from this profile.

**PROFILE BACKGROUND**

Purchase of the MacEwan west campus and land as a space for arts, multicultural, not-for-profit and community groups. It will offer offices and be a creative spaces hub. Also included are retail-commercial space and upgrades to the public entrances.

**PROFILE JUSTIFICATION**

The purchase and re-purposing of MacEwan's west campus was recommended by the Mayor's Arts Visioning Committee and later approved by City Council in 2012. It aligns with The Way Ahead, The Way We Live, The Way We Prosper, The Way We Move, and The Way We Grow. It also supports The Art of Living, Elevate and Jasper Place revitalization. There is broad community support and a need for affordable and accessible spaces for non-profits. MacEwan West has unique facilities for arts: a professional theatre; theatre labs; computer labs; studios; library; cafeteria; parkade and facilities for conferences and workshops. A \$5 million deposit was made by the City in 2014.

Anticipated outcomes:

- 1) Arts and Cultural Hub: affordable and small-scale space to groups who otherwise would not find a stable location
- 2) Arts and Culture Centre
- 3) Community Hub
- 4) Transit Orientated Development: this can be a demonstration of the ability to reach the guidelines for sites adjacent to LRT stations

**STRATEGIC ALIGNMENT**

This project supports goals, objectives and outcomes of The Way Ahead, The Way We Live, The Way We Prosper, The Way We Move, and The Way We Grow. Also supports The Art of Living, Mayor's Arts Committee and Elevate report.

**ALTERNATIVES CONSIDERED**

- 1) The City does not purchase the site; 2) The City purchases the site and develops it for an alternate purpose; 3) The City purchases the site, redevelops it and sells it for profit; 4) The City purchases the site as proposed (recommended)

**COST BENEFITS**

Tangible benefits: 1) Space needs met for more than 14 arts, multicultural and not-for-profits; 2) Tangible hub for surrounding communities; 3) Use of Transit-Orientated Design lands 4) Rejuvenation of building. Intangible benefits: 1) Strengthens area revitalization; 2) Social return on investment; 3) Synergies costs: \$47.038 million for facility purchase and renovations; diminishing annual operating subsidy starting at \$300,000.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk assessment has been completed, as well as a facility assessment. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. MacEwan West will be operated by a partner organization who will follow the Human Resources management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

City Council approve 1)purchase of MacEwan West 2) retrofit the facility so it is usable to the public . This project addresses space needs of arts, multicultural and not-for-profit groups, supports area revitalization and aligns with City plans.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **MacEwan West Campus Purchase**

PROFILE NUMBER: **15-21-7777**

BRANCH: **Community Strategies & Development**

**FUNDED**

PROFILE TYPE: **Standalone**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	16,000	-	-	-	-	-	-	-	16,000
	Current Approved Budget	-	-	-	16,000	-	-	-	-	-	-	-	16,000
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	14,400	-	-	-	-	-	-	-	14,400
	Pay-As-You-Go	-	-	-	1,600	-	-	-	-	-	-	-	1,600
	Current Approved Funding Sources	-	-	-	16,000	-	-	-	-	-	-	-	16,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	16,000	-	-	-	-	-	-	-	16,000
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	14,400	-	-	-	-	-	-	-	14,400
	Pay-As-You-Go	-	-	-	1,600	-	-	-	-	-	-	-	1,600
	Requested Funding Source	-	-	-	16,000	-	-	-	-	-	-	-	16,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	-	-	16,000	-	-	-	-	-	-	-	16,000
	Total	-	-	-	16,000	-	-	-	-	-	-	-	16,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	300	300	-	-	-100	-100	-	-	-	-	-	-	-50	-50	-
<b>Total Operating Impact</b>	-	<b>300</b>	<b>300</b>	-	-	<b>-100</b>	<b>-100</b>	-	-	-	-	-	-	<b>-50</b>	<b>-50</b>	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	ED. FEDER. COMM. LEAGUES - HAWRELAK PARK (100 ANN. PROJECT)	<b>FUNDED</b>
PROFILE	15-28-4152	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Community Strategies & Development	PROFILE MANAGER: Lyall Brenneis
PROGRAM NAME:	Business Strategies and Community Initiatives	LEAD BRANCH MANAGER: Lyall Brenneis
LEAD BRANCH:	Community Strategies & Development	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2015

Service Category:	Parks	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	600
52	48	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	600

**PROFILE DESCRIPTION**

Edmonton Federation of Community Leagues will be 100 years old in 2021. This profile is seeking \$600,000 to support the Edmonton Federation of Community Leagues in their efforts to build a \$3.15 million capital project in William Hawrelak Park. The Edmonton Federation of Community Leagues 100th Anniversary project is a park enhancement to be constructed in phases during the spring and fall of 2015 to 2017. The project includes construction of a Community League Plaza, restoration of an existing natural stream, and a scenic informative pathway. This enhancement will revitalize the park, increase functionality of existing infrastructure, be educational, encourage community pride, increase park appeal and develop a City asset at a net benefit. Profile 15-28-2600 W. Hawrelak Park Road Upgrade is linked to this profile, but not directly dependent upon the profile.

**PROFILE BACKGROUND**

In celebration, The Edmonton Federation of Community Leagues will honour volunteers that have put in decades of energy and care by creating a place of recognition, education and enjoyment. This will be a Community League Plaza, a restored natural stream, a scenic informative pathway and a secondary access point. The Federation will give back to the City and the volunteers that have put in decades of energy and commitment to building great communities. The City and Federation have created a successful community system that nurtures local resident connection. This system is admired internationally and creating a tangible, central space to foster the understanding and value of this system will encourage membership and sustainability. The project will create significant positive impact for Edmonton's future.

**PROFILE JUSTIFICATION**

The project will modernize and upgrade the infrastructure and increase flexibility of this portion of William Hawrelak Park. The project will revitalize a dormant, less used area of the park, increase park infrastructure assets with more seating, shade areas, warming area's, lighting, artwork and landscaping. It will be ready for use by 2017, Canada's 150th Birthday. There is no dedicated area in the city for residents to learn about the Edmonton success story of community leagues. This project will immortalize and celebrate our history, bringing benefits for years to come. Celebration of great accomplishments will in turn inspire future generations of community volunteers. In promoting community leagues, we are also promoting City of Edmonton. Success is achieved by increased recreational use in this specific area. This profile supports the City Council motion passed on Dec. 11/13-item 6.7

**STRATEGIC ALIGNMENT**

Project goals align with the City's strategic goals by improving lake and stream water quality, increasing social connectedness, celebrating heritage and arts, renewing existing infrastructure and achieving a net financial benefit to the city.

**ALTERNATIVES CONSIDERED**

Three sites were considered. A small park by the Waltherdale Bridge, Borden Park & Hawrelak Park. City recommended Hawrelak. It needed an upgrade and a partner to help. It was more central, had less complications & better potential.

**COST BENEFITS**

Financial Benefit: \$600,000 investment to receive a \$3.15 million park renewal. City will allocated limited staff resources to during development and construction phases.

The Edmonton Federation of Community Leagues is responsible for the development, management and construction of this project. Once construction is completed, the project will be owned, operated and maintained by the City of Edmonton, Community Services.

**KEY RISKS & MITIGATING STRATEGY**

Cost inflation due to phasing, 20% contingency and Lafarge mitigates.

Fundraising Risk - only 6% of budget

Assessment Risk - satisfying all governing and regulatory bodies requirements, meetings early in process to mitigate redesign risk costs.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. Once completed, the plaza will be operated by the City and will follow the Human Resource management policies and procedures.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Funding of this project for the 2015-2018 capital budget in the amount of \$ 600,000 will support the Federation and community league volunteers efforts to create a place of recognition, education & enjoyment.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Ed. Feder. Comm. Leagues - Hawrelak Park (100 Ann. Project)****FUNDED**PROFILE NUMBER: **15-28-4152**PROFILE TYPE: **Standalone**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	600	-	-	-	-	-	-	-	-	-	600
	Current Approved Budget	-	600	-	-	-	-	-	-	-	-	-	600
	Approved Funding Sources												
	Pay-As-You-Go	-	600	-	-	-	-	-	-	-	-	-	600
	Current Approved Funding Sources	-	600	-	-	-	-	-	-	-	-	-	600

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	600	-	-	-	-	-	-	-	-	-	600
	Requested Funding Source												
	Pay-As-You-Go	-	600	-	-	-	-	-	-	-	-	-	600
	Requested Funding Source	-	600	-	-	-	-	-	-	-	-	-	600

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	510	-	-	-	-	-	-	-	-	-	510
	Equip FurnFixt	-	90	-	-	-	-	-	-	-	-	-	90
	Total	-	600	-	-	-	-	-	-	-	-	-	600

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	-	-	-	-	-	-	-	-	88	88	-	-	-	-	-
Neighbourhoods	-	45	45	.5	-	45	45	.5	-	-	-	-	-	-	-	-
Total Operating Impact	-	45	45	.5	-	45	45	.5	-	88	88	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SAFETY & SECURITY**  
 PROFILE: **CM-21-5771**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME:  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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45
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RENEWAL
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55
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PREVIOUSLY APPROVED:	6,103
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,103
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**PROFILE DESCRIPTION**

The Safety & Security Composite funds projects to improve or mitigate identified safety and security concerns for park and facility users, employees, and to protect City assets. As many recreation centres and parks were not designed to adequately handle today's safety & security issues or support new technologies, this composite enables improvements/modifications to occur, and new approaches to be tested for effectiveness. Eligible projects are aimed at one of the following:

- Creating a safe and secure environment for citizens and employees
- Reducing or mitigating safety hazards.
- Protecting City assets

Specific projects are varied and may include the purchase and installation of high dollar value equipment, minor building modifications and technology upgrades. 40 projects have already been requested for 2015, and range from CCTV installations to testing a swimmer monitoring system in pools.

**PROFILE BACKGROUND**

The Safety and Security Composite has been in place since 2005 and enables the Community and Recreation Facilities and Neighbourhoods, Parks and Community Recreation branches to address identified safety and security concerns, and respond to changing OH&S regulations. Since its inception, the composite has funded numerous initiatives ranging from crime deterring closed-circuit television video surveillance systems, to the purchase and installation of automatic defibrillators in all facilities.

This approach to addressing safety & security concerns has proven to be an effective means for improving safety and security within park and facility settings. With more than 1800 security incidents city-wide, and nearly 1200 safety and security incidents within Community and Recreation Facilities, documented in 2013, and the regular updates to Occupational Health and Safety legislation, the need for sustained funding is ongoing.

**PROFILE JUSTIFICATION**

Community Services operates diverse, unique destinations to meet a variety of citizen needs. To maximize use, the City should take proactive, strategic steps to eliminate or mitigate safety and security concerns, thereby improving safety perceptions, increasing visitation, establishing positive work environments, while at the same time decreasing loss, damage and injury claims against the City. This composite has proven to be an effective and efficient method for responding to areas of concern. With the 2012-2014 capital budget, more than 60 projects have been/are being completed and the budget has been distributed and managed efficiently. 40 projects have already been requested for 2015, demonstrating that the demand for this program continues.

**OUTCOMES:**

1. The number of branch security incidents will decrease.
2. The number of OH&S incidents will decrease.
3. Community Services will maintain or improve customer ratings regarding personal safety.

**STRATEGIC ALIGNMENT**

This composite most directly connects to The Way We Live through goal 4: Edmonton is a Safe City. The Safety and Security Composite is integral for existing parks and facilities to achieve success with this goal.

**ALTERNATIVES CONSIDERED**

Alternative funding for some safety and security measures could be through operating budgets, however resource limitations would prevent large-scale projects from occurring, and there would be a loss of consistency in systems between locations.

# CAPITAL PROFILE REPORT

## COST BENEFITS

The composite is requesting \$6 million for 2015-2018 (\$1.5 million/year). This budget increase (current \$800,000/year) is in response to the City's increasing inventory of parks and facilities.

### Tangible Benefits

1. Improved monitoring
2. Incident reduction
3. Technology testing

### Intangible Benefits

1. Improved public perception, resulting in increased usage/visitation
2. Ability to be responsive to identified issues/concerns

## KEY RISKS & MITIGATING STRATEGY

If funding is not renewed, many facilities/parks will lack the resources to implement safety and security measures. This could lead to an increase in incidents and expose the City to higher loss/injury claims or potential litigation.

## RESOURCES

The composite and associated projects are managed by City employees. All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive.

## CONCLUSIONS AND RECOMMENDATIONS

Given the ongoing needs for safety and security improvements within recreation facilities and parks, and no other identified funding source for these projects, it is recommended that this composite be fully funded for 2015-2018.

## CHANGES TO APPROVED PROFILE

#15-41-9 (Fall SBA): Transfer \$103k from 13-21-0915 to CM-21-5771 to enable Community Standards to purchase replacement radios that are a result of the move to AAFRACS.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Safety & Security****FUNDED**PROFILE NUMBER: **CM-21-5771**PROFILE TYPE: **Composite**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	1,500	1,500	1,500	1,500	-	-	-	-	-	-	6,000
	2015 Cap Administrative	-	103	-	-	-	-	-	-	-	-	-	103
	Current Approved Budget	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103
	Approved Funding Sources												
	Pay-As-You-Go	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103
	Current Approved Funding Sources	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103
	Requested Funding Source												
	Pay-As-You-Go	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103
	Requested Funding Source	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103
	Total	-	1,603	1,500	1,500	1,500	-	-	-	-	-	-	6,103

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIRONMENTAL SUSTAINABILITY**  
 PROFILE: **CM-21-9783**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME:  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:

<b>GROWTH</b>	<b>RENEWAL</b>
10	90

PREVIOUSLY APPROVED:

1,300

BUDGET REQUEST:

-

TOTAL PROFILE BUDGET:

1,300

**PROFILE DESCRIPTION**

This composite allows for the planned replacement and purchase of equipment and related project activities to preserve and sustain Edmonton's environment. It addresses identified activities, products and services that cause significant environmental impacts and may involve regulatory implications. Eligibility for composite funding is derived from the goals and objectives outlined in The Way We Green and the commitments required to maintain an ISO 14001 registration. This program is available to three Community Services Branches, with projects broadly targeting two categories:

1. Pollution Prevention: the City is obligated to take measures to prevent environmental contamination as a result of its activities, products or services.
  2. Energy Conservation: to reduce the carbon and water footprint generated by City Operations.
- All projects are directed towards existing infrastructure and equipment.

**PROFILE BACKGROUND**

Three Community Services Branches, all with ISO 14001:2004 certification, are integrating environmental management systems. These systems include management processes and procedures to allow the branches to analyze, control and reduce the environmental impacts of their activities. This Composite permits the undertaking of environmental improvement initiatives from within the department thus allowing these high risk business areas to set and achieve high standards of environmental preservation and sustainability both in its own practices and by encouraging and enabling the practices of its partners.

ISO 14001:2004 Standard 4.4.1 mandates that "management shall ensure the availability of resources essential to establish, implement, maintain and improve the environmental management system." The existing Environmental Sustainability Composite was established in 2012 and to support Community and Recreation Facilities environmental management programs only.

**PROFILE JUSTIFICATION**

Capital funding will support the preservation of Edmonton's natural environment with innovations for green infrastructure to improve environmental performance in a sustainable way that will minimize the ecological footprint of the City. This composite will also contribute to the continuation of ISO 14001 Registration. Achieving and maintaining ISO 14001 Registration was council-directed through policy C505 Environmental Management Systems. Rigorous audit processes evaluate the effectiveness of a system's ability to continually improve, prevent pollution and comply with legislation as directed by Environmental Policy C512. Without this profile, limited funding for environmental-related projects would put the three Branches at risk of losing ISO 14001:2004 Registration by failing to comply with element 4.4.1 Resources, Roles, Responsibility and Authority.

**STRATEGIC ALIGNMENT**

Through direct contributions towards improving environmental performance, the Environmental Sustainability Composite aligns with multiple objectives identified in The Way Ahead, The Way We Green and The Way We Live.

**ALTERNATIVES CONSIDERED**

External funding through grants and subsidies will be pursued to support certain initiatives. This funding is not guaranteed and typically requires the recipient to also contribute funds to the projects.

**COST BENEFITS**

The Environmental Sustainability Composite is requesting \$1.3 million for 2015-2018.

**Tangible Benefits**

1. Improved environmental performance
2. Decrease in environmental incidences.
3. Maintaining ISO 14001:2004 certification for three branches of Community Services.

**Intangible Benefits**

1. Protection of native biodiversity.
2. Contribution to Edmonton's long term sustainability.
3. Healthier citizens.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

The key risks of not funding the Composite include the potential loss of ISO 14001:2004 certification and an increase in environmental incidents. There are also risks inherent with the first time use of new technologies/systems.

## RESOURCES

The coordination of Composite funds will be by City of Edmonton employees. Community Services staff will manage the projects and ensure compliance with A1439B Purchasing Goods, Services and Construction and Project Management guidelines.

## CONCLUSIONS AND RECOMMENDATIONS

In order to continually improve the environmental performance of Community Services and strategically manage Enviso projects across three branches, it is recommended that the Environmental Sustainability Composite be funded for 2015-2018.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Environmental Sustainability****FUNDED**PROFILE NUMBER: **CM-21-9783**PROFILE TYPE: **Composite**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	250	300	350	400	-	-	-	-	-	-	1,300
	Current Approved Budget	-	250	300	350	400	-	-	-	-	-	-	1,300
	Approved Funding Sources												
	Pay-As-You-Go	-	250	300	350	400	-	-	-	-	-	-	1,300
	Current Approved Funding Sources	-	250	300	350	400	-	-	-	-	-	-	1,300

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	250	300	350	400	-	-	-	-	-	-	1,300
	Requested Funding Source												
	Pay-As-You-Go	-	250	300	350	400	-	-	-	-	-	-	1,300
	Requested Funding Source	-	250	300	350	400	-	-	-	-	-	-	1,300

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	250	300	350	400	-	-	-	-	-	-	1,300
	Total	-	250	300	350	400	-	-	-	-	-	-	1,300

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKS CONSERVATION**  
 PROFILE: **CM-28-8510**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Community Strategies & Development**  
 PROGRAM NAME:  
 LEAD BRANCH: **Community Strategies & Development**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Lyall Brenneis
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LEAD BRANCH MANAGER:	Lyall Brenneis
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH	RENEWAL
10	90

PREVIOUSLY APPROVED:	25,781
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	25,781

**PROFILE DESCRIPTION**

The Parks Conservation Composite provides funding to support the renewal requirements of all City parks: their landscapes, utilities and access systems. The projects undertaken within the program extend the life of existing capital assets, reduce longer term repair costs, and correct potential or impending safety concerns within the parks system. Renewal projects for parks, park amenities, parkland utilities and park access features are eligible for funding. Projects are generally required in order to improve condition; meet user requirements; reduce/prevent injuries, maintenance costs and closures.

Projects within this Composite are typically small to medium in scale, ranging in cost from \$20,000 - \$500,000.

**PROFILE BACKGROUND**

Edmonton's 875 parks range greatly in size, function and amenities provided. As parks age, experience high usage, and have continued exposure to the elements, they develop condition, functional and safety issues that warrant reconstruction or replacement in order to meet user requirements and safety. Commonly noted renewal requirements include landscape rehabilitation, park area drainage systems, roadway & parking lot resurfacing, pedestrian bridge abutment rehabilitation, utility installations/renewal, trail rehabilitation, realignment and widening.

Currently this rehabilitation work is funded through two separate composites: Parks Conservation and Utilities and Access Renewal. For 2015-2018, the two composites are being combined into one for efficiency purposes. With more than 150 projects receiving funding in the past 3 years alone, these long-standing composites have funded significant renewal work that has ensured that City Parks continue to meet the diverse needs of citizens.

**PROFILE JUSTIFICATION**

Parks and their amenities experience degradation due to weather and usage impacts. The Composite provides critical funds to enable the necessary rehabilitation work to occur. Failure to keep up with required rehabilitation work could result in structural failure, increased user injuries, closure of parks and/or amenities, and increased corrective or major maintenance costs at a later date. The current Parks Conservation program is significantly oversubscribed as reflected by the volume of annual requests. During the 2012-2014 budget cycle more than 40 projects remain unfunded. For 2015-2018, 90 requests, valued at more than \$17 million, have been received to date, demonstrating the need for ongoing funding.

Anticipated Outcomes:

1. Parks are safe and enjoyable for all users and meet safety/legislative requirements.
2. Assets are maintained in good condition until the end of their life cycle.
3. Service reduction/closures are avoided; visitation increases.

**STRATEGIC ALIGNMENT**

Keeping Edmonton's park system in good condition supports The Way We Live, The Way We Grow & The Way We Green. Further support is in the Community Services and NPCR business plans which refer to public spaces being sustained to meet community needs.

**ALTERNATIVES CONSIDERED**

In order to effectively sustain excellence in our urban parks, funding for ongoing renewal work is required. Instead of composite funding, projects could be approved as individual capital projects. This approach would be less efficient & effective.

**COST BENEFITS**

The Composite is requesting \$26 million for 2015-2018.

Tangible Benefits

1. Improved park conditions to meet user needs, current standards, safety and legislative requirements.
2. Increased usage and revenue generation opportunities.
3. Reduction in injuries and maintenance costs.

Intangible Benefits

1. Healthy citizens.
2. Quality of parks experience is improved.
3. Contribution to civic pride.

# CAPITAL PROFILE REPORT

Profile Page 2

## KEY RISKS & MITIGATING STRATEGY

The key risks of not proceeding with Parks Conservation work include increased injury incidents, closure of assets, reduced revenues and increased corrective or major maintenance costs.

## RESOURCES

The coordination of Composite funds will be by City of Edmonton employees. Land Design and Construction will manage the projects and ensure compliance with Administrative Directive A1439B Purchasing Goods, Services and Construction.

## CONCLUSIONS AND RECOMMENDATIONS

Parks are of significant importance to Edmontonians, it is recommended that the Parks Conservation composite be fully funded for 2015-2018.

## CHANGES TO APPROVED PROFILE

#15-41-10 (Fall SBA): To transfer \$9k from CM-28-08510 Park Land Acquisition to 07-28-0002 to cover the additional costs to establish turf for operational acceptance



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Parks Conservation****FUNDED**PROFILE NUMBER: **CM-28-8510**PROFILE TYPE: **Composite**BRANCH: **Community Strategies & Development**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	4,000	6,500	7,500	8,000	-	-	-	-	-	-	26,000
	2015 Cap Administrative	-	-53	-	-	-	-	-	-	-	-	-	-53
	2015 Cap Council	-	-166	-	-	-	-	-	-	-	-	-	-166
	Current Approved Budget	-	3,781	6,500	7,500	8,000	-	-	-	-	-	-	25,781
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,500	3,500	4,500	4,500	-	-	-	-	-	-	14,000
	Other Reserve	-	50	50	50	50	-	-	-	-	-	-	200
	Partnership Funding	-	10	-	-	-	-	-	-	-	-	-	10
	Pay-As-You-Go	-	2,221	2,950	2,950	3,450	-	-	-	-	-	-	11,571
	Current Approved Funding Sources	-	3,781	6,500	7,500	8,000	-	-	-	-	-	-	25,781

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,781	6,500	7,500	8,000	-	-	-	-	-	-	25,781
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,500	3,500	4,500	4,500	-	-	-	-	-	-	14,000
	Other Reserve	-	50	50	50	50	-	-	-	-	-	-	200
	Partnership Funding	-	10	-	-	-	-	-	-	-	-	-	10
	Pay-As-You-Go	-	2,221	2,950	2,950	3,450	-	-	-	-	-	-	11,571
	Requested Funding Source	-	3,781	6,500	7,500	8,000	-	-	-	-	-	-	25,781

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	3,006	6,000	7,000	7,550	-	-	-	-	-	-	23,556
	Design	-	950	500	500	450	-	-	-	-	-	-	2,400
	Equip FurnFixt	-	10	-	-	-	-	-	-	-	-	-	10
	Land Improvements	-	-9	-	-	-	-	-	-	-	-	-	-9
	Other Costs	-	-40	-	-	-	-	-	-	-	-	-	-40
	Percent for Art	-	-136	-	-	-	-	-	-	-	-	-	-136
	Total	-	3,781	6,500	7,500	8,000	-	-	-	-	-	-	25,781

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TERWILLEGAR COMM REC CENTRE +05-21-5670**  
 PROFILE: **08-75-2509**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Building Design and Construction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2008
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	154,228
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	154,228
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**PROFILE DESCRIPTION**

This project will provide funding for the development of the new Southwest Community Recreation Complex. The facility will be developed on the Leger District Park Site in the Leger Neighbourhood. Program elements will include an aquatic centre, a fitness centre with walking/jogging track, a flexihall, community program space, and associated social and support amenity space.

The needs assessment & conceptual design for this project was previously funded in profile 04-21-5667, and the land & construction was previously included in profile 05-21-5670. Those budget amounts have been transferred to this profile with the exception of 2007 and prior year costs(\$3,071).

The capital costs have been adjusted to reflect current pricing, and the financing has been updated to reflect Tax Supported Debt to be the sole source of funding.

Expected life cycle of the asset is Forty (40) to Fifty (50) years and the term of the tax supported debt is 25 years.

Operating impact: There will be personnel & support costs for preparation and pre-opening of the facility. Once the facility opens in 2010 and revenues are generated, the tax levy support is projected to decrease.

Note: Prior Year 2007 Actual Cost of \$3,071 was captured under BA21 Profile 05-21-5670.

12-35:\$59 funding from Edmonton Public School as their contribution towards the add'l Terwillegar landscaping costs.

**PROFILE JUSTIFICATION**

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. This project is identified as a priority in the Recreation Facility Master Plan. Development of this facility will provide access to a public recreation centre in the currently underserved and growing area of southwest Edmonton. The multipurpose nature of the facility is based on the principles of the Recreation Facility Master Plan and on a more detailed local community and stakeholder needs assessment.

Business Initiatives: Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy; Well Planned Urban Environment. Department Business Plan: Define and Develop a Community Hub; Develop Parks Open Space for the City of Edmonton. Service Challenge: Meeting the needs of a growing City. Recreation Facility Master Plan: development of this facility is identified in the short term (up to 2010).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Terwillegar Comm Rec Centre +05-21-5670****FUNDED**PROFILE NUMBER: **08-75-2509**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	161,282	-	-	-	-	-	-	-	-	-	-	161,282
	2008 CBS Budget Adjustment	11,456	-	-	-	-	-	-	-	-	-	-	11,456
	2009 CBS Budget Adjustment	23,751	-	-	-	-	-	-	-	-	-	-	23,751
	2010 CBS Budget Adjustment	-38,053	-	-	-	-	-	-	-	-	-	-	-38,053
	2011 CBS Budget Adjustment	-6,021	-	-	-	-	-	-	-	-	-	-	-6,021
	2012 CBS Budget Adjustment	313	-	-	-	-	-	-	-	-	-	-	313
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,500	-	-	-	-	-	-	-	-	-	-	1,500
	2014 Cap Carry Forward	-278	278	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	153,950	278	-	-	-	-	-	-	-	-	-	154,228
	Approved Funding Sources												
	MCFP-Major Community Fac Prgm	10,234	-	-	-	-	-	-	-	-	-	-	10,234
	Munc Sustain. Initiative - MSI	34,000	-	-	-	-	-	-	-	-	-	-	34,000
	Partnership Funding	663	-	-	-	-	-	-	-	-	-	-	663
	Pay-As-You-Go	1,398	-	-	-	-	-	-	-	-	-	-	1,398
	Pay-As-You-Go (non-TCA)	550	-	-	-	-	-	-	-	-	-	-	550
	Tax-Supported Debt	107,105	278	-	-	-	-	-	-	-	-	-	107,383
	Current Approved Funding Sources	153,950	278	-	-	-	-	-	-	-	-	-	154,228

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	153,950	278	-	-	-	-	-	-	-	-	-	154,228
	Requested Funding Source												
	MCFP-Major Community Fac Prgm	10,234	-	-	-	-	-	-	-	-	-	-	10,234
	Munc Sustain. Initiative - MSI	34,000	-	-	-	-	-	-	-	-	-	-	34,000
	Partnership Funding	663	-	-	-	-	-	-	-	-	-	-	663
	Pay-As-You-Go	1,398	-	-	-	-	-	-	-	-	-	-	1,398
	Pay-As-You-Go (non-TCA)	550	-	-	-	-	-	-	-	-	-	-	550
	Tax-Supported Debt	107,105	278	-	-	-	-	-	-	-	-	-	107,383
	Requested Funding Source	153,950	278	-	-	-	-	-	-	-	-	-	154,228

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-278	278	-	-	-	-	-	-	-	-	-	-
	Other Costs	154,228	-	-	-	-	-	-	-	-	-	-	154,228
	Total	153,950	278	-	-	-	-	-	-	-	-	-	154,228

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUILDING AND FACILITY REHABILITATION**  
 PROFILE: **09-41-0100**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>17,498</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>17,498</b>

**PROFILE DESCRIPTION**

This profile provides funding to keep City owned buildings and facilities in safe and usable condition to ensure that current services can be provided to Citizens. The total construction replacement value of these assets is \$4.2 billion.

The type of work within this profile involves rehabilitating or replacing major building and facility components that have deteriorated beyond the industry recommended physical conditions (e.g. catch-up on previously deferred work due to funding constraints). The major components within buildings include structural, electrical, mechanical, architectural, and building envelope. Other components, which form an integral part of the primary functions of facilities (e.g. parking lots, exterior light poles, fences, gates, etc.), are also included in the scope of work of this profile. The funding within this profile is not intended to be used for adaptation/functionally/capacity improvements.

Funding within this profile does not include rehabilitation work for third party managed facilities, such as, Rexall Place, Telus World of Science, Citadel Theatre, etc.

Funding for roof rehabilitation and replacement for City owned buildings and facilities is included in the Roof Rehabilitation and Replacement (12-75-0103) capital profile.

Based on building condition assessments completed in 2010 for major City owned facilities, approximately \$462 million (escalated) (\$350 million (2011\$)) will be required from 2012 to 2021 to address deferred rehabilitation work and bring the overall condition of facilities to an acceptable level.

#12-35: Increase due to \$198 contributed by the North Edmonton Seniors' Association towards add'l renovations to be completed with the repair of the roof collapse in the Northgate Lions Senior Centre.

#12-36: Transfer of funds required to complete the projects initiated under 09-41-0100 \$3.0M GF transfer received from 12-75-0100.

#12-61: To record funding received by North Edmonton Senior Association in the amount of \$130,502.00 for upgrades to the Northgate Lions Centre.

#13-11/12: Carry forward \$974 and surplus \$47

#13-66 Transfer \$500K from 12-75-0100 and \$500K from 12-75-0103 to cover budget shortfall due to unanticipated poor soil conditions - West Soccer Cntr Parking & mould at the East Soccer Cntr.

#13-60 Transfer of funds \$829 to fund new profile 13-75-0110 (PMMS Growth Vehicles)

#13-64 \$75,977 - Funding received from North Edm Seniors Association for upgrades to Northgate Lions Centre.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace the various components to protect the safety of City staff and the public, to maximize the life of the components and buildings, and to meet the current citizen service needs. Based on previous funding levels, rehabilitation work and replacement of major components has not occurred when needed. This has created a backlog of rehabilitation work, reduced the useful lives of certain City owned buildings and facilities, increased operating maintenance costs, and has caused unplanned service interruptions.

The total funding identified in this profile will address the current deferred buildings and facilities rehabilitation backlog. Based on this level of funding, the deferred rehabilitation backlog will still continue to increase by 3% per year or by \$15 million in 2012, as other building components deteriorate beyond their required rehabilitation cycle without being funded.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Building and Facility Rehabilitation****FUNDED**PROFILE NUMBER: **09-41-0100**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,140	-	-	-	-	-	-	-	-	-	-	20,140
	2009 CBS Budget Adjustment	-5,836	-	-	-	-	-	-	-	-	-	-	-5,836
	2010 CBS Budget Adjustment	-218	-	-	-	-	-	-	-	-	-	-	-218
	2011 CBS Budget Adjustment	-2,035	-	-	-	-	-	-	-	-	-	-	-2,035
	2012 CBS Budget Adjustment	4,523	-	-	-	-	-	-	-	-	-	-	4,523
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,106	-	-	-	-	-	-	-	-	-	-	1,106
	2014 Cap Carry Forward	-83	83	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-182	-	-	-	-	-	-	-	-	-	-	-182
	Current Approved Budget	17,415	83	-	-	-	-	-	-	-	-	-	17,498
	Approved Funding Sources												
	Comm. Fac. Enhancmt Prog. Grant	125	-	-	-	-	-	-	-	-	-	-	125
	Partnership Funding	387	-	-	-	-	-	-	-	-	-	-	387
	Pay-As-You-Go	16,903	83	-	-	-	-	-	-	-	-	-	16,986
	Current Approved Funding Sources	17,415	83	-	-	-	-	-	-	-	-	-	17,498

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	17,415	83	-	-	-	-	-	-	-	-	-	17,498
	Requested Funding Source												
	Comm. Fac. Enhancmt Prog. Grant	125	-	-	-	-	-	-	-	-	-	-	125
	Partnership Funding	387	-	-	-	-	-	-	-	-	-	-	387
	Pay-As-You-Go	16,903	83	-	-	-	-	-	-	-	-	-	16,986
	Requested Funding Source	17,415	83	-	-	-	-	-	-	-	-	-	17,498

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-83	83	-	-	-	-	-	-	-	-	-	-
	Other Costs	17,498	-	-	-	-	-	-	-	-	-	-	17,498
	Total	17,415	83	-	-	-	-	-	-	-	-	-	17,498

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUILDING AND FACILITY REHABILITATION**  
 PROFILE: **09-41-0101**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>28,473</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>28,473</b>

**PROFILE DESCRIPTION**

This profile provides funding to keep City owned buildings and facilities in safe and usable condition to ensure that current services can be provided to Citizens. The total construction replacement value of these assets is \$4.2 billion.

The type of work within this profile involves rehabilitating or replacing major building and facility components that have deteriorated beyond the industry recommended physical conditions (e.g. catch-up on previously deferred work due to funding constraints). The major components within buildings include structural, electrical, mechanical, architectural, and building envelope. Other components, which form an integral part of the primary functions of facilities (e.g. parking lots, exterior light poles, fences, gates, etc.), are also included in the scope of work of this profile. The funding within this profile is not intended to be used for adaptation/functionally/capacity improvements.

Funding within this profile does not include rehabilitation work for third party managed facilities, such as, Rexall Place, Telus World of Science, Citadel Theatre, etc.

Funding for roof rehabilitation and replacement for City owned buildings and facilities is included in the Roof Rehabilitation and Replacement (12-75-0103) capital profile

Based on building condition assessments completed in 2010 for major City owned facilities, approximately \$462 million (escalated) (\$350 million (2011\$)) will be required from 2012 to 2021 to address deferred rehabilitation work and bring the overall condition of facilities to an acceptable level.

#12-35: Transfer of funds required to complete the projects initiated under 09-41-0101. (1) Transfer \$600K MSI from 09-41-0101 to 09-41-6603 as add'l GF funds required. (2) Receive \$600k GF from 09-41-6603 (3) Receive \$400k GF from 12-75-0100

#12-36 Transfer of add'l funds required to complete the projects initiated under 09-41-0101. Receive \$3.4M MSI from 12-75-0100.

#13-36: Transfer between projects - Stanley Milner Lib Parkade HVAC - HVAC up for renewal as it's life cycle has been reached. The completion of design development (preliminary design), resulted in more accurate estimates of the costs to complete the work - increase \$2.9M. Recommend transfer from 09-41-2010 Library Parkade Rehabilitation (\$2.892M surplus declared).

#13-66 \$158 Transfer MSI from 12-75-0100 to cover budget shortfall due to unanticipated conditions encountered -Clareview Arena Rehab project.

#13-67 \$250K CIIP funds received. Funding source from GF to Fed Grant.

#13-60 \$271 transfer to 13-75-0110

**PROFILE JUSTIFICATION**

Facilities must be maintained to a minimum standard which preserves their useful life, ensures the occupants ability to carry out necessary functions and responsibilities, and ensures the health and safety of the staff and public.

Without the required funding, building components and systems at or near the end of their useful life will not be restored or replaced in a timely or cost effective manner. This will lead to higher operating costs, increased frequency of emergency repairs and lead to more costly repairs and renovations in future years.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy.

Service Challenge: Conservation of an aging infrastructure.

**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

15-41-9 (Fall SBA): Transfer \$245K PAYG from 12-75-0100 Building and Facility Rehabilitation to 09-41-0101 Building and Facility Rehabilitation to cover over expenditures in 2015.

Stanley Milner Library Parkade HVAC - CP2391 - was initiated in 2010. Half way through construction, several areas of the parkade were designated as confined and/or restricted spaces.....which required re-tendering of certain aspects of the work and extended the construction period and the cost. Therefore a SCBA has been requested to transfer funds from 12-75-0100 to cover the cost to complete this project.

PROFILE NAME: **Building and Facility Rehabilitation**

**FUNDED**

PROFILE NUMBER: **09-41-0101**

PROFILE TYPE: **Composite**

BRANCH: **Facility and Landscape Infrastructure**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	29,480	-	-	-	-	-	-	-	-	-	-	29,480
	2009 CBS Budget Adjustment	47	-	-	-	-	-	-	-	-	-	-	47
	2010 CBS Budget Adjustment	-8,207	-	-	-	-	-	-	-	-	-	-	-8,207
	2011 CBS Budget Adjustment	-7,465	-	-	-	-	-	-	-	-	-	-	-7,465
	2012 CBS Budget Adjustment	5,778	-	-	-	-	-	-	-	-	-	-	5,778
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	8,595	-	-	-	-	-	-	-	-	-	-	8,595
	2014 Cap Carry Forward	-723	723	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	245	-	-	-	-	-	-	-	-	-	245
	Current Approved Budget	27,505	968	-	-	-	-	-	-	-	-	-	28,473
	Approved Funding Sources												
	Federal Grant	250	-	-	-	-	-	-	-	-	-	-	250
	Munc Sustain. Initiative - MSI	24,004	637	-	-	-	-	-	-	-	-	-	24,641
	Pay-As-You-Go	3,251	331	-	-	-	-	-	-	-	-	-	3,582
	Current Approved Funding Sources	27,505	968	-	-	-	-	-	-	-	-	-	28,473

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	27,505	968	-	-	-	-	-	-	-	-	-	28,473
	Requested Funding Source												
	Federal Grant	250	-	-	-	-	-	-	-	-	-	-	250
	Munc Sustain. Initiative - MSI	24,004	637	-	-	-	-	-	-	-	-	-	24,641
	Pay-As-You-Go	3,251	331	-	-	-	-	-	-	-	-	-	3,582
	Requested Funding Source	27,505	968	-	-	-	-	-	-	-	-	-	28,473

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-723	968	-	-	-	-	-	-	-	-	-	245
	Other Costs	28,228	-	-	-	-	-	-	-	-	-	-	28,228
	Total	27,505	968	-	-	-	-	-	-	-	-	-	28,473

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUILDING AND FACILITY REHABILITATION**  
 PROFILE: **12-75-0100**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>24,955</b>
<b>-36</b>	<b>136</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>24,955</b>

**PROFILE DESCRIPTION**

This profile provides funding to keep City owned buildings and facilities in safe and usable condition to ensure that current services can be provided to Citizens. The total construction replacement value of these assets is \$4.2 billion.

The type of work within this profile involves rehabilitating or replacing major building and facility components that have deteriorated beyond the industry recommended physical conditions (e.g. catch-up on previously deferred work due to funding constraints). The major components within buildings include structural, electrical, mechanical, architectural, and building envelope. Other components, which form an integral part of the primary functions of facilities (e.g. parking lots, exterior light poles, fences, gates, etc.), are also included in the scope of work of this profile. The funding within this profile is not intended to be used for adaptation/functionally/capacity improvements.

Funding within this profile does not include rehabilitation work for third party managed facilities, such as, Rexall Place, Telus World of Science, Citadel Theatre, etc.

Funding for roof rehabilitation and replacement for City owned buildings and facilities is included in the Roof Rehabilitation and Replacement (12-75-0103) capital profile

Based on building condition assessments completed in 2010 for major City owned facilities, approximately \$462 million (escalated) (\$350 million (2011\$)) will be required from 2012 to 2021 to address deferred rehabilitation work and bring the overall condition of facilities to an acceptable level. The \$35.923 million that has been allocated in 2012-14 will be used to completed work started in the 2009-11 capital budget, and it will address deferred rehabilitation needs in Fire Stations, Police facilities, and various Community Service facilities. This work has been prioritized based on safety, building condition assessments and impact to services if the work is not completed.

The \$428 million identified under the Funding Earmarked for Future Expenditures, are funds required to the address the balance previous deferred rehabilitation work.

#12-35 and 12-36: Projects initiated under 09-41-0100 and 09-41-0101 Building and Facility Rehabilitation budgets require additional funds to complete. These amounts have been identified in 12-75-0100 therefore (1) transfer \$400k GF to 09-41-0101, (2) transfer \$3.0M GF to 09-41-0100 (3) transfer \$3.4M MSI to 09-41-0101 and (4) transfer \$3.814 (\$965 in 2012, \$2191 in 2013 and \$658 in 2014) to 12-60-1856 as funds identified for rehab of Police buildings.

#12-55: Transfer funds from 12-75-0100 to 07-21-5800 to complete St. Francis Xavier Field House Project. No change to Tax Levy.

#13-66 Transfer \$500K to 09-41-0100 to cover budget shortfall. Emergency projects take priority, projects of less urgency will be postponed.

May require add'l funding in next capital budget cycle.

#13-66 Transfer \$158 to 09-41-0101 to cover budget shortfall. Emergency projects take priority, projects of less urgency will be postponed. May require add'l funding in next capital budget cycle.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace the various components to protect the safety of City staff and the public, to maximize the life of the components and buildings, and to meet the current citizen service needs. Based on previous funding levels, rehabilitation work and replacement of major components has not occurred when needed. This has created a backlog of rehabilitation work, reduced the useful lives of certain City owned buildings and facilities, increased operating maintenance costs, and has caused unplanned service interruptions.

The total funding identified in this profile will address the current deferred buildings and facilities rehabilitation backlog. Based on this level of funding, the deferred rehabilitation backlog will still continue to increase by 3% per year or by \$15 million in 2012, as other building components deteriorate beyond their required rehabilitation cycle without being funded.



**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

15-41-9 (Fall SBA): Transfer \$245K PAYG from 12-75-0100 Building and Facility Rehabilitation to 09-41-0101 Building and Facility Rehabilitation to cover over expenditures in 2015.

Stanley Milner Library Parkade HVAC - CP2391 - was initiated in 2010. Half way through construction, several areas of the parkade were designated as confined and/or restricted spaces.....which required re-tendering of certain aspects of the work and extended the construction period and the cost. Therefore a SCBA has been requested to transfer funds from 12-75-0100 to cover the cost to complete this project.

PROFILE NAME: **Building and Facility Rehabilitation**

**FUNDED**

PROFILE NUMBER: **12-75-0100**

PROFILE TYPE: **Composite**

BRANCH: **Facility and Landscape Infrastructure**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	33,074	-	-	-	-	-	-	-	-	-	-	33,074
	2012 CBS Budget Adjustment	-18,627	-	-	-	-	-	-	-	-	-	-	-18,627
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	9,973	-	-	-	-	-	-	-	-	-	-	9,973
	2014 Cap Carry Forward	-3,776	3,776	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-9,000	-	-	-	-	-	-	-	-	-	-	-9,000
	2014 SCBA >\$1MM or New	9,781	-	-	-	-	-	-	-	-	-	-	9,781
	2014 SCBA Within Branch	-1	-	-	-	-	-	-	-	-	-	-	-1
	2015 Cap Administrative	-	-245	-	-	-	-	-	-	-	-	-	-245
	Current Approved Budget	21,424	3,531	-	-	-	-	-	-	-	-	-	24,955
	Approved Funding Sources												
	Federal Grant	44	-	-	-	-	-	-	-	-	-	-	44
	Munc Sustain. Initiative - MSI	3,252	230	-	-	-	-	-	-	-	-	-	3,482
	Partnership Funding	15	-	-	-	-	-	-	-	-	-	-	15
	Pay-As-You-Go	18,113	3,301	-	-	-	-	-	-	-	-	-	21,414
	Current Approved Funding Sources	21,424	3,531	-	-	-	-	-	-	-	-	-	24,955

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	21,424	3,531	-	-	-	-	-	-	-	-	-	24,955
	Requested Funding Source												
	Federal Grant	44	-	-	-	-	-	-	-	-	-	-	44
	Munc Sustain. Initiative - MSI	3,252	230	-	-	-	-	-	-	-	-	-	3,482
	Partnership Funding	15	-	-	-	-	-	-	-	-	-	-	15
	Pay-As-You-Go	18,113	3,301	-	-	-	-	-	-	-	-	-	21,414
	Requested Funding Source	21,424	3,531	-	-	-	-	-	-	-	-	-	24,955

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,996	3,531	-	-	-	-	-	-	-	-	-	535
	Other Costs	24,420	-	-	-	-	-	-	-	-	-	-	24,420
	Total	21,424	3,531	-	-	-	-	-	-	-	-	-	24,955

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ROOF REHABILITATION AND REPLACEMENT**  
 PROFILE: **12-75-0103**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>19,494</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>19,494</b>

**PROFILE DESCRIPTION**

This profile provides funding for the replacement of roofs on City owned buildings and facilities to ensure that current services can be provided to Citizens.

The work within this profile involves replacing roofs that have deteriorated beyond the industry recommended physical conditions (e.g. catch-up on previously deferred work due to funding constraints). Funding within this profile does not include roof replacements for third party managed facilities, such as, Rexall Place, Telus World of Science, Citadel Theatre, etc.

Based on building condition assessments completed in 2010 for major City owned facilities, approximately \$182 million (escalated) ((\$150 million (2011\$)) will be required from 2012 to 2021 to address deferred roof replacements. The \$30.466 million that has been allocated in 2012-14 will be used to address deferred roof replacements in various Transit, Police, and Community Service facilities. This work has been prioritized based on performance history, roof condition inventory evaluation and analysis.

The \$181.874 million identified under the Funding Earmarked for Future Expenditures, are funds required to the address the balance previous deferred roof replacement work.

#13-66 \$500K Transfer to 09-41-0100 to cover budget shortfall. Emergency projects take priority, less urgent projects will be postponed and add'l funding may be requested in the following capital budget cycle.

#13-66 \$750 Transfer to 10-21-0910 to cover budget shortfall due to unforeseen site conditions, under estimated delegated design components, climate impacts and upgraded utility infrastructure at the Valley Zoo. Add'l funding may be requested for less urgent projects in the following capital budget cycle.

**PROFILE JUSTIFICATION**

Maximizing the useful life of roofs and then replacing them just before they can no longer protect the other critical systems within buildings is one of the cornerstones of an overall building rehabilitation strategy. Once the integrity of building roofing components are compromised, the risk of damage to other building components and the risk of health related issues (e.g. mould) greatly increases.

Based on previous funding levels, roof replacements have not occurred when needed. This has created a backlog of roof replacements work, reduced the useful lives of certain City owned buildings and facilities, increased health risks to building occupants, increased operating maintenance costs, increased energy costs, and has caused unplanned service interruptions. The industry standard life expectancy of the roof is between 20 and 25 years. Based on this between 4% and 5% of the city's roofs should be replaced annually.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Roof Rehabilitation and Replacement****FUNDED**PROFILE NUMBER: **12-75-0103**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	30,466	-	-	-	-	-	-	-	-	-	-	30,466
	2012 CBS Budget Adjustment	-4,913	-	-	-	-	-	-	-	-	-	-	-4,913
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,663	-	-	-	-	-	-	-	-	-	-	3,663
	2014 Cap Carry Forward	-6,461	6,461	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-9,722	-	-	-	-	-	-	-	-	-	-	-9,722
	Current Approved Budget	13,033	6,461	-	-	-	-	-	-	-	-	-	19,494
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	8,401	1,678	-	-	-	-	-	-	-	-	-	10,079
APPROVED BUDGET	Pay-As-You-Go	4,632	4,783	-	-	-	-	-	-	-	-	-	9,415
	Current Approved Funding Sources	13,033	6,461	-	-	-	-	-	-	-	-	-	19,494

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	13,033	6,461	-	-	-	-	-	-	-	-	-	19,494
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	8,401	1,678	-	-	-	-	-	-	-	-	-	10,079
	Pay-As-You-Go	4,632	4,783	-	-	-	-	-	-	-	-	-	9,415
	Requested Funding Source	13,033	6,461	-	-	-	-	-	-	-	-	-	19,494

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-13,973	6,461	-	-	-	-	-	-	-	-	-	-7,512
	Design	-2,210	-	-	-	-	-	-	-	-	-	-	-2,210
	Other Costs	29,216	-	-	-	-	-	-	-	-	-	-	29,216
	Total	13,033	6,461	-	-	-	-	-	-	-	-	-	19,494

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SHAW CONFERENCE CENTRE ESCALATORS**  
 PROFILE: **12-75-1006**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>12,300</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>12,300</b>

**PROFILE DESCRIPTION**

This project will provide funding to proceed with the design and replacement of the escalator system at the Shaw Conference Centre.

**PROFILE JUSTIFICATION**

The existing six escalators are approximately 28 years old and are near the end of their useful life. In recent years there have been ongoing maintenance concerns but, the current escalator maintenance contractor has strived to resolve many of those issues. The lack of reliable escalators has had an impact on the overall reputation of the Shaw Conference Centre and could reduce the opportunity for Edmonton to put its best foot forward.

It is necessary to program the replacements of these units as it is not known how long they will continue to provide reliable service. The Shaw Conference Center Escalator Replacement Study conducted by Stantec (August 2010) supports the requirement to replace the existing escalators.

This rehabilitation project has the additional requirement to coordinate the project within a functioning conference center which is a major attraction for the city. Scheduling must be such that the overall operations of the conference center are not adversely affected. This will require substantial coordination to minimize the impact on business. There will be a reduction in the escalator maintenance contract costs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Shaw Conference Centre Escalators****FUNDED**PROFILE NUMBER: **12-75-1006**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	12,300	-	-	-	-	-	-	-	-	-	-	12,300
	2012 CBS Budget Adjustment	-1,186	-	-	-	-	-	-	-	-	-	-	-1,186
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,186	-	-	-	-	-	-	-	-	-	-	1,186
	2014 Cap Carry Forward	-11,587	11,587	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	713	11,587	-	-	-	-	-	-	-	-	-	12,300
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	702	10,368	-	-	-	-	-	-	-	-	-	11,070
	Pay-As-You-Go	11	1,219	-	-	-	-	-	-	-	-	-	1,230
	Current Approved Funding Sources	713	11,587	-	-	-	-	-	-	-	-	-	12,300

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	713	11,587	-	-	-	-	-	-	-	-	-	12,300
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	702	10,368	-	-	-	-	-	-	-	-	-	11,070
	Pay-As-You-Go	11	1,219	-	-	-	-	-	-	-	-	-	1,230
	Requested Funding Source	713	11,587	-	-	-	-	-	-	-	-	-	12,300

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-11,587	11,587	-	-	-	-	-	-	-	-	-	-
	Other Costs	12,300	-	-	-	-	-	-	-	-	-	-	12,300
	Total	713	11,587	-	-	-	-	-	-	-	-	-	12,300

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FIRE ALARM REPORTING SYSTEM UPGRADES**  
 PROFILE: **12-75-5000**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Kabarchuk J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,500</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,500</b>

**PROFILE DESCRIPTION**

This project will provide funding to proceed with the conversion of the existing fire alarm monitoring software to a Underwriters Lab Canada (ULC) rated system and provide the necessary equipment changes to ensure compatibility and compliance with current codes and upcoming changes to the Alberta Building Code.

## Timelines

2012: Selection of new software and design of system implementation  
 2013-2014: implementation and equipment changes

**PROFILE JUSTIFICATION**

The current fire alarm reporting system involves sending a signal from individual buildings to the Corporate Security monitoring station. They then report the fire alarm to Edmonton fire rescue services. At some point in the distant past the decision was made to combine the fire alarm reporting system with the access control security system. Unfortunately it has recently been determined that the current system is not ULC compliant and therefore the current fire reporting system does not meet ULC and fire code requirements.

In mid 2011, an external consultant conducted a review of the existing system setup and identified the requirements to make the system ULC compliant and also to take into consideration upcoming changes to the Alberta Building Code.

This project is intended to provide a ULC compliant fire reporting software and make the necessary hardware changes to ensure that an effective fire reporting system is available to protect the city of Edmonton's assets.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fire Alarm Reporting System Upgrades****FUNDED**PROFILE NUMBER: **12-75-5000**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,500	-	-	-	-	-	-	-	-	-	-	3,500
	2012 CBS Budget Adjustment	-862	-	-	-	-	-	-	-	-	-	-	-862
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	862	-	-	-	-	-	-	-	-	-	-	862
	2014 Cap Carry Forward	-1,127	1,127	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500
	Approved Funding Sources												
	Pay-As-You-Go	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500
	Current Approved Funding Sources	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500
	Requested Funding Source												
	Pay-As-You-Go	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500
	Requested Funding Source	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,127	1,127	-	-	-	-	-	-	-	-	-	-
	Other Costs	3,500	-	-	-	-	-	-	-	-	-	-	3,500
	Technology	-	-	-	-	-	-	-	-	-	-	-	-
	Total	2,373	1,127	-	-	-	-	-	-	-	-	-	3,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	PROJECT MANAGEMENT INFORMATION SYSTEM (PMIS)	<b>FUNDED</b>
PROFILE	14-75-0102	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Facility and Landscape Infrastructure	PROFILE MANAGER: Adam Laughlin
PROGRAM NAME:	Corporate Centre for Project Management	LEAD BRANCH MANAGER: Adam Laughlin
LEAD BRANCH:	Facility and Landscape Infrastructure	ESTIMATED START: January, 2014
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2015

Service Category:	Building Renewal	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	2,800
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	2,800

**PROFILE DESCRIPTION**

The purpose of this project is to acquire and implement a PMIS solution for capital construction projects.

**PROFILE BACKGROUND**

Project management has been practiced, however the practice and respective levels of maturity of project management varies across the Corporation. Some variation is expected due to COE's size and complexity, as it reflects the diverse project types.

**PROFILE JUSTIFICATION**

The goal of the PMIS Implementation Project is to acquire & implement a single integrated information technology tool to support the corporate Project Management practice, focusing on capital construction projects and to support mgmt and City Council

**STRATEGIC ALIGNMENT**

'The Way Ahead' – "consistent management practices and processes".

Consistency in project management information tracking and reporting contributes to the 'One City' strategy

**ALTERNATIVES CONSIDERED**

1. PACMAN project attempted to implement SAP Project Systems as a solution for the PMIS needs of the city.
2. POSSE is known to work, at least in one or two business areas.
3. Microsoft Project Server and
4. Off the Shelf PMIS

**COST BENEFITS**

- Timely & accurate forecasting
- Reduce time for report preparation
- Improve decision making, transparency, clarity of structure, roles & accountability
- Better communication & collaboration
- Effective organization & it's management approach

**KEY RISKS & MITIGATING STRATEGY**

Not proceeding with the initiative: Roll-out of the Project Management Reference Guide (PMRG) will provide common processes for construction project managers. The business areas would then need to continue to use area-specific solutions.

**RESOURCES**

A small project team, working with resources from the selected vendor, would be required to implement the PMIS for the City construction areas.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Project Management Information System (PMIS)****FUNDED**PROFILE NUMBER: **14-75-0102**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-398	398	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	590	2,210	-	-	-	-	-	-	-	-	-	2,800
	Current Approved Budget	192	2,608	-	-	-	-	-	-	-	-	-	2,800
	Approved Funding Sources												
	Pay-As-You-Go	192	2,608	-	-	-	-	-	-	-	-	-	2,800
	Current Approved Funding Sources	192	2,608	-	-	-	-	-	-	-	-	-	2,800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	192	2,608	-	-	-	-	-	-	-	-	-	2,800
	Requested Funding Source												
	Pay-As-You-Go	192	2,608	-	-	-	-	-	-	-	-	-	2,800
	Requested Funding Source	192	2,608	-	-	-	-	-	-	-	-	-	2,800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-398	398	-	-	-	-	-	-	-	-	-	-
	Technology	590	2,210	-	-	-	-	-	-	-	-	-	2,800
	Total	192	2,608	-	-	-	-	-	-	-	-	-	2,800

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	<b>POLICE STATION WEST DIVISION BUILDING REHABILITATION</b>	<b>FUNDED</b>
PROFILE	<b>15-75-0105</b>	PROFILE STAGE: <b>Approved</b>
DEPARTMENT:	<b>Community Services</b>	PROFILE TYPE: <b>Standalone</b>
BRANCH:	<b>Facility and Landscape Infrastructure</b>	PROFILE MANAGER: <b>Adam Laughlin</b>
PROGRAM NAME:	<b>Facility Maintenance</b>	LEAD BRANCH MANAGER: <b>Adam Laughlin</b>
LEAD BRANCH:	<b>Facility and Landscape Infrastructure</b>	ESTIMATED START: <b>January, 2015</b>
BUDGET CYCLE:	<b>2015-2018 run for 2015</b>	ESTIMATED COMPLETION: <b>December, 2017</b>

Service Category:	<b>Building Renewal</b>	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>6,007</b>
<b>10</b>	<b>90</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>6,007</b>

**PROFILE DESCRIPTION**

This profile addresses the building maintenance rehabilitation work at Police Station West Division.

The scope of work will include upgrades to and/or replacement of:

- Interior construction and finishes
- Plumbing system
- Heating Ventilation and Air Conditioning (HVAC) system
- Security and fire alarm system
- Site works

**PROFILE BACKGROUND**

The Police Station West Division building houses over 190 police officers and support staff that help provide a safe, vibrant city through innovative, responsive and progressive policing. The building was constructed in 1994 with a gross area of 3,770 square metres (40,580 sq. ft.). Most of the building components and systems were installed when the building was constructed and has since deteriorated. In a recent building condition assessment, completed in 2014, several major components, systems and structure of the building are beyond its economic useful life. Major repairs and upgrades are necessary to prevent facility shutdown and interruptions to Edmonton Police Services operations.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities. The main objective is to transform the portfolio of City facilities into one that is more economically, physically and environmentally sustainable over their life cycles.

The Police Station West Division building rehabilitation project addresses the deficiencies outlined in the building condition assessment report which extends the overall lifespan and improves the physical condition of the building. Police Station is an essential asset to our first responders – Edmonton Police Services, who strives to make communities safe.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it ensures that Infrastructure continues to operate and is maintained so that it is accessible to all Edmontonians as intended.

**ALTERNATIVES CONSIDERED**

Excess, underutilized, and obsolete facilities constitute a drain on the FM's budget in costs and in forgone opportunities to invest in the maintenance and repair of facilities and to reduce energy use, water use, and greenhouse gas emissions.

To manage and mitigate the risks posed by the ownership of older and obsolete facilities, do the following:

- Systematically dispose of excess and underutilized facilities.
- Pursue a proactive strategy to minimize their total facilities "footprint."
- Link maintenance and repair activities to the organization's business or mission and set priorities among them.
- Correlate the effects of systems-related failures with the business or mission.
- Correlate delays in timely maintenance and repair with sustainment cost.

**COST BENEFITS**

Tangible Benefits: Improved Reliability, improved productivity, and fewer accidents and injuries.

Intangible Benefits: Customer satisfaction and improved public image.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

As facilities deteriorate, their components and systems age and will fail. Failure of these systems poses various risks on the users of the facility and the lack of rehabilitation activities can lead to the closure of the facility.

## RESOURCES

This project will be managed by BD&C of Facility and Landscape Infrastructure from design to construction.

## CONCLUSIONS AND RECOMMENDATIONS

Renewing City facilities is vital to ensure continual operation. Since project costs exceeds \$5M, a standalone profile is required. Therefore, \$6M from the Building Rehabilitation Composite Profile (CM-75-0100) is being transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Police Station West Division Building Rehabilitation****FUNDED**PROFILE NUMBER: **15-75-0105**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007
	Current Approved Budget	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	901	636	1,693	-	-	-	-	-	-	-	3,230
	Pay-As-You-Go	-	-	1,917	860	-	-	-	-	-	-	-	2,777
	Current Approved Funding Sources	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	901	636	1,693	-	-	-	-	-	-	-	3,230
	Pay-As-You-Go	-	-	1,917	860	-	-	-	-	-	-	-	2,777
	Requested Funding Source	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007
	Total	-	901	2,553	2,553	-	-	-	-	-	-	-	6,007

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	DAVIES SITE RICHARD PATERSON GARAGE BUILDING REHABILITATION	<b>FUNDED</b>
PROFILE	15-75-0106	PROFILE STAGE: Approved
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Facility and Landscape Infrastructure	PROFILE MANAGER: Adam Laughlin
PROGRAM NAME:	Facility Maintenance	LEAD BRANCH MANAGER: Adam Laughlin
LEAD BRANCH:	Facility and Landscape Infrastructure	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Building Renewal	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	10,308
10	90	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	10,308

**PROFILE DESCRIPTION**

This profile addresses the building maintenance rehabilitation work at Davies Site Richard Paterson Garage.

The scope of work will include repairs to and replacement of:

- Exterior enclosures
- Plumbing system
- Heating Ventilation and Air Conditioning (HVAC) system
- Electrical systems
- Site works

**PROFILE BACKGROUND**

The Davies Site Richard Paterson Garage serves primarily as a maintenance facility for Edmonton Transit buses. The facility was constructed in 1965 with reinforced concrete foundation, masonry external walls, reinforced concrete internal skeleton and precast roofing.

Most of the building components and systems were installed when the building was constructed and has since deteriorated. In a recent building condition assessment report, several deficiencies to the building structure, mechanical and electrical systems were identified. Major repairs and upgrades are necessary to prevent facility shutdown that can cause interruptions to the City's transit system operational needs.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities, and the consolidation of the existing facilities footprint. The main objective is to transform the portfolio of City facilities into one that is more economically, physically, and environmentally sustainable over their life cycles.

The Davies Site Richard Paterson Garage building rehabilitation project responds to the poor condition assessment and supports the Edmonton Transit System operational needs and growth as the bus fleet expands.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it ensures that Infrastructure continues to operate and is maintained so that it is accessible to all Edmontonians as intended.

**ALTERNATIVES CONSIDERED**

The alternate to a deliberate rehabilitation program is to carry out replacements of components as they fail using operating funds. This is considered to be the highest cost alternative to facility maintenance by industry.

**COST BENEFITS**

Tangible Benefits: Improved reliability, enhanced energy efficiency, and improved productivity.

Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As facilities deteriorate, their components and systems age and will fail. Failure of these systems poses various risks on the users of the facility and the lack of rehabilitation activities can lead to the closure of the facility.

**RESOURCES**

All rehabilitation projects will be managed by the Project Management and Maintenance Services Branch. Where outside resources are required, competitive bid processes will be used to obtain goods and services.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Renewing City facilities is vital to ensure continual operation. Since project costs exceed \$5M, a standalone profile is required. Therefore, \$10.3M from the Building Rehabilitation Composite Profile (CM-75-0100) is being transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Davies Site Richard Paterson Garage Building Rehabilitation****FUNDED**PROFILE NUMBER: **15-75-0106**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308
	Current Approved Budget	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,753	1,912	5,097	-	-	-	-	-	-	8,762
	Pay-As-You-Go	-	-	309	263	974	-	-	-	-	-	-	1,546
	Current Approved Funding Sources	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,753	1,912	5,097	-	-	-	-	-	-	8,762
	Pay-As-You-Go	-	-	309	263	974	-	-	-	-	-	-	1,546
	Requested Funding Source	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308
	Total	-	-	2,062	2,175	6,071	-	-	-	-	-	-	10,308

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	FERRIER TRANSIT GARAGE BUILDING REHABILITATION	<b>FUNDED</b>
PROFILE	15-75-0107	PROFILE STAGE: Approved
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Facility and Landscape Infrastructure	PROFILE MANAGER: Adam Laughlin
PROGRAM NAME:	Facility Maintenance	LEAD BRANCH MANAGER: Adam Laughlin
LEAD BRANCH:	Facility and Landscape Infrastructure	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Building Renewal	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	9,067
10	90	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	9,067

**PROFILE DESCRIPTION**

This profile addresses the building maintenance rehabilitation work at Ferrier Transit Garage.

The scope of work will include upgrades to and replacement of:

- Interior construction and finishes
- Exteriors enclosures
- Plumbing systems
- Heating Ventilation and Air Conditioning (HVAC) system
- Electrical systems

**PROFILE BACKGROUND**

The Ferrier Transit Garage is a facility for parking, maintenance and repair of Edmonton Transit buses. The facility's structure is a combination of steel, concrete and concrete block constructed approximately in 1975 with a gross area of approximately 18,953 square metres (204,009 sq. ft.). The facility has a partial basement that serves as the boiler room.

Most of the building components and systems were installed when the building was constructed and has since deteriorated. A building condition assessment was completed in 2010 which identified several deficiencies to the building structure, mechanical and electrical systems. Major repairs and upgrades are necessary to prevent interruptions to the City's transit system operational needs.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities. The main objective is to transform the portfolio of City facilities into one that is more economically, physically and environmentally sustainable over their life cycles.

The Ferrier Transit Garage building rehabilitation project responds to the poor condition assessment and supports the Edmonton Transit System operational needs and growth as the bus fleet expands.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it ensures that Infrastructure continues to operate and is maintained so that it is accessible to all Edmontonians as intended.

**ALTERNATIVES CONSIDERED**

Excess, underutilized, and obsolete facilities constitute a drain on the FM's budget in costs and in forgone opportunities to invest in the maintenance and repair of facilities and to reduce energy use, water use, and greenhouse gas emissions.

**COST BENEFITS**

Tangible Benefits: Improved Reliability, improved productivity, and fewer accidents and injuries.

Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As facilities deteriorate, their components and systems age and tend to fail. Failure of these systems poses various safety and environmental risks to all users.



# CAPITAL PROFILE REPORT

## RESOURCES

This project will be managed by BD&C of Facility and Landscape Infrastructure from design to construction.

## CONCLUSIONS AND RECOMMENDATIONS

Renewing City facilities is vital to ensure continual operation. Since project costs exceeds \$5M, a standalone profile is required. Therefore, \$9.1M from the Building Rehabilitation Composite Profile (CM-75-0100) is being transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Ferrier Transit Garage Building Rehabilitation****FUNDED**PROFILE NUMBER: **15-75-0107**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067
	Current Approved Budget	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	2,312	1,542	3,853	-	-	-	-	-	-	7,707
	Pay-As-You-Go	-	-	408	272	680	-	-	-	-	-	-	1,360
	Current Approved Funding Sources	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	2,312	1,542	3,853	-	-	-	-	-	-	7,707
	Pay-As-You-Go	-	-	408	272	680	-	-	-	-	-	-	1,360
	Requested Funding Source	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067
	Total	-	-	2,720	1,814	4,533	-	-	-	-	-	-	9,067

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	MITCHELL TRANSIT GARAGE BUILDING REHABILITATION	<b>FUNDED</b>
PROFILE	15-75-0108	PROFILE STAGE: Approved
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Facility and Landscape Infrastructure	PROFILE MANAGER: Adam Laughlin
PROGRAM NAME:	Facility Maintenance	LEAD BRANCH MANAGER: Adam Laughlin
LEAD BRANCH:	Facility and Landscape Infrastructure	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Building Renewal	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	6,795
10	90	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	6,795

**PROFILE DESCRIPTION**

This profile addresses the building maintenance rehabilitation work at Mitchell Transit Garage.

The scope of work will include upgrades to and replacement of:

- Interior construction and finishes,
- Exteriors enclosures and construction
- Plumbing system
- Heating Ventilation and Air Conditioning (HVAC) system
- Site works

In addition, the following studies will also be conducted for safety reasons:

- Study to determine the cause of basement water infiltration seepage and to determine an appropriate repair
- Study to determine the case of the warping/collapsing of the acrylic dome skylights
- Study to confirm that the ventilation systems for the garage are functioning as designed

**PROFILE BACKGROUND**

The Mitchell Transit Garage is a facility for parking, maintenance and repair of Edmonton Transit buses. The facility is a mainly steel framed and concrete block structure constructed approximately in 1980 with a gross area of approximately 20,583 square metres (224,456 sq. ft.).

Most of the building components and systems were installed when the building was constructed and has since deteriorated. A building condition assessment was completed in 2010 which identified several deficiencies to the building structure, mechanical and electrical systems. Major repairs and upgrades are necessary to prevent interruptions to the City's transit system operational needs.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities. The main objective is to transform the portfolio of City facilities into one that is more economically, physically and environmentally sustainable over their life cycles.

The Mitchell Transit Garage building rehabilitation project responds to the poor condition assessment and supports the Edmonton Transit System operational needs and growth as the bus fleet expands.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it ensures that Infrastructure continues to operate and is maintained so that it is accessible to all Edmontonians as intended.

**ALTERNATIVES CONSIDERED**

Excess, underutilized, and obsolete facilities constitute a drain on the FLI's budget in costs and in forgone opportunities to invest in the maintenance and repair of facilities and to reduce energy use, water use, and greenhouse gas emissions.

**COST BENEFITS**

Tangible Benefits: Improved Reliability, improved productivity, and fewer accidents and injuries.

Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As facilities deteriorate, their components and systems age and tend to fail. Failure of these systems poses various safety and environmental risks to all users.

# CAPITAL PROFILE REPORT

## RESOURCES

This project will be managed by BD&C of Facility and Landscape Infrastructure from design to construction.

## CONCLUSIONS AND RECOMMENDATIONS

Renewing City facilities is vital to ensure continual operation. Since project costs exceeds \$5M, a standalone profile is required. Therefore, \$6.8M from the Building Rehabilitation Composite Profile (CM-75-0100) is being transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Mitchell Transit Garage Building Rehabilitation****FUNDED**PROFILE NUMBER: **15-75-0108**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795
	Current Approved Budget	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	865	2,455	2,455	-	-	-	-	-	-	5,775
	Pay-As-You-Go	-	-	154	433	433	-	-	-	-	-	-	1,020
	Current Approved Funding Sources	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	865	2,455	2,455	-	-	-	-	-	-	5,775
	Pay-As-You-Go	-	-	154	433	433	-	-	-	-	-	-	1,020
	Requested Funding Source	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795
	Total	-	-	1,019	2,888	2,888	-	-	-	-	-	-	6,795

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	WESTWOOD SITE MES/CENTRAL STORES BUILDING REHABILITATION	<b>FUNDED</b>
PROFILE	15-75-0109	PROFILE STAGE: Approved
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Facility and Landscape Infrastructure	PROFILE MANAGER: Adam Laughlin
PROGRAM NAME:	Facility Maintenance	LEAD BRANCH MANAGER: Adam Laughlin
LEAD BRANCH:	Facility and Landscape Infrastructure	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Building Renewal	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	9,146
10	90	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	9,146

**PROFILE DESCRIPTION**

This profile addresses the building maintenance rehabilitation work at Westwood Site MES/Central Stores.

The scope of work will include upgrades to and replacement of:

- Superstructure and exterior enclosures
- Interior constructions
- Heating Ventilation and Air Conditioning (HVAC) system
- Plumbing system
- Electrical systems
- Site works

**PROFILE BACKGROUND**

The Westwood Site MES/Central Stores facility is a maintenance garage for Edmonton Transit buses with office spaces and storage yard that houses all City departments' materials and supplies inventories. The building is a steel framed structure constructed in 1982. The total structure is approximately 17,309 square metres in area.

Most of the building components and systems were installed when the building was constructed and has since deteriorated. Building condition assessment was conducted in 2010 and several deficiencies to the building structure, mechanical and electrical systems were identified. Major repairs and upgrades are necessary to prevent facility shutdown that can cause interruptions to the City's transit system operational needs.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities. The main objective is to transform the portfolio of City facilities into one that is more economically, physically and environmentally sustainable over their life cycles.

The Westwood Site MES/Central stores building rehabilitation project responds to the poor condition assessment and supports the Edmonton Transit System operational needs and growth as the bus fleet expands.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it ensures that Infrastructure continues to operate and is maintained so that it is accessible to all Edmontonians as intended.

**ALTERNATIVES CONSIDERED**

Excess, underutilized, and obsolete facilities constitute a drain on the FM's budget in costs and in forgone opportunities to invest in the maintenance and repair of facilities and to reduce energy use, water use, and greenhouse gas emissions.

**COST BENEFITS**

Tangible Benefits: Improved Reliability, improved productivity, and fewer accidents and injuries.  
Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As facilities deteriorate, their components and systems age and tend to fail. Failure of these systems poses various safety and environmental risks to all users.

# CAPITAL PROFILE REPORT

## RESOURCES

This project will be managed by BD&C of Facility and Landscape Infrastructure from design to construction.

## CONCLUSIONS AND RECOMMENDATIONS

Renewing City facilities is vital to ensure continual operation. Since project costs exceeds \$5M, a standalone profile is required. Therefore, \$9.1M from the Building Rehabilitation Composite Profile (CM-75-0100) is being transferred to this profile.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Westwood Site MES/Central Stores Building Rehabilitation****FUNDED**PROFILE NUMBER: **15-75-0109**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146
	Current Approved Budget	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,166	3,304	3,304	-	-	-	-	-	-	7,774
	Pay-As-You-Go	-	-	206	583	583	-	-	-	-	-	-	1,372
	Current Approved Funding Sources	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,166	3,304	3,304	-	-	-	-	-	-	7,774
	Pay-As-You-Go	-	-	206	583	583	-	-	-	-	-	-	1,372
	Requested Funding Source	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146
	Total	-	-	1,372	3,887	3,887	-	-	-	-	-	-	9,146

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	<b>FACILITY ENERGY RETROFITS AND GREENHOUSE GAS RED'N</b>	<b>FUNDED</b>
PROFILE	<b>15-75-3102</b>	<b>PROFILE STAGE: Approved</b>
DEPARTMENT:	<b>Community Services</b>	<b>PROFILE TYPE: Composite</b>
BRANCH:	<b>Facility and Landscape Infrastructure</b>	PROFILE MANAGER: <b>Adam Laughlin</b>
PROGRAM NAME:	<b>Facility Maintenance</b>	LEAD BRANCH MANAGER: <b>Adam Laughlin</b>
LEAD BRANCH:	<b>Facility and Landscape Infrastructure</b>	ESTIMATED START: <b>January, 2015</b>
BUDGET CYCLE:	<b>2015-2018 run for 2015</b>	ESTIMATED COMPLETION: <b>January, 2018</b>

<b>Service Category:</b>	<b>Building Renewal</b>	<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,427</b>
<b>10</b>	<b>90</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,427</b>

**PROFILE DESCRIPTION**

The objective is to reduce energy consumption and GHG emissions from City Operations by improving energy efficiency in existing buildings and facilities. Scope: Building and facility renewal is managed by Project Management and Maintenance Services and this profile provides additional funding to enhance opportunities to create energy efficient buildings and facilities.

**PROFILE BACKGROUND**

Problem/Opportunity/ Current Situation: City buildings and facilities account for a majority of the City total energy consumption and greenhouse gas (GHG) emissions. Buildings constructed more recently are to a higher efficiency standard (in particular from 2008 onward when the City's Sustainable Building Policy was implemented) with older buildings and facilities there is an opportunity for effective energy retrofits to reduce energy usage and improve the indoor environment for building occupants. Rehabilitating buildings and facilities to a higher energy efficiency standard both reduces operating costs and GHG emissions. These initiatives contributes to the CLT approved target to reduce City operations greenhouse gas emissions 50% by 2020 from 2008 levels.

**PROFILE JUSTIFICATION**

There are various ways to reduce GHG emissions within City Operations. Buildings energy efficiency improvement was recognized as one of the prime opportunities to reduce energy consumption and related GHG emissions reduction. The energy efficiency retrofit will reduce emissions attributable to City Operations. Success will be determined by the amount of the reduction in energy use by City Operations in three project areas by the end of the capital budget period. Energy records must be maintained to ensure accurate attribution.

**STRATEGIC ALIGNMENT**

This plan complies with The Way We Green strategic action 6.10.1 "The COE establishes, implements, and maintains a City Operations Greenhouse Gas Management Plan aimed at significantly reducing greenhouse gas emissions from City Operations."

**ALTERNATIVES CONSIDERED**

A number of greenhouse gas emissions reduction opportunities were identified when developing the City Operations Greenhouse Gas Management Plan. This initiative was identified as a priority opportunity to support the reduction targets identified in the Plan. Utilizing the building and facility renewal program to implement energy retrofits provides an opportunity to realize significant energy efficiency upgrades in existing facilities.

**COST BENEFITS**

Building and Facility energy retrofits provide neutral or positive return on investment over the life of the asset. Tangible benefits include greenhouse gas emissions reductions at low cost, reduction in energy costs, potential reduction in maintenance costs. Intangible benefits include improved image and reputation for the City, greener and healthier environment for staff and patrons and asset renewal.

**KEY RISKS & MITIGATING STRATEGY**

The key risk for this initiative is that the investment identified in this profile does not achieve the energy and greenhouse gas emissions reduction. Appropriate management of projects associated with this initiative will mitigate this risk.

**RESOURCES**

All projects will be managed by the Project Management and Maintenance Services Branch with the support of Urban Planning and Environment Branch. Where outside resources are required, competitive bid processes will be used for goods and services.

**CONCLUSIONS AND RECOMMENDATIONS**

The initiative identified in the profile support Council's The Way Ahead, the Council approved The Way We Green and the Corporate Leadership Team approved City Operations Greenhouse Gas Management Plan and should be recommended for funding.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Facility Energy Retrofits and Greenhouse Gas Red'n****FUNDED**PROFILE NUMBER: **15-75-3102**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427
	Current Approved Budget	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427
	Approved Funding Sources												
	Pay-As-You-Go	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427
	Current Approved Funding Sources	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427
	Requested Funding Source												
	Pay-As-You-Go	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427
	Requested Funding Source	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	260	796	1,539	1,257	-	-	-	-	-	-	3,852
	Design	-	182	505	1,156	944	-	-	-	-	-	-	2,788
	Other Costs	-	182	505	1,156	944	-	-	-	-	-	-	2,788
	Total	-	624	1,806	3,851	3,146	-	-	-	-	-	-	9,427

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGH VOLTAGE SYSTEM UPGRADES IN PARKS**  
 PROFILE: **15-75-5005**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME:  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Adam Laughlin
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2019
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Service Category:	Parks
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Major Initiative:
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	6,544
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,544
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**PROFILE DESCRIPTION**

Upgrade electrical distribution system (transformer replacements) in parks to match system upgrades planned by EPCOR

**PROFILE BACKGROUND**

As with most electrical system distribution companies in Alberta, EPCOR is upgrading the distribution systems within the City of Edmonton. When the distribution systems are upgraded the related City of Edmonton infrastructure needs to be upgraded.

**PROFILE JUSTIFICATION**

As with most electrical system distribution companies in Alberta and across North America, utilities companies are upgrading the distribution systems to operate at higher voltages. EPCOR is doing the same within the city of Edmonton. This change will require transformers in parks to be upgraded from 4,600 volts to work at the higher voltages (14,400 volts). The transition to higher distribution voltages allows for more efficiency in the electrical distribution system.

Failure to upgrade the system will mean that lighting and electrical outlets for events will not be available for the citizens to use.

**STRATEGIC ALIGNMENT**

The goals and objectives are to improve energy efficiency and to provide safe, healthy productive built environments.

**ALTERNATIVES CONSIDERED**

The option will be a reactive replacement of transformers as needed. This is not a desirable option as this has a potential to impact service to the park and open spaces.

**COST BENEFITS**

Tangible Benefits:

Improved Reliability: A proactive upgrade program will ensure that our facilities are reliable and can perform without substantial interruptions, so that agencies can operate continuously on a routine basis.

**KEY RISKS & MITIGATING STRATEGY**

An unreliable power supply can have a negative impact on a park or open space's use and function. This could result in a reduction in use and a reactive approach to repairing the power supply leading to increased costs.

**RESOURCES**

All projects will be managed by the Project Management and Maintenance Services Branch. Where outside resources are required, competitive bid processes will be used to obtain goods and services.

**CONCLUSIONS AND RECOMMENDATIONS**

As a result of EPCOR upgrading their high-voltage distribution system the City needs to update associated transformers in park and open spaces to ensure there are minimal service disruptions.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **High Voltage System Upgrades in Parks****FUNDED**PROFILE NUMBER: **15-75-5005**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Current Approved Budget	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Approved Funding Sources												
	Pay-As-You-Go	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Current Approved Funding Sources	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Requested Funding Source												
	Pay-As-You-Go	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Requested Funding Source	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544
	Total	-	576	1,615	2,056	2,297	-	-	-	-	-	-	6,544

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **QUEEN ELIZABETH PLANETARIUM RENEWAL**  
 PROFILE: **15-75-5071**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME:  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Laughlin**  
 LEAD BRANCH MANAGER: **Adam Laughlin**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2018**

<b>Service Category: Parks</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,927</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,927</b>

**PROFILE DESCRIPTION**

The Planetarium renewal includes removal & abatement of hazardous building material, restoration of the walls, windows & interior finishes, upgrades to the mechanical system & electrical system, expansion of the washrooms, increased accessibility into and within the facility, and roof repairs as required.

**PROFILE BACKGROUND**

The Planetarium is a landmark of city-wide importance given its long-standing community role, unique high quality design and historical associations. As the first planetarium in Canada, the building also has national historical significance.

**PROFILE JUSTIFICATION**

The facility has been closed for several years due to its poor condition. The renewal of the first planetarium in Canada as a historical & architectural landmark supports the Way's plans & outcomes; aligns with Infrastructure Strategy; increases program opportunities; keeps mature neighbourhoods lively & vibrant.

**STRATEGIC ALIGNMENT**

Aligns to the corporate outcomes "The City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" as it ensures the facility continues to operate for all to enjoy.

**ALTERNATIVES CONSIDERED**

Three options were explored through the 2008 Condition Review and Development Options Report. The options included: 1) renewal of existing space and improved accessibility, 2) renewal and small expansion, and 3) renewal and larger expansion.

**COST BENEFITS**

Tangible Benefits include: improved services and programs; improved amenities in a unique park facility; increased use by citizens, organized groups and others; improved safety; well-maintained parks and facilities welcome more vested visitors, offer a sense of safety and reduce vandalism. Intangible Benefits include: improved quality of life; opportunity for exploration, learning, recreation and cultural activities for all ages and abilities.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

The City seeks to purchase goods, services and construction fairly, based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

The Planetarium is renewed as a historical architectural municipal resource. Administration is recommending approval of this profile by transferring \$14.9M from the Building Rehabilitation Composite Profile (CM-75-0100) to this standalone profile.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Queen Elizabeth Planetarium Renewal****FUNDED**PROFILE NUMBER: **15-75-5071**PROFILE TYPE: **Standalone**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Current Approved Budget	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Approved Funding Sources												
	Pay-As-You-Go	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Current Approved Funding Sources	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Requested Funding Source												
	Pay-As-You-Go	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Requested Funding Source	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Design	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927
	Total	-	102	1,290	4,915	620	-	-	-	-	-	-	6,927

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMMUNITY SERVICES FLEET OPTIMIZATION**  
 PROFILE: **CM-21-4056**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME:  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Laughlin**  
 LEAD BRANCH MANAGER: **Adam Laughlin**  
 ESTIMATED START: **November, 2015**  
 ESTIMATED COMPLETION: **December, 2016**

**Service Category: Corporate Support****Major Initiative:**

<b>GROWTH</b>
<b>68</b>

<b>RENEWAL</b>
<b>32</b>

<b>PREVIOUSLY APPROVED:</b>	<b>3,200</b>
<b>BUDGET REQUEST:</b>	<b>-</b>
<b>TOTAL PROFILE BUDGET:</b>	<b>3,200</b>

**PROFILE DESCRIPTION**

The Fleet Optimization Composite will provide funds for the acquisition of vehicles and associated vehicular equipment to improve service delivery, safety and functional requirements for Neighbourhoods, Community and Recreation Facilities, Facility and Landscape Infrastructure and Community Standards.

**PROFILE BACKGROUND**

Community Services has various general & specialized fleet requirements. This fleet enables the Branches to perform required functions and deliver services to citizens. To improve efficiency/effectiveness within work units, equipment is being leased and / or retained past its recommended life cycle. This approach poses challenges: Expenses for leasing/maintaining/repairing old equipment are directly charged to operational budgets. As charges associated with old equipment can be large & numerous, funds are redirected from other operational needs to cover these expenditures. Utilizing old equipment increases the potential for safety incidents to occur due to major malfunction or breakdown. Older equipment tends to have higher carbon emissions, creating a negative environmental impact. If the current situation is maintained, service delivery will become increasingly inefficient as repair costs continue to escalate until equipment is unserviceable & removed from use.

**PROFILE JUSTIFICATION**

A lack of capital funding to support Community Services fleet requirements from 2012-2014 has resulted in a significant increase in the quantity of equipment being leased and / or retained past its life cycle in an effort to meet increasing service delivery requirements or improve operational efficiency. Additionally, funds have not been available to enable fleet growth to accommodate service delivery across the continually developing City. The Branches have identified and prioritized a significant need for equipment replacement/growth. The requested funds in this profile will enable the process of fleet renewal to begin.

**STRATEGIC ALIGNMENT**

Aligns to the corporate outcomes "The City of Edmonton has sustainable and accessible infrastructure" and "The City of Edmonton's operations are environmentally sustainable" as it replaces vehicles & equipment and decreases the environmental impact.

**ALTERNATIVES CONSIDERED**

Continuation of the current process could occur, however fleet being maintained by direct cost to sustain desired service levels cannot be renewed, new fleet cannot be added to priority work areas, and there is an increased safety risk.

**COST BENEFITS**

This Composite requires \$10 million over four years. **TANGIBLE BENEFITS:**

1. Community Services fleet is current and managed in a planned manner
2. Fleet related safety incidents decrease
3. Operational efficiency is realized (budget & service delivery)

**INTANGIBLE BENEFITS:**

1. Environmental benefits are realized from maintaining modern fleet
2. Employees are engaged in their work having reliable equipment to support their needs

**KEY RISKS & MITIGATING STRATEGY**

The challenges with this composite will be determining branch priorities from a significant level of need and acquiring specialized equipment within each budget year.

A partially funded profile will increase operating maintenance expenses. As well, increased retention of units past their life cycle will lead to more incidents of equipment failure. With the lack of equipment resources to meet requirements, there will be service delivery reductions.

**RESOURCES**

The coordination of Composite funds will be by City employees and will align with A1439B Purchasing Goods, Services and Construction and Project Management guidelines. All acquisitions will also follow Fleet Services' vehicle procurement procedures.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Due to the high level of need for Fleet renewal in Community Services, it is recommended that CMS Fleet Optimization Composite be approved in the Fall 2015 SCBA with available funding and that the unfunded requirements be considered in a future SCBA.



## CAPITAL PROFILE REPORT

Profile Page 3

PROFILE NAME: **Community Services Fleet Optimization****FUNDED**PROFILE NUMBER: **CM-21-4056**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	200	3,000	-	-	-	-	-	-	-	-	3,200
	Current Approved Budget	-	200	3,000	-	-	-	-	-	-	-	-	3,200
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	2,600	-	-	-	-	-	-	-	-	2,600
	Pay-As-You-Go	-	200	400	-	-	-	-	-	-	-	-	600
	Current Approved Funding Sources	-	200	3,000	-	-	-	-	-	-	-	-	3,200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	200	3,000	-	-	-	-	-	-	-	-	3,200
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	2,600	-	-	-	-	-	-	-	-	2,600
	Pay-As-You-Go	-	200	400	-	-	-	-	-	-	-	-	600
	Requested Funding Source	-	200	3,000	-	-	-	-	-	-	-	-	3,200

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Fleet Equipment	-	200	3,000	-	-	-	-	-	-	-	-	3,200
	Total	-	200	3,000	-	-	-	-	-	-	-	-	3,200

## OPERATING IMPACT OF CAPITAL

Type of Impact: Interdepartmental

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community & Recreation Facilities	-	183	183	-	-	135	135	-	-	45	45	-	-	90	90	-
Community Standards	-	-	-	-	-	35	35	-	-	25	25	-	-	25	25	-
Facility and Landscape Infrastructure	-	107	107	-	-	325	325	-	-	85	85	-	-	85	85	-
Neighbourhoods	-	336	336	-	-	330	330	-	-	330	330	-	-	330	330	-
<b>Total Operating Impact</b>	-	<b>627</b>	<b>627</b>	-	-	<b>825</b>	<b>825</b>	-	-	<b>485</b>	<b>485</b>	-	-	<b>530</b>	<b>530</b>	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUILDING AND FACILITY REHABILITATION**  
 PROFILE: **CM-75-0100**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Adam Laughlin
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Building Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>101,872</b>
<b>10</b>	<b>90</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>101,872</b>

**PROFILE DESCRIPTION**

To keep City owned buildings and facilities in safe and usable condition and to ensure a high level of service is provided to Citizens. Where applicable, opportunities to improve the energy efficiency of affected buildings will be incorporated into rehabilitation projects.

This profile provides funding for the rehabilitation works associated with the various building categories within the city including but not limited to Fire stations, Recreation Facilities, and Civic Operations. The scope of work will include upgrades to and replacement of major components within the mechanical, electrical and structural systems of each facility. City buildings have condition assessment reports prepared every 5 years. The buildings are then ranked based on criteria developed jointly by Facility Maintenance Services and the University of Alberta using a sophisticated software developed by the University of Alberta.

**PROFILE BACKGROUND**

Currently, 65% of the City's facilities are 30 years and older. Using a proactive reinvestment strategy ensures that all City buildings conform to the City's strategic alignment for the way we live, grow and prosper.

Over time the performance of facilities declines due to aging, wear and tear of systems and components, functional changes, and a variety of other factors. The life of facilities can be optimized through adequate and timely maintenance and repair. Conversely, delaying or deferring maintenance and repairs can, in the short term, diminish the quality of services and, in the long term, lead to shortened facility life and reduced asset value. The existence of deferred maintenance is significant because it can compound rehabilitation requirements resulting in urgent unanticipated rehabilitation leading to lower quality and reliability of services provided by the facilities.

**PROFILE JUSTIFICATION**

As buildings and facilities age, there is a need to rehabilitate or replace various components to maximize the life of the facility, to provide a safe environment for staff and the general public and to meet the current service needs of citizens.

Since most facilities will still be in use for the next 20 to 30 years, the primary methods for meeting those goals will be through efficient operations, maintenance, repair and retrofitting of existing facilities, and the consolidation of the existing facilities footprint. The main objective is to transform the portfolio of City facilities into one that is more economically, physically, and environmentally sustainable over their life cycles.

**STRATEGIC ALIGNMENT**

The goals and objectives are to improve energy efficiency and water conservation; to provide safe, healthy, and productive built environments; and to promote sustainable environmental stewardship.

**ALTERNATIVES CONSIDERED**

The alternate to a deliberate rehabilitation program is to carry out replacements of components as they fail using operating funds. This is considered to be the highest cost alternative to facility maintenance by industry.

**COST BENEFITS**

Tangible Benefits: Improved reliability, enhanced energy efficiency, and improved productivity.  
 Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As facilities deteriorate, their components and systems age and will fail. Failure of these systems poses various risks on the users of the facility and the lack of rehabilitation activities can lead to the closure of the facility.

**RESOURCES**

All rehabilitation projects will be managed by the Project Management and Maintenance Services Branch. Where outside resources are required, competitive bid processes will be used to obtain goods and services.

# CAPITAL PROFILE REPORT

Profile Page 2

## CONCLUSIONS AND RECOMMENDATIONS

Investment in life cycle rehabilitation is a cost-effective method of maximizing the life of buildings and facilities to ensure a high level of service is provided to Citizens.

## CHANGES TO APPROVED PROFILE

On August 25, 2015 City Council approved the transfer of \$1.5 million from the Building and Facility Rehabilitation #CM-75-0100 to the Whitemud Equine Centre #12-21-5742, to combine the arena replacement and rehabilitation work.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Building and Facility Rehabilitation**

PROFILE NUMBER: **CM-75-0100**

BRANCH: **Facility and Landscape Infrastructure**

**FUNDED**

PROFILE TYPE: **Composite**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	10,865	43,081	49,101	50,099	-	-	-	-	-	-	153,146
	2015 Cap Council	-	-1,003	-10,691	-18,509	-19,571	-	-	-	-	-	-	-49,774
	2015 Cap Capital Budget Adj (one-off)	-	-	-526	-466	-508	-	-	-	-	-	-	-1,500
	Current Approved Budget	-	9,862	31,864	30,126	30,020	-	-	-	-	-	-	101,872
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,187	21,645	23,868	18,666	-	-	-	-	-	-	65,366
	Pay-As-You-Go	-	8,675	10,219	6,258	11,354	-	-	-	-	-	-	36,506
	Current Approved Funding Sources	-	9,862	31,864	30,126	30,020	-	-	-	-	-	-	101,872

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	9,862	31,864	30,126	30,020	-	-	-	-	-	-	101,872
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,187	21,645	23,868	18,666	-	-	-	-	-	-	65,366
	Pay-As-You-Go	-	8,675	10,219	6,258	11,354	-	-	-	-	-	-	36,506
	Requested Funding Source	-	9,862	31,864	30,126	30,020	-	-	-	-	-	-	101,872

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	9,964	32,829	35,318	32,212	-	-	-	-	-	-	110,323
	Design	-	-102	-965	-5,192	-2,192	-	-	-	-	-	-	-8,451
	Total	-	9,862	31,864	30,126	30,020	-	-	-	-	-	-	101,872

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ROOF REHABILITATION AND REPLACEMENT**  
 PROFILE: **CM-75-0103**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Laughlin**  
 LEAD BRANCH MANAGER: **Adam Laughlin**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>71,513</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>71,513</b>

**PROFILE DESCRIPTION**

Replacement of roofs on City owned buildings and facilities when they approach the end of their service life (20+years) is required to ensure that current services can be provided to Citizens. This also provides workers with a safe environment as roofs must be equipped with fall arrest equipment, restraint mechanisms and guardrails. The scope of work will include upgrades to and replacement of major roof components.

Ideally a roof could fail due to age and exposure to natural factors however, poor design, lack of maintenance, material failure, improper construction, and severe weather can contribute to premature roof failure. Consequently, most roofs do not fail on a normal and predictable age-related deterioration curve. It should be expected that 4 to 5 % of the roof inventory should be replaced annually

**PROFILE BACKGROUND**

The City owns and maintains approx. 900 buildings and facilities which amount to over 10 million sq ft. of roof. A sound reinvestment strategy and proactive action plan is required to reduce the risk of failure and extend roof service life. Given that the life expectancy of a roof is 20 to 25 years, it is reasonable to expect that 4% to 5% of the City's roofs are replaced every year.

Inevitably, over time the performance of facilities along with their roofs decline due to aging, wear and tear, adverse environmental conditions, and a variety of other factors. The service life of roofs can be optimized through adequate and timely maintenance and repair. Deferring roof maintenance and repairs can, in the short term, diminish the quality of the roof, and in the long term it will impact some components of the facility and diminish the building service life.

**PROFILE JUSTIFICATION**

Roofs are not merely the skin on the top of a building. Today, the roof is an integrated component of a complex building envelope system that includes the foundation, walls, windows, and structural components. These components combine to provide an energy efficient, waterproof envelope. With energy efficiency a crucial goal in facility operations, the roof is expected to perform functions beyond merely providing a waterproof surface on the top of the building. Facility managers practice roof life-cycle management to obtain the lowest life –cycle cost of facilities.

**STRATEGIC ALIGNMENT**

The goals and objectives are to improve energy efficiency and conservation; to provide safe, healthy; productive built environments; and to promote sustainable environmental stewardship.

**ALTERNATIVES CONSIDERED**

Roofs have a finite life and they can be rehabilitated and/or replaced prior to failure or they can be left to deteriorate and fail. The latter is not a desirable option, as when they fail there is additional damage due to leaking and higher energy requirements which increases the overall operating cost to the City. To provide required service levels in City facilities therefore, the only option is to provide rehabilitation of City's roofs prior to failure.

**COST BENEFITS**

Tangible Benefits: Improved reliability, improved productivity, and fewer roof leaks and roof failures  
 Intangible Benefits: Customer satisfaction and improved public image.

**KEY RISKS & MITIGATING STRATEGY**

As roofs deteriorate they become a risk to the whole facility. The diminished integrity of roofs poses risks on different components of a facility, affecting its energy use, ceiling damage, structural integrity and impacts on other building systems.

**RESOURCES**

All roof rehabilitation projects will be managed by the Project Management and Maintenance Services Branch. Where outside resources are required, competitive bid processes will be used to obtain goods and services.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Roofing systems are an integral component to efficient facility operations. A well-coordinated program that focuses on system-wide improvement of the City's roofing inventory will provide a opportunity to save in repair, replacement and energy costs.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Roof Rehabilitation and Replacement****FUNDED**PROFILE NUMBER: **CM-75-0103**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	10,300	20,066	20,509	20,963	-	-	-	-	-	-	71,838
	2015 Cap Council	-	-	-325	-	-	-	-	-	-	-	-	-325
	Current Approved Budget	-	10,300	19,741	20,509	20,963	-	-	-	-	-	-	71,513
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	8,000	17,333	17,333	17,334	-	-	-	-	-	-	60,000
	Pay-As-You-Go	-	2,300	2,408	3,176	3,630	-	-	-	-	-	-	11,513
	Current Approved Funding Sources	-	10,300	19,741	20,509	20,963	-	-	-	-	-	-	71,513

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	10,300	19,741	20,509	20,963	-	-	-	-	-	-	71,513
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	8,000	17,333	17,333	17,334	-	-	-	-	-	-	60,000
	Pay-As-You-Go	-	2,300	2,408	3,176	3,630	-	-	-	-	-	-	11,513
	Requested Funding Source	-	10,300	19,741	20,509	20,963	-	-	-	-	-	-	71,513

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	8,000	17,333	17,333	17,334	-	-	-	-	-	-	60,000
	Design	-	-	-325	-	-	-	-	-	-	-	-	-325
	Other Costs	-	2,300	2,733	3,176	3,630	-	-	-	-	-	-	11,838
	Total	-	10,300	19,741	20,509	20,963	-	-	-	-	-	-	71,513

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PEDESTRIAN BRIDGE REHABILITATION**  
 PROFILE: **CM-75-0104**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Facility and Landscape Infrastructure**  
 PROGRAM NAME: **Facility Maintenance**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Adam Laughlin
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	10,913
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,913
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**PROFILE DESCRIPTION**

Edmonton prides itself with its unique river valley trail system, which is heavily used by cyclists, joggers and nature lovers. The pedestrian bridges are part of the unique network of Edmonton's river valley, walking, and cycling trail system.

This profile provides funding for the rehabilitation work associated with the various footbridges within the City. The scope of work will include rehabilitation and replacement of major components of each bridge. The bridges include the Rainbow Valley Access Bridge, and other pedestrian bridges within the river valley.

**PROFILE BACKGROUND**

The pedestrian bridges and other non-road right-of-way bridges are an integral component of the City of Edmonton's unique network of river valley, walking and cycling trail system. Currently, there are over 80 bridge structures of varying size and type. From a historical perspective, the original trestle bridges for the Edmonton, Yukon and Pacific Railways were constructed between 1900 and 1902. The railway replaced the original structures with the current structures in 1943 and ceased its operations in 1954. The bridges were transferred to the City of Edmonton in the 1970's and were converted for pedestrian use. Other major bridges in the inventory were once the responsibility of the Transportation Department, but they subsequently were converted to pedestrian usage and became part of the river valley system. There is a need for a proactive reinvestment strategy to ensure that all pedestrian bridges are rehabilitated to maximize the life of the facilities.

**PROFILE JUSTIFICATION**

As bridges age, there is a need to rehabilitate or replace various components to maximize the life of the bridges, to provide a safe environment for the general public and to meet the current service needs of citizens.

The complete footbridge inventory consists of different types and sizes structures, including the major footbridges crossing the North Saskatchewan River, trestle bridges across Millcreek, and the 3 span concrete Rainbow Valley access bridge. Some of the bridge structures are over 60 years old and components such as foundation piles, bridge decks, central stringers, etc. have severely deteriorated.

**STRATEGIC ALIGNMENT**

This reinvestment strategy is integral to the City's strategic plan, Improve Edmonton's Livability—the Way We Live, Preserve and Sustain Edmonton's Environment – the Way We Green, and Ensure Edmonton's Financial Sustainability – the Way We Green.

**ALTERNATIVES CONSIDERED**

To manage and mitigate the risks posed by the ownership of older pedestrian bridges, an alternative is to pursue a proactive strategy to minimize the total bridge "footprint" and dispose of excess and underutilized bridges. This approach could reduce pedestrian access to Edmonton's River Valley

**COST BENEFITS**

A proactive renewal program will ensure that pedestrian bridges are reliable and can perform without substantial interruptions, so that citizens can use them without concern for their safety.

**KEY RISKS & MITIGATING STRATEGY**

As bridges deteriorate, their components and systems age and will fail. Failure of these systems poses various risks on the users of the bridges.

**RESOURCES**

All projects will be managed by of the Project Management and Maintenance Services Branch with support of Transportation Services. Where outside resources are required, competitive bid processes will be used to obtain goods and services.

**CONCLUSIONS AND RECOMMENDATIONS**

The rehabilitation of pedestrian bridges is very important as they are key elements in providing access to the river valley. Ensuring bridges are in good condition improves Edmonton's livability and ensures its citizen's satisfaction and safety.



# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Pedestrian Bridge Rehabilitation****FUNDED**PROFILE NUMBER: **CM-75-0104**PROFILE TYPE: **Composite**BRANCH: **Facility and Landscape Infrastructure**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	4,247	2,483	2,545	-	-	-	-	-	-	9,275
	Pay-As-You-Go	-	1,576	61	1	1	-	-	-	-	-	-	1,638
	Current Approved Funding Sources	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	4,247	2,483	2,545	-	-	-	-	-	-	9,275
	Pay-As-You-Go	-	1,576	61	1	1	-	-	-	-	-	-	1,638
	Requested Funding Source	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913
	Total	-	1,576	4,308	2,484	2,546	-	-	-	-	-	-	10,913

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HERITAGE VALLEY FIRE STATION CONSTRUCT**  
 PROFILE: **08-70-0023**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Block K.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2008**ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,753</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,753</b>

**PROFILE DESCRIPTION**

A new three bay fire station is required to provide effective response to fire emergencies for the rapidly developing neighborhoods in Heritage Valley, west of Gateway Boulevard and south of Ellerslie Road. Agreement for land purchase was reached at the end of 2010 and final transfer occurred in early 2011. Design of this station is already in progress and the station is now planned to open in late 2012/early 2013.

#30: The Heritage Valley Fire Station was recosted in early 2009 with revised corporate inflation factors, however due to the delay in land acquisition, inflation factors now need to be applied to the project. Funding for this request will come from MSI funds identified in the 2012 spring SBA. Design development of the Fire Station has been initiated (March 2012).

#66 2013 SBA. Transfer to cover site development and municipal improvement costs.

**PROFILE JUSTIFICATION**

The Heritage Valley neighborhoods have developed quickly and will reach a population threshold where improved fire service is needed to ensure that target response times can be met.

The Fire Rescue Master Plan was approved by City Council in 2006 and outlined principles for future station location. The Fire Rescue Station Location Master Plan identified nine Fire Stations to be constructed to meet the growing demands on Fire Rescue. Fire Rescue response times have continued to deteriorate since 2002 and new stations are required in the growth areas of the city to ensure Fire Rescue is able to move towards the response time Service Level Targets identified in the Fire Rescue Master Plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Heritage Valley Fire Station Construct****FUNDED**PROFILE NUMBER: **08-70-0023**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	11,783	-	-	-	-	-	-	-	-	-	-	11,783
	2008 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2009 CBS Budget Adjustment	-805	-	-	-	-	-	-	-	-	-	-	-805
	2010 CBS Budget Adjustment	-436	-	-	-	-	-	-	-	-	-	-	-436
	2011 CBS Budget Adjustment	-979	-	-	-	-	-	-	-	-	-	-	-979
	2012 CBS Budget Adjustment	-2,773	-	-	-	-	-	-	-	-	-	-	-2,773
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,963	-	-	-	-	-	-	-	-	-	-	3,963
	2014 Cap Carry Forward	-1,186	1,186	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	9,398	1,040	-	-	-	-	-	-	-	-	-	10,438
	Pay-As-You-Go	169	146	-	-	-	-	-	-	-	-	-	315
	Current Approved Funding Sources	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	9,398	1,040	-	-	-	-	-	-	-	-	-	10,438
	Pay-As-You-Go	169	146	-	-	-	-	-	-	-	-	-	315
	Requested Funding Source	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753
	Total	9,567	1,186	-	-	-	-	-	-	-	-	-	10,753

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DISPATCH SYSTEM RADIO REPLACEMENT**  
 PROFILE: **08-70-9000**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Technical Services**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ken Block
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LEAD BRANCH MANAGER:	Ken Block
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ESTIMATED START:	January, 2010
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	6,326
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,326
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**PROFILE DESCRIPTION**

This profile will fund the replacement of all FRS radio equipment to the appropriate technology standard. The City of Edmonton has reached agreement with the province to migrate all City radio users to the provincial Alberta First Responders Radio Communication System (AFRRCS).

FRS has identified all radio equipment replacement needs (mobile, portable and base radios) to move to the new system. This profile will also fund the equipment for the back-up dispatch room being designed as part of the Lewis Farms fire station (this will replace inferior technology currently used for emergency back up).

EPS, as stewards of the current radio system, will request budget for common radio infrastructure, each user department will request funding for their end user equipment as this will vary greatly depending on the specific needs of the user groups.

**PROFILE BACKGROUND**

The City EDACS radio system is nearing the end of life and will need to be replaced by 2018.

FRS relies on the radio system when dispatching FRS personnel to emergency events and for all fire ground communications. Effective radio communications is vital to not only the safety of responding crews but also directly impacts public safety.

Work to replace radio equipment was initiated in 2012-2014 but has been delayed due to uncertainty over the provincial AFRRCS radio system for first responders. A corporate decision to move to AFRRCS was made in June 2014 and as a result all current city radio users will need to replace their aging radio infrastructure by 2018.

FRS currently has \$4.8m of approved funding. Based on current equipment inventory and estimated equipment prices an additional \$1.6m of funding will be required to ensure all equipment can be replaced.

**PROFILE JUSTIFICATION**

The City of Edmonton radio system is at the end of its life cycle and will need to be replaced before the end of the 2015-2018 budget cycle. FRS relies on the radio system for dispatching units to emergency events, communicating with responding crews and for all on scene fire ground communications. An effective, reliable radio system is integral to providing emergency response services to the public, is required for communication with responding partner agencies and is vital to ensure the safety of responding fire personnel.

FRS needs to plan and replace all radio equipment in conjunction with the move to the new AFRRCS radio system. It may be possible to purchase equipment that can work on both the existing and future system which will streamline migration implementation.

**STRATEGIC ALIGNMENT**

Fire Rescue Services, through its Master Plan and its mission to protect life, property and the environment, plays an integral role in The Way We Live by ensuring Edmonton is a safe city and that Edmonton is an environmentally sustainable city.

**ALTERNATIVES CONSIDERED**

FRS (and other City radio users) need to replace aging radio infrastructure before the end of 2018. Failure to do so will significantly jeopardize public and responder safety as there is no viable alternative for emergency communications.

**COST BENEFITS**

Replacement of obsolete radio equipment will allow FRS to maintain effective communications while responding to emergency events, this will maintain public and staff safety.

**KEY RISKS & MITIGATING STRATEGY**

Without funding to replace radios, FRS faces the real possibility of losing all ability to communicate on emergency events if the EDACS system can not be maintained. This would have a severe impact on public and firefighter safety.

**RESOURCES**

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies (A1439 and A1104A).

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

FRS will need to replace all existing radio equipment with new equipment in time to migrate to the new provincial AFRRCS radio system.

Additional funding of \$1.6m is required to complete equipment purchases and implementation.

## CHANGES TO APPROVED PROFILE

Replacement of obsolete radio equipment will allow FRS to maintain effective communications while responding to emergency events, this will maintain public and staff safety.

Fire Rescue estimates funding of approximately \$6.3m is required to replace all exiting radio communications equipment of which only \$4.8m is currently funded. A change request for an additional \$1.6m has been submitted.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Dispatch System Radio Replacement****FUNDED**PROFILE NUMBER: **08-70-9000**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,802	-	-	-	-	-	-	-	-	-	-	9,802
	2010 CBS Budget Adjustment	-500	-	-	-	-	-	-	-	-	-	-	-500
	2011 CBS Budget Adjustment	-4,539	-	-	-	-	-	-	-	-	-	-	-4,539
	2012 CBS Budget Adjustment	-916	-	-	-	-	-	-	-	-	-	-	-916
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	929	-	-	-	-	-	-	-	-	-	-	929
	2014 Cap Budget Request for Next Cycle	-	-	-	1,550	-	-	-	-	-	-	-	1,550
	2014 Cap Carry Forward	-4,074	4,074	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326
	Approved Funding Sources												
	Pay-As-You-Go	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326
	Current Approved Funding Sources	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326
	Requested Funding Source												
	Pay-As-You-Go	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326
	Requested Funding Source	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	-	-	1,550	-	-	-	-	-	-	-	1,550
	Other Costs	702	4,074	-	-	-	-	-	-	-	-	-	4,776
	Total	702	4,074	-	1,550	-	-	-	-	-	-	-	6,326

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fire Rescue Services	-	107	107	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>107</b>	<b>107</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FIRE STATIONS MASTER PLAN PHASE I**  
 PROFILE: **09-70-0022**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Block K.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2009**ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>24,993</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>24,993</b>

**PROFILE DESCRIPTION**

The three year approval (2009-2011) for this composite project funds the purchase of land, the design and the construction of a new Fire Station in the Ellerslie neighbourhood and will purchase the associated apparatus.

The approval will also fund the purchase of land, design, construction and apparatus for a second station in accordance with the Fire Rescue Services Station Location Master Plan.

As of February 2010 this second station has been identified as the Lewis Estates Station. This station will require both a pump and a ladder to be staffed at the station. In addition, construction of this station will necessitate the creation of a fifth service district in the city with five additional District Chief positions

These Fire Stations will provide effective response in areas of the city that have experienced rapid development and growth. Fire Rescue utilizes a station based deployment model and as such these stations are required to ensure that Fire Rescue is able to move towards the Council endorsed Service Level Target of a 4 minute travel time, 90% of the time.

Funding in profile 09-70-0022 was initially thought to be sufficient to construct up to three Fire Stations, however, cost escalations have reduced this to two stations.

#39: Land purchase, without approval to construct a station it is not eligible for MSI grant funding. Source of funds is being adjusted within the project to allow a suitable source of funds to be available to pay for land for the future Palisades fire station in 2012.

#66 2013 SBA Transfer to Heritage Valley FS to cover unanticipated site and municipal costs.

**PROFILE JUSTIFICATION**

The Fire Rescue Master Plan was endorsed by City Council in 2006 and outlined principles for future station location. The Fire Rescue Station Location Master Plan identified nine Fire Stations to be constructed to meet the growing demands on Fire Rescue. Fire Rescue response times have continued to deteriorate since 2002 and new stations are required in the growth areas of the city to ensure Fire Rescue is able to move towards the response time Service Level Targets identified in the Fire Rescue Master Plan.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fire Stations Master Plan Phase I****FUNDED**PROFILE NUMBER: **09-70-0022**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	36,536	-	-	-	-	-	-	-	-	-	-	36,536
	2009 CBS Budget Adjustment	-3,847	-	-	-	-	-	-	-	-	-	-	-3,847
	2010 CBS Budget Adjustment	-3,579	-	-	-	-	-	-	-	-	-	-	-3,579
	2011 CBS Budget Adjustment	-5,708	-	-	-	-	-	-	-	-	-	-	-5,708
	2012 CBS Budget Adjustment	558	-	-	-	-	-	-	-	-	-	-	558
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,033	-	-	-	-	-	-	-	-	-	-	1,033
	2014 Cap Carry Forward	-7,632	7,632	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993
	Approved Funding Sources												
	AMIP	5,454	-	-	-	-	-	-	-	-	-	-	5,454
	Financial Stabilization Resrv.	586	1,283	-	-	-	-	-	-	-	-	-	1,869
	Munc Sustain. Initiative - MSI	11,274	6,341	-	-	-	-	-	-	-	-	-	17,615
	Operating Surplus (FSR)	-269	-	-	-	-	-	-	-	-	-	-	-269
	Pay-As-You-Go	315	9	-	-	-	-	-	-	-	-	-	324
	Current Approved Funding Sources	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993
	Requested Funding Source												
	AMIP	5,454	-	-	-	-	-	-	-	-	-	-	5,454
	Financial Stabilization Resrv.	586	1,283	-	-	-	-	-	-	-	-	-	1,869
	Munc Sustain. Initiative - MSI	11,274	6,341	-	-	-	-	-	-	-	-	-	17,615
	Operating Surplus (FSR)	-269	-	-	-	-	-	-	-	-	-	-	-269
	Pay-As-You-Go	315	9	-	-	-	-	-	-	-	-	-	324
	Requested Funding Source	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993
	Total	17,361	7,632	-	-	-	-	-	-	-	-	-	24,993

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	5,245	5,245	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	5,245	5,245	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PILOT SOUND FIRE STATION**  
 PROFILE: **12-70-0020**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Block K.**

LEAD BRANCH MANAGER: **Ken Block**

ESTIMATED START: **January, 2012**

ESTIMATED COMPLETION: **December, 2016**

Service Category: **Protection**

Major Initiative:

**GROWTH**

**100**

**RENEWAL**

PREVIOUSLY APPROVED:

**12,570**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**12,570**

**PROFILE DESCRIPTION**

This project will fund the purchase of land, the design and the construction of a new 13,000ft<sup>2</sup>, 3 bay Fire Station in Pilot Sound in accordance with the Fire Rescue Services Station Location Master Plan. This project will also fund the purchase of the necessary Fire Rescue pumper truck apparatus and equipment to make the station operational. The station will be staffed with a five firefighter pumper crew on a permanent 24x7x365 basis. 25 firefighters will be required to be hired in early / mid 2016.

Land for the station at 50th street and 157th avenue has been purchased and re-zoned for fire station use, site servicing is underway and the design of the station is in progress and expected to be tender ready by the end of 2014. Based on previously approved funding, costs incurred to date and projected construction costs, an additional \$10.0m is required to complete the station and purchase the pumper truck.

**PROFILE BACKGROUND**

The FRS Station Location Master Plan identifies a need for a future fire station in the North East of the city in the Pilot Sound / Holick Kenyon area. Current service is provided by the Lake District (#25), the Londonderry (#14), and the Clareview (#18) stations, however travel times are well outside council endorsed response time service level targets.

Land for the station has been acquired by the city at 50th street and 157th ave and has been re-zoned, site servicing is underway and design of the station is expected to be tender ready by the end of 2014 / early 2015.

The station will be a standard 3-bay fire station of 13,000ft<sup>2</sup> initially housing a pumper crew. The 3-Bay model provides future opportunity to deploy additional units from the station as growth and demands for service change over time.

City Council approved \$2.6m to purchase the land and initiate the design. Additional funding of \$10.0m is required to construct the station and purchase the pumper truck.

**PROFILE JUSTIFICATION**

The Fire Station will provide effective response in the north east of the city that has experienced rapid development and growth. Capital Region Board Residential Population projections indicate significant population growth is anticipated around the site selected for the Pilot Sound station. Fire Rescue utilizes a station based deployment model and this station is required to ensure that FRS is able to move towards the Council endorsed Service Level Target of a 4 minute travel time, 90% of the time. Current response to the area meets this service level target 35-40% of the time.

Adding new Fire Stations not only provides improved response in the growth areas of the city but also incrementally improves response across the whole of the city as units from existing stations are more available to respond in their home communities.

Previously approved funding has been used to purchase land for the station. Site servicing is underway and the design of the station is in progress.

**STRATEGIC ALIGNMENT**

Fire Rescue Services, through its Master Plan and its mission to protect life, property and the environment, plays an integral role in The Way We Live by ensuring Edmonton is a safe city and that Edmonton is an environmentally sustainable city.

**ALTERNATIVES CONSIDERED**

Fire Rescue Services employs an industry accepted station based deployment model for service provision and as such, there are no practical alternatives to this model that will allow the required level of service to be provided.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- Improved travel and response time in neighbourhoods around the station
- Improved full alarm assignment to events
- Incremental improvement in response city-wide

### Intangible

- Improved building development options
- Improved public education and awareness
- Improved community engagement

Cost Estimate +/- 20% (Detailed design at 80%, land purchased, other 2013/2014 fire station tenders and apparatus orders)

## KEY RISKS & MITIGATING STRATEGY

Fire Rescue Services experience with new stations shows that anticipated benefits and business outcomes are realized immediately upon the station opening. Detailed design is in progress so scope change on the station will not occur.

## RESOURCES

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies (A1439 and A1104A).

## CONCLUSIONS AND RECOMMENDATIONS

Fire Rescue Services strongly recommends that funding for the station construction and pumper truck purchase be approved beginning in 2015 to allow for a projected station opening of mid / late 2016.

## CHANGES TO APPROVED PROFILE

In 2011 City Council approved \$2.6m for the purchase of land and the design of the Pilot Sound station. Over the 2012-2014 capital budget cycle, land has been purchased and re-zoned, site servicing is underway and detailed design has been initiated. Fire Rescue Services anticipates that detailed design will be completed and ready to go out for construction tender proposals in early 2015 at the latest.

Fire Rescue Services has identified additional costs of \$10.0m to allow the construction of the station to begin in 2015 and purchase of a Pumper truck (also to be ordered in 2015). If construction commences in spring summer of 2015, the station should be operational in the fall of 2016.

Cost estimates have been reviewed and revised based on recent constructions tenders for the Ellerslie and Heritage Valley Fire Stations.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Pilot Sound Fire Station****FUNDED**PROFILE NUMBER: **12-70-0020**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,620	-	-	-	-	-	-	-	-	-	-	2,620
	2012 CBS Budget Adjustment	-2,322	-	-	-	-	-	-	-	-	-	-	-2,322
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,322	-	-	-	-	-	-	-	-	-	-	2,322
	2014 Cap Budget Request for Next Cycle	-	4,958	4,992	-	-	-	-	-	-	-	-	9,950
	2014 Cap Carry Forward	-1,798	1,798	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	822	6,756	4,992	-	-	-	-	-	-	-	-	12,570
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	4,733	4,678	-	-	-	-	-	-	-	-	9,411
APPROVED BUDGET	Pay-As-You-Go	822	2,023	314	-	-	-	-	-	-	-	-	3,159
	Current Approved Funding Sources	822	6,756	4,992	-	-	-	-	-	-	-	-	12,570

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	822	6,756	4,992	-	-	-	-	-	-	-	-	12,570
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	4,733	4,678	-	-	-	-	-	-	-	-	9,411
	Pay-As-You-Go	822	2,023	314	-	-	-	-	-	-	-	-	3,159
	Requested Funding Source	822	6,756	4,992	-	-	-	-	-	-	-	-	12,570

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	4,433	4,371	-	-	-	-	-	-	-	-	8,804
	Equip FurnFixt	-	525	532	-	-	-	-	-	-	-	-	1,057
	Other Costs	822	1,798	89	-	-	-	-	-	-	-	-	2,709
	Total	822	6,756	4,992	-	-	-	-	-	-	-	-	12,570

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	2,500	2,500	25.0	-	325	325	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	2,500	2,500	25.0	-	325	325	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FIRE RESCUE TRAINING TOWER**  
 PROFILE: **12-70-0201**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Training and Logistics**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Block K.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	3,845
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,845
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**PROFILE DESCRIPTION**

This project will fund the conversion of the Fire Rescue Services training tower to be able to use liquid propane gas (LPG) as an alternative to burning wooden pallets. This will reduce the inherent safety concerns over exposing staff to the dangers related to smoke exposure. In addition the conversion will greatly reduce the environmental impact that comes from burning wooden pallets and the contaminated water run off from the site.

The project will fund structural modifications to the existing facility prior to the installation of the LPG system (including controllers, propane gas system, detectors, safety switches, ventilation system and burn pads). Due to the timing of training needs, the project has been split over two years.

2012 - Design work  
 2012 - Initial construction and equipment acquisition  
 2013 - Final construction work and equipment installation  
 2013 - Training tower in full operation.

**PROFILE JUSTIFICATION**

Firefighter exposure to the toxic chemicals in smoke has been recognized as a contributory cause under provincial presumptive cancer legislation. Exposing staff to these risks during training exercises is an unnecessary risk that can be reduced by converting the training tower to burn Liquid Propane Gas.

In addition, the environmental impact of burning wooden pallets at the site leads to significant air pollution and contaminated waste water run off. Conversion to LPG will greatly reduce these impacts.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fire Rescue Training Tower****FUNDED**PROFILE NUMBER: **12-70-0201**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,845	-	-	-	-	-	-	-	-	-	-	3,845
	2012 CBS Budget Adjustment	-1,443	-	-	-	-	-	-	-	-	-	-	-1,443
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,443	-	-	-	-	-	-	-	-	-	-	1,443
	2014 Cap Carry Forward	-3,600	3,600	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	245	3,600	-	-	-	-	-	-	-	-	-	3,845
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	241	2,375	-	-	-	-	-	-	-	-	-	2,616
	Pay-As-You-Go	4	1,225	-	-	-	-	-	-	-	-	-	1,229
	Current Approved Funding Sources	245	3,600	-	-	-	-	-	-	-	-	-	3,845

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	245	3,600	-	-	-	-	-	-	-	-	-	3,845
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	241	2,375	-	-	-	-	-	-	-	-	-	2,616
	Pay-As-You-Go	4	1,225	-	-	-	-	-	-	-	-	-	1,229
	Requested Funding Source	245	3,600	-	-	-	-	-	-	-	-	-	3,845

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	245	3,600	-	-	-	-	-	-	-	-	-	3,845
	Total	245	3,600	-	-	-	-	-	-	-	-	-	3,845

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REACTIVATION OF FIRE STATION #21 (ROSSDALE)**  
 PROFILE: **15-70-0002**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ken Block
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LEAD BRANCH MANAGER:	Ken block
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2016
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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22
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RENEWAL
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78
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PREVIOUSLY APPROVED:	4,796
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,796
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**PROFILE DESCRIPTION**

The profile will ensure that the existing Rosssdale station can be renovated to a similar standard as existing fire stations and will include upgrades to all mechanical and electrical systems and site security improvements. Funding will also include the purchase a new rescue truck with all associated equipment for the full time river rescue crew of 5 firefighters. The project will require consolidation of all lots on the site and the re-zoning of a parcel of land for a future linear park to the north of the station (the park is funded in profile 08-28-5382). A plan to delineate and re-mediate contamination on the site will be completed in 2014.

Funding for the replacement of the boat ramp (\$1.4M) and roof (\$500k) have been identified in the existing facility rehabilitation capital composites. Work on these projects has been placed on hold pending the approval of this profile and funding will need to be carried forward to 2015 to enable this project to be completed.

**PROFILE BACKGROUND**

Fire Rescue Services has identified a need to rehabilitate and reactivate the existing Rosssdale fire station so that a full time river rescue crew can be deployed from the station. Fire Rescue Services has identified that current response times by the river rescue crew deployed from the Millcreek station (#6) lead to a significant delay in launching the rescue boat. In June 2013, City Council deemed the Rosssdale station site as essential under the requirements of the River Valley Area Redevelopment Plan. The crew deployed at the station will also provide back up rescue services to the downtown core.

The station requires renovation and rehabilitation prior to reactivation to bring it up to an acceptable standard for the deployment of a permanent rescue crew. Renovations are not expected to change the footprint of the existing building. The profile also includes the purchase of a new rescue truck and all associated equipment.

**PROFILE JUSTIFICATION**

Fire Rescue Services has identified a need to reactivate the existing Rosssdale fire station so that a full time river rescue crew can be deployed from the station. Current response times by the river rescue crew deployed from the Millcreek station (#6) lead to a significant delay in launching the rescue boat. In June 2013, City Council deemed the Rosssdale station site as essential under the requirements of the River Valley Area Redevelopment Plan and that the station be re-purposed for the provision of river rescue services.

The river rescue crew deployed at the station will be able to respond immediately to river rescue events eliminating the time required to travel from the Millcreek station to the Rosssdale station. This will significantly improve the response time to river rescue events. The rescue truck and crew at the station will also provide back up rescue coverage to the downtown core, especially when Rescue 1 is already assigned to an event.

**STRATEGIC ALIGNMENT**

Fire Rescue Services, through its Master Plan and its mission to protect life, property and the environment, plays an integral role in The Way We Live by ensuring Edmonton is a safe city and that Edmonton is an environmentally sustainable city.

**ALTERNATIVES CONSIDERED**

In 2012 / 2013, FRS investigated alternative sites that may have had potential to allow the construction of a river rescue station. None of the sites ranked as high as the existing Rosssdale location. In June 2013, City Council deemed the Rosssdale Site essential under the requirements of the River Valley Area Redevelopment Plan.

If funding is not approved for the renovation of the station, then FRS will be required to continue to provide river rescue response from the Millcreek station and the current extended river rescue response times will continue.

FRS will not be able to improve the rescue response to the downtown core.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- Improved response time to river rescue events
- Improved rescue response time to events in the downtown core
- Incremental improvements to overall city-wide response coverage

### Intangible

- Improved public safety
- Improved public safety, public education and community engagement

Cost Estimate +/- 30% based on other 2013/2014 fire station rehabilitation costs and fire apparatus tenders.

## KEY RISKS & MITIGATING STRATEGY

The main risks to the project are unexpected inflationary increases that may require an additional funding request or increased opposition to the project from some community stakeholders.

## RESOURCES

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies (A1439 and A1104A).

## CONCLUSIONS AND RECOMMENDATIONS

Fire Rescue Services strongly recommends that funding for the station be approved beginning in 2015 to allow for a projected station opening of mid 2017.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Reactivation of Fire Station #21 (Rossdale)****FUNDED**PROFILE NUMBER: **15-70-0002**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796
	Current Approved Budget	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,157	3,385	-	-	-	-	-	-	-	-	4,542
	Pay-As-You-Go	-	69	186	-	-	-	-	-	-	-	-	254
	Current Approved Funding Sources	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,157	3,385	-	-	-	-	-	-	-	-	4,542
	Pay-As-You-Go	-	69	186	-	-	-	-	-	-	-	-	254
	Requested Funding Source	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	704	3,033	-	-	-	-	-	-	-	-	3,736
	Other Costs	-	522	538	-	-	-	-	-	-	-	-	1,060
	Total	-	1,226	3,570	-	-	-	-	-	-	-	-	4,796

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fire Rescue Services	-	3,165	3,165	25.0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>3,165</b>	<b>3,165</b>	<b>25.0</b>	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	CO-LOCATED DISPATCH AND EMERGENCY OPERATIONS CENTRE	<b>FUNDED</b>
PROFILE	15-70-0003	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Fire Rescue Services	PROFILE MANAGER: Ken Block
PROGRAM NAME:	Technical Services	LEAD BRANCH MANAGER: Ken Block
LEAD BRANCH:	Fire Rescue Services	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2019

Service Category:	Protection	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	66,268
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	66,268

**PROFILE DESCRIPTION**

The initiative will fund the purchase of land, the design, construction and commissioning of a new joint facility to house the Fire Communications, EOC, Police Communications and Community Standards Dispatch at the North West Police Campus site. The initiative will also fund all the equipment, technology and furniture required to make the facility operational. A site of approximately 4.5 acres is required to construct the facility (approximately 66,000ft<sup>2</sup>), provide sufficient parking (specifically for EOC activation) and to allow for the required security setbacks. A detailed program statement and business case for the facility has been developed by all stakeholders.

Based on the size of the facility, it is assumed that design, construction and commissioning could take 4 to 5 years. If funding is received in 2015, it is anticipated that the facility will be operational sometime in 2019/2020.

**PROFILE BACKGROUND**

Over the past several years concerns have been raised about the Fire Communications, Emergency Operations Centre (EOC) and the Police Communications branch operating spaces:

- insufficient capacity for current operations leading to service degradation
- no ability to expand existing space to meet growing service needs.
- facility locations do not meet industry standards (security risks, public access, impact of North LRT and EPCOR substations)

With continued growth pressures, the development of LRT and the new Arena project, the current situation is critical and, if not addressed, will have significant impact on the city's ability to provide emergency services.

A comprehensive business case has been developed for a new purpose built co-located facility, which will achieve operational synergies and be cost effective for all programs. Including Community Standards dispatch is seen as an opportunity to maximize those synergies and provide a corporate emergency dispatch facility.

**PROFILE JUSTIFICATION**

Fire Rescue Services (including EOC), Edmonton Police Services and Community Standards have each identified a number of concerns with current facilities that significantly impact the ability to provide effective and efficient emergency services and which cannot be addressed by renovation or retrofitting.

- insufficient capacity for current operations leading to service degradation
- no available space to expand to meet growing service needs.
- facility locations do not meet industry standards (security risks, public access, impact of North LRT and EPCOR substations)

The need for a new facility has been defined as urgent, based on the impact of the issues identified and the time required to construct a new facility. The facility will meet industry standards and a 20-year time horizon has been planned, to ensure future growth is accommodated. Existing space can be re-purposed to provide disaster back up sites or other corporate uses.

**STRATEGIC ALIGNMENT**

The proposed co-location of Fire Communications, EOC, Police Communications and Community Standards Dispatch directly supports The Way We Live, specifically Edmonton is a safe city and Edmonton is an environmentally sustainable city.

**ALTERNATIVES CONSIDERED**

A facility that is designed and built specifically for this purpose is the most effective and efficient alternative to address current service challenges. Leasing and/or retrofitting an existing building has been explored but is not supported.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- Improved facility space
- Improved service delivery
- Improved synergies between agencies during an emergency
- Reduced financial cost

### Intangible

- Improved confidence of the public
- Enhanced reputation of the city as an industry leader.

Cost estimate is \$59.5m (2014 dollars) \$66.3M (escalated) +/- 50%. Concept design has been completed, cost comparison with the recently constructed Calgary EOC

## KEY RISKS & MITIGATING STRATEGY

The key risk to the project is the ability to design, construct and commission the new facility before operational concerns with the current facilities negatively impact the level of service provision.

## RESOURCES

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies (A1439 and A1104A).

## CONCLUSIONS AND RECOMMENDATIONS

Fire Rescue Services, Edmonton Police Services and Community Services believe a co-located facility is the most effective and efficient alternative to address current service delivery challenges.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Co-located Dispatch and Emergency Operations Centre****FUNDED**PROFILE NUMBER: **15-70-0003**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268
	Current Approved Budget	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268
	Approved Funding Sources												
	Pay-As-You-Go	-	157	185	994	1,701	426	-	-	-	-	-	3,463
	Tax-Supported Debt	-	881	5,464	17,205	30,882	8,374	-	-	-	-	-	62,806
	Current Approved Funding Sources	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268
	Requested Funding Source												
	Pay-As-You-Go	-	157	185	994	1,701	426	-	-	-	-	-	3,463
	Tax-Supported Debt	-	881	5,464	17,205	30,882	8,374	-	-	-	-	-	62,806
	Requested Funding Source	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	953	2,638	18,111	26,700	2,890	-	-	-	-	-	51,293
	Equip FurnFixt	-	-	-	-	5,792	5,910	-	-	-	-	-	11,702
	Land	-	-	2,925	-	-	-	-	-	-	-	-	2,925
	Other Costs	-	84	86	88	90	-	-	-	-	-	-	348
	Total	-	1,037	5,649	18,199	32,583	8,800	-	-	-	-	-	66,268

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Personnel

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Community Policing Bureau	-	-	-	-	-	240	240	2.0	-	-	-	-	-	-	-	-
Facility and Landscape Infrastructure	-	-	-	-	-	300	300	3.0	-	-	-	-	-	-	-	-
Fire Rescue Services	-	500	500	-	-	700	700	2.0	-	-	-	-	-	-	-	-
Total Operating Impact	-	500	500	-	-	1,240	1,240	7.0	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WINDERMERE FIRE STATION**  
 PROFILE: **15-70-0004**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ken Block
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LEAD BRANCH MANAGER:	Ken Block
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	14,690
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	14,690
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**PROFILE DESCRIPTION**

To design, construct and equip a new 3-bay (approx 13,000ft<sup>2</sup>) fire station in Windermere (3865 Allan Drive) and to purchase and equip a Pumper and Rescue truck for the station (to be staffed 24x7x365) and all associated equipment required to make the station fully operational. The station will provide "first in" response to the Windermere ASP and will immediately improve response times to the area when operational. Recent history indicates an improvement in response of approximately 40 - 50% in the neighbourhoods around a new station.

The initiative will fund the purchase of the land, land servicing, design and construction of the station. To date, the city has acquired and rezoned the land for the station, however FRS has not yet paid for it. As land has been acquired, the station is anticipated to be operational by mid 2017.

The station is not a district station so does not include a district office, a training room, a hose tower or space for fire prevention officers.

**PROFILE BACKGROUND**

The FRS Station Location Master Plan identifies a need for a future fire station in the south west of the city, in the Windermere ASP. Current service is provided by the Terwilliegar station (#24), with support from Callingwood (#19) and Rainbow Valley (#13) stations, however travel times from these stations are well outside council endorsed response time service level targets. Overall response time for the first arriving pumper into the area is at 17%, well below the Service Level Target of 90%. Call volume into the area has increased almost 150% since 2011.

Land for the station has been acquired and rezoned at 3865 Allan Drive (Ambleside neighbourhood). This site is strategically located to maximize service efficiency and effectiveness and to minimize overlap with existing station deployment areas.

The Windermere fire station will be a standard 3-bay fire station (13,000ft<sup>2</sup>) that will initially house a pumper and a rescue crew.

**PROFILE JUSTIFICATION**

The FRS Station Location Master Plan identifies a need for a future fire station in the south west of the city, in the Windermere ASP. Current service is provided by the Terwilliegar station (#24), with support from Callingwood (#19) and Rainbow Valley (#13) stations, however travel times for the first pumper unit is at 17%, well outside council endorsed response time service level target of 90%. As population and call volume continues to increase in this ASP, response times are expected to deteriorate. Note, call volume is up almost 150% since 2011.

Immediately upon opening, the pumper crew based at the station will respond to emergency events and the response time for the first arriving pumper unit will be improved across the whole of the Windermere ASP. Response times across the rest of the city are also incrementally improved as other units are not required to respond as frequently into this area. Full First Alarm response times will also be incrementally improved.

**STRATEGIC ALIGNMENT**

Fire Rescue Services, through its Master Plan and its mission to protect life, property and the environment, plays an integral role in The Way We Live by ensuring Edmonton is a safe city and that Edmonton is an environmentally sustainable city.

**ALTERNATIVES CONSIDERED**

FRS employs an industry accepted station based deployment model for service provision and as such there are no practical alternatives to this model that will allow the required level of service to be provided.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- Improved travel and response time around the station
- Improved full alarm assignment to events
- Incremental improvement in response city-wide

### Intangible

- Improved building development options
- Improved public education and awareness
- Improved community engagement

Cost estimate +/-20%. Defined program statement, land has been purchased, other 2013/2014 fire station tenders and 2014 fire apparatus tenders.

## KEY RISKS & MITIGATING STRATEGY

FRS experience with new stations shows that anticipated benefits and business outcomes are realized immediately upon the station opening.

The main project risk is unexpected inflation increases that may require an additional funding request.

## RESOURCES

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies (A1439 and A1104A).

## CONCLUSIONS AND RECOMMENDATIONS

Fire Rescue Services strongly recommends that funding for the station construction and pumper truck purchase be approved beginning in 2015 to allow for a projected station opening of mid 2017.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Windermere Fire Station****FUNDED**PROFILE NUMBER: **15-70-0004**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690
	Current Approved Budget	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,820	3,760	6,887	1,469	-	-	-	-	-	-	13,936
	Pay-As-You-Go	-	131	335	289	-	-	-	-	-	-	-	754
	Current Approved Funding Sources	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,820	3,760	6,887	1,469	-	-	-	-	-	-	13,936
	Pay-As-You-Go	-	131	335	289	-	-	-	-	-	-	-	754
	Requested Funding Source	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	271	2,985	6,306	1,469	-	-	-	-	-	-	11,031
	Land	-	1,430	-	-	-	-	-	-	-	-	-	1,430
	Other Costs	-	250	1,110	869	-	-	-	-	-	-	-	2,229
	Total	-	1,951	4,095	7,175	1,469	-	-	-	-	-	-	14,690

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fire Rescue Services	-	5,150	5,150	45.0	-	605	605	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	5,150	5,150	45.0	-	605	605	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC LIGHT PRE-EMPTION**  
 PROFILE: **15-70-0005**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Technical Services**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ken Block
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LEAD BRANCH MANAGER:	Ken Block
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Protection
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	2,250
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,250
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**PROFILE DESCRIPTION**

Funding will allow FRS to equip all front line response units with the necessary GPS equipment to activate the pre-emption system and it will allow FRS to work with EPCOR and Traffic Operations to install the system controllers on traffic lights along other major traffic corridors across the city. Due to the resourcing and timing requirements to fit the fleet and to install the traffic light control systems, funding has been spread out over the budget cycle. Year one will primarily be an equipment purchase and initial installation phase. Because of the impact that changing a traffic light sequence can have on adjacent traffic lights and traffic flow, installation on lights may occur significantly before the light is actually activated on the system.

The intent of the project is not incorporate all traffic lights in the city on the system, rather to concentrate on those areas where traffic congestion is a known concern or where safety due to poor sight lines may be an issue.

**PROFILE BACKGROUND**

FRS has equipped a number of front line units and traffic lights on two traffic corridors to assess the potential for the traffic Light Pre-emption system to improve FRS response times, specifically for the first arriving pumper unit. Units responding from stations 4, 12, 19 & 23 have been equipped along with traffic lights on the 156th street and 178th street corridors.

When units activate lights and siren, the system automatically activates which turns traffic lights in the direction of travel to a green light. This allows other traffic to clear the intersection before the units arrive and it allows the FRS units to proceed without the delays related to a red stop light.

The pilot project was initiated in late 2013 and will run through to June 2014. If results validate a noticeable improvement of response times, expansion of the system will require an additional source of funding as the pilot was funded with one time funding only.

**PROFILE JUSTIFICATION**

The pilot project has demonstrated that a GPS based traffic pre-emption system installed on a major traffic corridor can noticeably improve the response time for the first arriving pumper unit into neighbourhoods along the corridor. Improved response performance from the pilot project demonstrated the 4 minute travel time response improved from 76.5% of the time to 86.3% of the time and saving over 30 seconds on an average response time.

In the case of a confirmed fire, the size of the fire will double every minute and a fast and effective response is critical to limit the spread of fire beyond the room of origin and to adjacent properties. Faster response times to critical medical events will also improve public safety through early treatment intervention.

Expansion of the system to other major traffic corridors should lead to a similar improvement in Fire Rescue response to neighbourhoods along those traffic corridors.

**STRATEGIC ALIGNMENT**

Use of the Traffic Light Pre-emption system actively supports:

- Edmonton is a safe city
- Edmonton is an environmentally sustainable city.
- The City of Edmonton has a resilient financial position.

**ALTERNATIVES CONSIDERED**

Line of sight pre-emption systems have been discounted due to the issues related to dense urban areas and the inability to affect light sequence outside of a straight line of travel. Passive systems are not flexible enough to improve performance.



# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- Improved response times (specifically to neighbourhoods along the traffic corridors)
- Improved public safety (especially at traffic intersections)
- Reduced use of Air Horns

### Intangible (difficult to measure)

- Improved fuel efficiency
- Reduced maintenance on vehicles

Cost Estimate +/-10% based on 2013 pilot project costs (note, expansion will be adjusted within the approved budget)

## KEY RISKS & MITIGATING STRATEGY

Unexpected cost increases may require a reduction in the number of intersections or types of vehicles that can be brought onto the system.

The project is also dependent on EPCOR for installation work on traffic controllers.

## RESOURCES

All procurement and purchasing activities for the initiative will follow standards administrative directions and policies (A1439).

## CONCLUSIONS AND RECOMMENDATIONS

The pilot project demonstrated that a GPS based traffic pre-emption system can noticeably improve FRS response times.

FRS recommends funding the expansion of the system to allow additional traffic corridors to be brought on to the system.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Traffic Light Pre-emption****FUNDED**PROFILE NUMBER: **15-70-0005**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	750	500	500	500	-	-	-	-	-	-	2,250
	Current Approved Budget	-	750	500	500	500	-	-	-	-	-	-	2,250
	Approved Funding Sources												
	Pay-As-You-Go	-	750	500	500	500	-	-	-	-	-	-	2,250
	Current Approved Funding Sources	-	750	500	500	500	-	-	-	-	-	-	2,250

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	750	500	500	500	-	-	-	-	-	-	2,250
	Requested Funding Source												
	Pay-As-You-Go	-	750	500	500	500	-	-	-	-	-	-	2,250
	Requested Funding Source	-	750	500	500	500	-	-	-	-	-	-	2,250

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	750	500	500	500	-	-	-	-	-	-	2,250
	Total	-	750	500	500	500	-	-	-	-	-	-	2,250

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fire Rescue Services	-	40	40	-	-	40	40	-	-	40	40	-	-	-	-	-
<b>Total Operating Impact</b>	-	40	40	-	-	40	40	-	-	40	40	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FIRE FLEET GROWTH**  
 PROFILE: **15-70-0007**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ken Block**  
 LEAD BRANCH MANAGER: **Ken Block**  
 ESTIMATED START: **December, 2015**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category: <b>Protection</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,547</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,547</b>

**PROFILE DESCRIPTION**

This Profile will fund an additional 4 fire apparatus units (3 Pumpers and 1 Ladder) to increase the size of the Fire Rescue fleet. This will ensure that the Fire fleet has sufficient capacity to respond to events. Additionally FRS will be able to call off duty personnel in to staff these additional units in the case of a major event and will therefore be able to provide coverage to the rest of the city while the major event progresses, thus enhancing citizen safety. FRS will also be better positioned to manage the unanticipated loss of a front line fire unit. This will provide a buffer between the loss of the apparatus and the ability to order and receive a replacement unit. Units purchased will be the same as the specifications for the next generation of FRS apparatus. The profile will also ensure that all apparatus purchased are equipped and fully operational. A commitment of funds is required in advance to initiate the order for new units and ensure delivery by 2017.

**PROFILE BACKGROUND**

FRS and Fleet Services previously established the minimum fleet requirement for front line emergency response apparatus which incorporated the number of units needed to ensure that required vehicle maintenance is performed. However due to growth of the fleet and increased maintenance requirements, FRS has retained 12 major units above the established fleet level that are obsolete and beyond life cycle to ensure the reserve fleet is large enough. Additional units should be added to the fleet to ensure the reserve is large enough to meet operational requirements.

The fleet can not accommodate the unanticipated loss of a front line unit, specifically specialty units such as ladders. The only available units are end of life-cycle and obsolete units.

Major events leave large portions of the city without coverage. FRS has the ability to call in off duty firefighters to provide service cover however there are no reserve apparatus units that these firefighters can use.

**PROFILE JUSTIFICATION**

Fire Rescue Services and Fleet Services established the minimum fleet requirement for front line emergency response in the late 2000's which incorporated the number of units needed to ensure that required vehicle maintenance is performed. This fleet establishment was intended to ensure sufficient units are available to swap units out of service for maintenance and provide a replacement unit to ensure the station remains active.

However, due to growth of the fleet and increased maintenance requirements, in order to maintain the active fleet and keep all stations in service, Fire Rescue has retained 12 major units above the established fleet level that are obsolete and beyond life-cycle to ensure the reserve fleet is large enough. There is no funding to replace these units and this places significant risk of FRS not being able to keep all active fire stations operational.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "Edmonton has sustainable and accessible infrastructure" and "Edmonton's operations are environmentally sustainable" as it replaces obsolete apparatus and decreases environmental impact.

**ALTERNATIVES CONSIDERED**

Additional funding could be placed into the reserve to allow the obsolete units to be "replaced" a second time however this would be equivalent to funding the purchase of new units identified in this profile.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits

- All stations, fire trucks are equipped to the required standard.
- Lifecycle replacement is managed and effective.
- Firefighter and public safety is maintained

### Intangible

- Reputation of FRS is maintained

Cost estimate +/-10% based on 2013/2014 fire apparatus tenders for new and replacement apparatus, includes fleet escalation factor.

## KEY RISKS & MITIGATING STRATEGY

The initiative has minimal implementation risk as all equipment purchased will either be to current or new industry approved specifications. However, US currency will be used in the purchase and will expose the City to US dollar fluctuations.

## RESOURCES

All procurement, purchasing and staff hiring activities for the initiative will follow standards administrative directions and policies.

## CONCLUSIONS AND RECOMMENDATIONS

FRS recommends funding of \$4.5M be approved for the initiative to address existing operational concerns with fleet availability. A commitment of funds is required in advance to initiate the order for new units and ensure delivery by 2017.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Fire Fleet Growth****FUNDED**PROFILE NUMBER: **15-70-0007**PROFILE TYPE: **Standalone**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Current Approved Budget	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Current Approved Funding Sources	-	-	-	4,547	-	-	-	-	-	-	-	4,547

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Requested Funding Source	-	-	-	4,547	-	-	-	-	-	-	-	4,547

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	-	-	-	4,547	-	-	-	-	-	-	-	4,547
	Total	-	-	-	4,547	-	-	-	-	-	-	-	4,547

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fleet Services	-	740	740	1.0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>740</b>	<b>740</b>	<b>1.0</b>	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FIRE RESCUE EQUIPMENT REPLACEMENT**  
 PROFILE: **CM-70-0001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Fire Rescue Services**  
 PROGRAM NAME: **Fire Rescue Operations**  
 LEAD BRANCH: **Fire Rescue Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Ken Block**

LEAD BRANCH MANAGER: **Ken Block**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2024**

Service Category: **Protection**

Major Initiative:

**GROWTH**

**10**

**RENEWAL**

**90**

PREVIOUSLY APPROVED:

**3,948**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**3,948**

**PROFILE DESCRIPTION**

This composite initiative will fund the replacement of critical Fire Rescue Emergency Equipment. An annual expenditure plan will be prioritized and confirmed based on the life-cycle of each piece of equipment and a review of the current demands on the service. FRS equipment has a 10-12 year replacement cycle (depending on the asset) and assets are currently valued at almost \$20M. Initial plans for 2015-2018 include replacing:

- Equipping approximately 70 recruits annually to replace retirees
- 70 sets of SCBA annually.
- 5 sets of specialized rescue and equipment annually.
- 65 radios annually.
- On-board equipment (thermal imaging cameras) across the fire rescue fleet.
- Specialized Hazmat equipment
- Fitness equipment in 4 to 5 stations per year.

If a full replacement of any equipment type is required to be completed in a specific year, FRS will try and accommodate this within the level of funding within the composite.

**PROFILE BACKGROUND**

FRS uses a range of critical specialized equipment in daily emergency response operations that significantly impact both firefighter and public safety. This equipment includes (but is not limited to) portable and mobile radios, SCBA (breathing apparatus), rescue and heavy lifting equipment, thermal imaging cameras, on-board equipment and fitness equipment. FRS also requires specialized training equipment to ensure that all recruits are adequately trained as well as for the on-going competency training for all firefighters and personnel.

The nature of Fire Rescue work means that equipment is subjected to significant environmental challenges and physical demands and can become damaged during response to events. Equipment needs to be replaced as a matter of urgency to ensure units are not taken out of service.

Based on the 2013 Inventory Assessment, the average age and the average expected asset life, annual replacement funding of approximately \$1.0m has been identified.

**PROFILE JUSTIFICATION**

FRS uses a range of specialized emergency equipment in emergency response operations. This equipment needs to be replaced when worn out or damaged to ensure all FRS units remain in service 24x7x365. The FRS fleet has limited capacity and replacing damaged equipment is vital to keep the fleet up to strength. In addition, changes to equipment regulations and standards may require equipment to be replaced. Replacement of equipment requires a stable source of funds.

FRS needs to train recruits and maintain competency training of almost 1,200 front line firefighters. As a result FRS is looking at innovative ways to deliver training year round through the adoption of specialized training equipment such as command vehicle simulators. These options have a lower capital cost than purchasing additional apparatus for training.

**STRATEGIC ALIGNMENT**

Fire Rescue Services, through its Master Plan and its mission to protect life, property and the environment, plays an integral role in The Way We Live providing for a Safe and Clean city. Equipment assets are integral to meeting that goal.

**ALTERNATIVES CONSIDERED**

The alternative to replacing equipment through a composite is to have multiple individual urgent budget requests or not replacing equipment. This could mean trucks are removed from stations, and firefighters are unable to respond to emergency events.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible

- All equipment is to the required standard.
- Lifecycle replacement of assets is managed and effective.
- Firefighter and public safety is maintained

### Intangible

- FRS reputation is maintained
- CFAI Accreditation is maintained

## KEY RISKS & MITIGATING STRATEGY

The initiative has minimal implementation risk as all equipment purchased will either be to current or new industry approved specifications. Standard equipment purchasing and installation practices will apply.

## RESOURCES

All procurement and purchasing activities for the initiative will follow standard administrative directions and policies.

## CONCLUSIONS AND RECOMMENDATIONS

FRS has identified a need to replace capital equipment to the value of approximately \$1.0m annually based on RIMS allocations. FRS recommends approval of the equipment replacement composite to ensure firefighter and public safety is maintained.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Fire Rescue Equipment Replacement****FUNDED**PROFILE NUMBER: **CM-70-0001**PROFILE TYPE: **Composite**BRANCH: **Fire Rescue Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	987	987	987	987	-	-	-	-	-	-	3,948
	Current Approved Budget	-	987	987	987	987	-	-	-	-	-	-	3,948
	Approved Funding Sources												
	Pay-As-You-Go	-	987	987	987	987	-	-	-	-	-	-	3,948
	Current Approved Funding Sources	-	987	987	987	987	-	-	-	-	-	-	3,948

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	987	987	987	987	-	-	-	-	-	-	3,948
	Requested Funding Source												
	Pay-As-You-Go	-	987	987	987	987	-	-	-	-	-	-	3,948
	Requested Funding Source	-	987	987	987	987	-	-	-	-	-	-	3,948

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	987	987	987	987	-	-	-	-	-	-	3,948
	Total	-	987	987	987	987	-	-	-	-	-	-	3,948

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LOUISE MCKINNEY RIVERFRONT PARK**  
 PROFILE: **03-28-4147**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Brenneis L.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2006
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	15,622
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	15,622
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**PROFILE DESCRIPTION**

Louise McKinney Riverfront Park is our newest river valley park, located within the downtown core below the Shaw Conference Center. Once this postcard park is completed, lighted walkways, major plazas, public docks, amenity buildings, formal gardens and a cable car lift will provide residents and visitors a major park destination and events site. In 1998 City Council approved the plans for Louise McKinney Riverfront Park and declared it the City's Millennium Project. The project is a partnership with the Federal and Provincial Governments, businesses, community groups, downtown organizations, and park supporters.

#13-34 Reflect additional funding received from the benchmark (commemorative) program in 2012 (\$100K)

#13-35 Add 1K from Parkland Purchase Reserve to account for rounding of life-to date actuals.

**PROFILE JUSTIFICATION**

The park will compliment and enhance the attractiveness of tourism venues and facilities in the downtown, and create economic spin-offs such as new housing developments. Three new housing developments in close proximity of the park have been completed or are in progress as of August 2001. Increased tourist visitation is projected at 0.1% to 0.5% per year during the first five years of the 'parks' operation. Corporate Business Plan Initiatives: Planned Growth; Prepare and implement "Smart Choices for Developing our Communities". Service Challenge: Meeting the needs of a growing city.

**CHANGES TO APPROVED PROFILE**

As per Council reported dated June 16, 2014 CR\_169 Louise McKinney shall release \$4 million to be allocated to other growth priorities during the 2015-2018 period. The work being deferred to the 2019-2022 period, including any cost escalation would then be a pre-approved growth project for the 2019-2022 Capital Budget cycle.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Louise McKinney Riverfront Park****FUNDED**PROFILE NUMBER: **03-28-4147**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	31,528	-	-	-	-	-	-	-	-	-	-	31,528
	2006 CBS Budget Adjustment	3,312	-	-	-	-	-	-	-	-	-	-	3,312
	2007 CBS Budget Adjustment	2,878	-	-	-	-	-	-	-	-	-	-	2,878
	2008 CBS Budget Adjustment	645	-	-	-	-	-	-	-	-	-	-	645
	2009 CBS Budget Adjustment	-4,358	-	-	-	-	-	-	-	-	-	-	-4,358
	2010 CBS Budget Adjustment	-7,892	-	-	-	-	-	-	-	-	-	-	-7,892
	2011 CBS Budget Adjustment	-9,691	-	-	-	-	-	-	-	-	-	-	-9,691
	2012 CBS Budget Adjustment	-3,330	-	-	-	-	-	-	-	-	-	-	-3,330
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,531	-	-	-	-	-	-	-	-	-	-	6,531
	2014 Cap Capital Budget Adj (one-off)	-8,228	700	28	250	3,250	-	-	-	-	-	-	-4,000
	2014 Cap Carry Forward	-976	976	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-1	-	-	-	-	-	-	-	-	-	-	-1
	Current Approved Budget	10,418	1,676	28	250	3,250	-	-	-	-	-	-	15,622
APPROVED BUDGET	Approved Funding Sources												
	Cenn Legacy Grant - Phase 3	1,662	-	-	-	-	-	-	-	-	-	-	1,662
	Developer Financing	716	-	-	-	-	-	-	-	-	-	-	716
	Munc Sustain. Initiative - MSI	3,893	1,079	28	250	3,250	-	-	-	-	-	-	8,500
	Other Grants - Provincial	513	-	-	-	-	-	-	-	-	-	-	513
	Parkland Purchase Reserve	505	-	-	-	-	-	-	-	-	-	-	505
	Partnership Funding	16	84	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go	3,113	513	-	-	-	-	-	-	-	-	-	3,626
	Current Approved Funding Sources	10,418	1,676	28	250	3,250	-	-	-	-	-	-	15,622

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,418	1,676	28	250	3,250	-	-	-	-	-	-	15,622
	Requested Funding Source												
	Cenn Legacy Grant - Phase 3	1,662	-	-	-	-	-	-	-	-	-	-	1,662
	Developer Financing	716	-	-	-	-	-	-	-	-	-	-	716
	Munc Sustain. Initiative - MSI	3,893	1,079	28	250	3,250	-	-	-	-	-	-	8,500
	Other Grants - Provincial	513	-	-	-	-	-	-	-	-	-	-	513
	Parkland Purchase Reserve	505	-	-	-	-	-	-	-	-	-	-	505
	Partnership Funding	16	84	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go	3,113	513	-	-	-	-	-	-	-	-	-	3,626
	Requested Funding Source	10,418	1,676	28	250	3,250	-	-	-	-	-	-	15,622

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	8,251	976	-	-	-	-	-	-	-	-	-	9,227
	Other Costs	2,167	700	28	250	3,250	-	-	-	-	-	-	6,395
	Total	10,418	1,676	28	250	3,250	-	-	-	-	-	-	15,622

**CAPITAL PROFILE REPORT**

Profile Page 3

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	75	75	-	-	75	75	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	75	75	-	-	75	75	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HAWRELAK STATUE DONATION**  
 PROFILE: **05-28-4150**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Brenneis L.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2006
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Parks
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	424
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	424
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**PROFILE DESCRIPTION**

In commemoration of the 100th anniversary of the incorporation of the City of Edmonton, the estate of Pearl Hawrelak-Porter, will fund the design, casting and installation of a statue that represents the multicultural nature of Alberta's population. An advisory committee, composed of representatives from the City Archives, Community Services and the three daughters of Pearl Hawrelak-Porter, will guide the process (agreed to in the Donation Agreement dated August 24, 2000). The proposed unveiling date is May 2007 (originally November 7, 2008).

**PROFILE JUSTIFICATION**

The funding for this project is a donation, which will be available October 1, 2006. In the interim it will be funded from the Parkland Purchase Reserve.

Council Initiatives: Positive International Reputation - Edmonton Arts, Quality Physical Environment

Corporate Business Plan Initiatives: Implement the Infrastructure Strategy.

Service Challenge: Meeting the needs of a growing city.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Hawrelak Statue Donation****FUNDED**PROFILE NUMBER: **05-28-4150**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2006 CBS Budget Adjustment	117	-	-	-	-	-	-	-	-	-	-	117
	2007 CBS Budget Adjustment	59	-	-	-	-	-	-	-	-	-	-	59
	2008 CBS Budget Adjustment	150	-	-	-	-	-	-	-	-	-	-	150
	2009 CBS Budget Adjustment	24	-	-	-	-	-	-	-	-	-	-	24
	2010 CBS Budget Adjustment	1	-	-	-	-	-	-	-	-	-	-	1
	2011 CBS Budget Adjustment	32	-	-	-	-	-	-	-	-	-	-	32
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	31	-	-	-	-	-	-	-	-	-	-	31
	2014 Cap Carry Forward	-31	31	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	10	-	-	-	-	-	-	-	-	-	10
	Current Approved Budget	383	41	-	-	-	-	-	-	-	-	-	424
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Developer Financing	96	41	-	-	-	-	-	-	-	-	-	137
	Parkland Purchase Reserve	-10	-	-	-	-	-	-	-	-	-	-	-10
	Partnership Funding	297	-	-	-	-	-	-	-	-	-	-	297
	Current Approved Funding Sources	383	41	-	-	-	-	-	-	-	-	-	424

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	383	41	-	-	-	-	-	-	-	-	-	424
	Requested Funding Source												
	Developer Financing	96	41	-	-	-	-	-	-	-	-	-	137
	Parkland Purchase Reserve	-10	-	-	-	-	-	-	-	-	-	-	-10
	Partnership Funding	297	-	-	-	-	-	-	-	-	-	-	297
	Requested Funding Source	383	41	-	-	-	-	-	-	-	-	-	424

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-31	41	-	-	-	-	-	-	-	-	-	10
	Other Costs	414	-	-	-	-	-	-	-	-	-	-	414
	Total	383	41	-	-	-	-	-	-	-	-	-	424

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT EDMONTON PARK FOOTBRIDGE & TRAILS**  
 PROFILE: **06-28-5377**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2006**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>29,531</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>29,531</b>

**PROFILE DESCRIPTION**

This project involved design and construction of a new pedestrian footbridge and linking trails over the North Saskatchewan River west of Fort Edmonton Park to the Centennial Valley Lands. This project links the new residential neighborhoods in west Edmonton with river valley trails system.

This project demonstrates a local commitment to regional expansion of the river valley trails system. Edmonton is participating as part of a regional advisory group (River Valley Alliance) which aims to preserve, protect and enhance the Capital River Valley Park system. Participants include the Town of Devon, Leduc County, Parkland County, the City of Fort Saskatchewan, Strathcona County and Sturgeon County.

The required wind monitoring is remaining for project completion.

**PROFILE JUSTIFICATION**

This project aligns with City Council's special Initiative related to Sports & Recreation Opportunities. This project is part of the Council approved Ribbon of Green North Saskatchewan River Valley & Ravines Concept Plan (1990) and the Ribbon of Green Master Plan (1992). Multipurpose trails within the river valley in the area of this bridge destination were constructed in 2004/2005 as part of the Infrastructure Canada Alberta Program.

In a 2005 City-wide survey of Edmonton residents, a large majority (85%) of respondents indicated that a continuous paved multi-use trail and footbridges to link the river valley was important to their use and enjoyment of the river valley. There is currently no formal improved access to the river valley on the north side west of the Quesnell Bridge. West Edmonton is one of the fastest growing areas of Edmonton.

**CHANGES TO APPROVED PROFILE**

January 20, 2014  
 Adjustment # 2015-GM-022

As part of the regulatory approvals from the Department of Fisheries and Ocean's Canada (DFO) for construction of the Fort Edmonton Footbridge project, the City of Edmonton has to maintain the area within the construction footprint to prevent soil and surface erosion for five years after construction completion. As a result of the high water levels in 2012 & 2013 damage occurred to the rip rap that is required to be repaired as part of the authorization requirement from the DFO's office. There is not enough funding in the original profile to cover this deficiency. Funding is being requested from River Valley Trail and Park Renewal to cover this expense. If funding is approved, work will commence at the end of January 2015.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fort Edmonton Park Footbridge & Trails****FUNDED**PROFILE NUMBER: **06-28-5377**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	23,029	-	-	-	-	-	-	-	-	-	-	23,029
	2006 CBS Budget Adjustment	16	-	-	-	-	-	-	-	-	-	-	16
	2007 CBS Budget Adjustment	659	-	-	-	-	-	-	-	-	-	-	659
	2008 CBS Budget Adjustment	-4,414	-	-	-	-	-	-	-	-	-	-	-4,414
	2009 CBS Budget Adjustment	5,944	-	-	-	-	-	-	-	-	-	-	5,944
	2010 CBS Budget Adjustment	3,397	-	-	-	-	-	-	-	-	-	-	3,397
	2011 CBS Budget Adjustment	548	-	-	-	-	-	-	-	-	-	-	548
	2012 CBS Budget Adjustment	79	-	-	-	-	-	-	-	-	-	-	79
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	24	-	-	-	-	-	-	-	-	-	-	24
	2014 Cap Carry Forward	16	-16	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-1	-	-	-	-	-	-	-	-	-	-	-1
	2015 Cap Capital Budget Adj (one-off)	-	250	-	-	-	-	-	-	-	-	-	250
	Current Approved Budget	29,297	234	-	-	-	-	-	-	-	-	-	29,531
APPROVED BUDGET	Approved Funding Sources												
	FIP - Municipal Share	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	24,228	-	-	-	-	-	-	-	-	-	-	24,228
	Parkland Purchase Reserve	140	-	-	-	-	-	-	-	-	-	-	140
	Partnership Funding	3,553	-	-	-	-	-	-	-	-	-	-	3,553
	Pay-As-You-Go	376	234	-	-	-	-	-	-	-	-	-	610
	Current Approved Funding Sources	29,297	234	-	-	-	-	-	-	-	-	-	29,531

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	29,297	234	-	-	-	-	-	-	-	-	-	29,531
	Requested Funding Source												
	FIP - Municipal Share	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	24,228	-	-	-	-	-	-	-	-	-	-	24,228
	Parkland Purchase Reserve	140	-	-	-	-	-	-	-	-	-	-	140
	Partnership Funding	3,553	-	-	-	-	-	-	-	-	-	-	3,553
	Pay-As-You-Go	376	234	-	-	-	-	-	-	-	-	-	610
	Requested Funding Source	29,297	234	-	-	-	-	-	-	-	-	-	29,531

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	16	-16	-	-	-	-	-	-	-	-	-	-
	Other Costs	29,281	250	-	-	-	-	-	-	-	-	-	29,531
	Total	29,297	234	-	-	-	-	-	-	-	-	-	29,531

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARK LAND ACQUISITION**  
 PROFILE: **07-28-0002**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2007**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>25,648</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>25,648</b>

**PROFILE DESCRIPTION**

This profile is being used to fund the Tamarack project. It is the only project remaining in this capital profile. 25% of site remains to be developed pending resolution of drainage site servicing.

#12-35: Increase \$983k PPR Reserve to recover 2011 costs incurred in financing a land purchase and associated land costs.

**PROFILE JUSTIFICATION**

Increased residential development for several years has resulted in increased pressure to assemble new school/park sites. Acquisition should return to historic rates (+ inflation) when the economy cools. Parkland acquisition ensures adequate open space at the Neighbourhood, District and City levels is made available to the public for their use and enjoyment. Although most parkland is dedicated through the subdivision process, purchases are required to facilitate timely parkland development and reduce acquisition costs.

Council Initiatives: Vibrant Neighbourhoods, Quality Physical Environment

Corporate Business Plan Initiatives: Planned Growth; Prepare and implement "Smart Choices for Developing our Community".

Department Business Plan Initiatives: Develop a parks open space system plan for the City of Edmonton.

Service Challenge: Meeting the needs of a growing city. Protecting the natural environment. Responding to changing expectations, demand and demographics.

**CHANGES TO APPROVED PROFILE**

#15-41-10 (Fall SBA): To transfer \$9k from CM-28-08510 Park Land Acquisition to 07-28-0002 to cover the additional costs to establish turf for operational acceptance



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Park Land Acquisition****FUNDED**PROFILE NUMBER: **07-28-0002**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,300	-	-	-	-	-	-	-	-	-	-	5,300
	2007 CBS Budget Adjustment	7,661	-	-	-	-	-	-	-	-	-	-	7,661
	2008 CBS Budget Adjustment	2,193	-	-	-	-	-	-	-	-	-	-	2,193
	2009 CBS Budget Adjustment	7,816	-	-	-	-	-	-	-	-	-	-	7,816
	2010 CBS Budget Adjustment	1,173	-	-	-	-	-	-	-	-	-	-	1,173
	2011 CBS Budget Adjustment	1,318	-	-	-	-	-	-	-	-	-	-	1,318
	2012 CBS Budget Adjustment	18	-	-	-	-	-	-	-	-	-	-	18
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	336	-	-	-	-	-	-	-	-	-	-	336
	2014 Cap Carry Forward	-10	10	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-126	-	-	-	-	-	-	-	-	-	-	-126
	2014 SCBA Transfers >\$250K<\$1M	-50	-	-	-	-	-	-	-	-	-	-	-50
	2015 Cap Administrative	-	9	-	-	-	-	-	-	-	-	-	9
	Current Approved Budget	25,629	19	-	-	-	-	-	-	-	-	-	25,648
	Approved Funding Sources												
	Funds-in-Lieu Reserve	11,785	1	-	-	-	-	-	-	-	-	-	11,786
	Munc Sustain. Initiative - MSI	2,711	9	-	-	-	-	-	-	-	-	-	2,720
	Parkland Purchase Reserve	11,133	-	-	-	-	-	-	-	-	-	-	11,133
	Pay-As-You-Go	-	9	-	-	-	-	-	-	-	-	-	9
	Current Approved Funding Sources	25,629	19	-	-	-	-	-	-	-	-	-	25,648

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	25,629	19	-	-	-	-	-	-	-	-	-	25,648
	Requested Funding Source												
	Funds-in-Lieu Reserve	11,785	1	-	-	-	-	-	-	-	-	-	11,786
	Munc Sustain. Initiative - MSI	2,711	9	-	-	-	-	-	-	-	-	-	2,720
	Parkland Purchase Reserve	11,133	-	-	-	-	-	-	-	-	-	-	11,133
	Pay-As-You-Go	-	9	-	-	-	-	-	-	-	-	-	9
	Requested Funding Source	25,629	19	-	-	-	-	-	-	-	-	-	25,648

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-136	10	-	-	-	-	-	-	-	-	-	-126
	Land Improvements	-	9	-	-	-	-	-	-	-	-	-	9
	Other Costs	25,765	-	-	-	-	-	-	-	-	-	-	25,765
	Total	25,629	19	-	-	-	-	-	-	-	-	-	25,648

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WHITEMUD PARK AMENITY BUILDINGS REDEVELOPMENT**  
 PROFILE: **07-28-5381**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2008**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,357</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,357</b>

**PROFILE DESCRIPTION**

This funding will complete the landscaping as well as the building and site signage for the two amenity buildings at Whitemud Park.

#13-37 Transfer \$377 from 12-28-6050 to 12-08-6050 to cover budget deficit. Budget Adjustment was signed off by Linda Cochrane Jan 14, 2013

**PROFILE JUSTIFICATION**

Parkland rehabilitation and redevelopment is needed to ensure the safety and health of the public when they visit parks. Property values are maintained and enhanced when parks are improved, contributing to the economy of the city and tax base. A clean and green system of parks contributes to the City image, quality of the environment and quality of life for residents. Rehabilitation and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and reduces park operating and maintenance costs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Whitemud Park Amenity Buildings Redevelo****FUNDED**PROFILE NUMBER: **07-28-5381**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,081	-	-	-	-	-	-	-	-	-	-	9,081
	2008 CBS Budget Adjustment	-3,894	-	-	-	-	-	-	-	-	-	-	-3,894
	2009 CBS Budget Adjustment	153	-	-	-	-	-	-	-	-	-	-	153
	2010 CBS Budget Adjustment	-1,048	-	-	-	-	-	-	-	-	-	-	-1,048
	2011 CBS Budget Adjustment	-681	-	-	-	-	-	-	-	-	-	-	-681
	2012 CBS Budget Adjustment	128	-	-	-	-	-	-	-	-	-	-	128
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	575	-	-	-	-	-	-	-	-	-	-	575
	2014 Cap Carry Forward	3	-3	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	43	-	-	-	-	-	-	-	-	-	43
	Current Approved Budget	4,317	40	-	-	-	-	-	-	-	-	-	4,357
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	4,034	-	-	-	-	-	-	-	-	-	-	4,034
	Pay-As-You-Go	283	40	-	-	-	-	-	-	-	-	-	323
	Current Approved Funding Sources	4,317	40	-	-	-	-	-	-	-	-	-	4,357

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,317	40	-	-	-	-	-	-	-	-	-	4,357
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	4,034	-	-	-	-	-	-	-	-	-	-	4,034
	Pay-As-You-Go	283	40	-	-	-	-	-	-	-	-	-	323
	Requested Funding Source	4,317	40	-	-	-	-	-	-	-	-	-	4,357

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	3	40	-	-	-	-	-	-	-	-	-	43
	Other Costs	4,314	-	-	-	-	-	-	-	-	-	-	4,314
	Total	4,317	40	-	-	-	-	-	-	-	-	-	4,357

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ROSSDALE EMERG.RESP.FACILITY LINEAR PARK**  
 PROFILE: **08-28-5382**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2008**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>250</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>250</b>

**PROFILE DESCRIPTION**

This project will assist in developing a linear park between the adjacent residents and Station 21 in Rosssdale. The park will connect public trails east of 101 Street to the main spine of the river valley park system creating a new park system that is inviting and usable.

No operating impact.

**PROFILE JUSTIFICATION**

Council has approved continued use of the Rosssdale Emergency Facility for emergency river rescue, park rangers and park operation uses. Community impact and concern mitigation includes landscaping and park improvements.

Parkland rehabilitation and redevelopment is needed to ensure the safety and health of the public when they visit parks. Property values are maintained and enhanced when parks are improved, contributing to the economy of the city and tax base. A clean and green system of parks contributes to the City image, quality of the environment and quality of life for residents. Rehabilitation and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and reduces park operating and maintenance costs.

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **Rossdale Emerg.Resp.Facility Linear Park****FUNDED**PROFILE NUMBER: **08-28-5382**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	500	-	-	-	-	-	-	-	-	-	-	500
	2008 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2009 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2010 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2011 CBS Budget Adjustment	-250	-	-	-	-	-	-	-	-	-	-	-250
	2012 CBS Budget Adjustment	-250	-	-	-	-	-	-	-	-	-	-	-250
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	250	-	-	-	-	-	-	-	-	-	-	250
	2014 Cap Carry Forward	-250	250	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	250	-	-	-	-	-	-	-	-	-	250
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	250	-	-	-	-	-	-	-	-	-	250
	Current Approved Funding Sources	-	250	-	-	-	-	-	-	-	-	-	250

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	250	-	-	-	-	-	-	-	-	-	250
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	250	-	-	-	-	-	-	-	-	-	250
	Requested Funding Source	-	250	-	-	-	-	-	-	-	-	-	250

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-250	250	-	-	-	-	-	-	-	-	-	-
	Other Costs	250	-	-	-	-	-	-	-	-	-	-	250
	Total	-	250	-	-	-	-	-	-	-	-	-	250

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARK RENEWAL**  
 PROFILE: **09-28-1001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,418</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,418</b>

**PROFILE DESCRIPTION**

This profile funds the redevelopment of existing city and district level parks. A lack of service capacity to meet existing demand, high maintenance costs, change in program function and the deterioration of the physical condition of the site trigger renewal and redevelopment. Specific elements included in typical projects include the replacement of city wide and river valley playgrounds, new and replacement washrooms and other related park amenity buildings, redevelopment of access (roads and trails), improved parking, and signage. The need for renewal of parks are identified through the Urban Parks Management Plan (UPMP) and individual park master plans like Ribbon of Green North Saskatchewan River Valley and Ravine System Concept and Master Plan, all approved by City Council.

#13-37: To consolidate funding for Queen Elizabeth Park Project MSI \$948 from 09-28-1001 to 12-28-6050.

**PROFILE JUSTIFICATION**

Park renewal and redevelopment is needed to ensure the safety and health of the public when they visit parks. Property values are maintained and enhanced when parks are improved, contributing to the economy of the city and tax base. A clean and green system of parks contributes to the City image, quality of the environment and quality of life for residents. Improved efficiency and use of the park also increases the potential to host events at parks when amenities are available to serve user needs. Renewal and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and extend the life cycle of Parks infrastructure to reduce park operating and maintenance costs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Park Renewal****FUNDED**PROFILE NUMBER: **09-28-1001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	34,325	-	-	-	-	-	-	-	-	-	-	34,325
	2009 CBS Budget Adjustment	-2,764	-	-	-	-	-	-	-	-	-	-	-2,764
	2010 CBS Budget Adjustment	-11,272	-	-	-	-	-	-	-	-	-	-	-11,272
	2011 CBS Budget Adjustment	-11,087	-	-	-	-	-	-	-	-	-	-	-11,087
	2012 CBS Budget Adjustment	4,464	-	-	-	-	-	-	-	-	-	-	4,464
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,752	-	-	-	-	-	-	-	-	-	-	2,752
	2014 Cap Carry Forward	-111	111	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	16,307	111	-	-	-	-	-	-	-	-	-	16,418
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	15,514	7	-	-	-	-	-	-	-	-	-	15,521
	Partnership Funding	25	-	-	-	-	-	-	-	-	-	-	25
	Pay-As-You-Go	768	104	-	-	-	-	-	-	-	-	-	872
	Current Approved Funding Sources	16,307	111	-	-	-	-	-	-	-	-	-	16,418

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	16,307	111	-	-	-	-	-	-	-	-	-	16,418
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	15,514	7	-	-	-	-	-	-	-	-	-	15,521
	Partnership Funding	25	-	-	-	-	-	-	-	-	-	-	25
	Pay-As-You-Go	768	104	-	-	-	-	-	-	-	-	-	872
	Requested Funding Source	16,307	111	-	-	-	-	-	-	-	-	-	16,418

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-111	111	-	-	-	-	-	-	-	-	-	-
	Other Costs	16,418	-	-	-	-	-	-	-	-	-	-	16,418
	Total	16,307	111	-	-	-	-	-	-	-	-	-	16,418

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEW PARK CONSTRUCTION**  
 PROFILE: **09-28-1050**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>23,052</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>23,052</b>

**PROFILE DESCRIPTION**

This program will fund the development of new neighbourhood and district parks across the City. Park development as prescribed through the subdivision planning process and as identified in the Urban Parks Management Plan will transform raw land into green space for passive parks, active sports field parks, and for future school and community development. This includes basic grading, seeding, tree planting, parking, sports fixtures, and signage for all neighbourhood parks, future school sites, and district parks. Depending on the program needs identified for other city wide and specialized parks, this program will ensure the future of Edmonton's parks and open space system meets the needs of Edmontonians.

**PROFILE JUSTIFICATION**

The City acquires undeveloped land through municipal reserve dedication and purchase for school and park purposes. The Municipal Government Act, (3b) states that "The purpose of a municipality is to provide services, facilities or other things that, in the opinion of council, are necessary or desirable for all or a part of the municipality, and (c) to develop and maintain safe and viable communities". Funding to transform raw land into green space for parks and for future school is necessary for the quality of life and enjoyment of citizens. New areas of the City should have an accessible mix and variety of parks for residents to enjoy. In addition other needs to expand and incorporate parks and landscaped open space into existing developed areas of the city are also required. Residents are not satisfied with city services if the parkland is not developed to a minimum standard. The city has established its parks and open space as critical to its vision for the future.

**CHANGES TO APPROVED PROFILE**

Transfer \$800k from New Park Construction to 12-28-6050 River Valley Renewal - Victoria Park Pavilion. Tender came in higher than available budget in profile. Scope reduction was made and no further adjustments can be achieve.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **New Park Construction****FUNDED**PROFILE NUMBER: **09-28-1050**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	49,321	-	-	-	-	-	-	-	-	-	-	49,321
	2009 CBS Budget Adjustment	-6,945	-	-	-	-	-	-	-	-	-	-	-6,945
	2010 CBS Budget Adjustment	-16,362	-	-	-	-	-	-	-	-	-	-	-16,362
	2011 CBS Budget Adjustment	-19,608	-	-	-	-	-	-	-	-	-	-	-19,608
	2012 CBS Budget Adjustment	3,506	-	-	-	-	-	-	-	-	-	-	3,506
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	14,572	-	-	-	-	-	-	-	-	-	-	14,572
	2014 Cap Capital Budget Adj (one-off)	-800	-	-	-	-	-	-	-	-	-	-	-800
	2014 Cap Carry Forward	-1,952	1,952	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-532	-	-	-	-	-	-	-	-	-	-	-532
	2015 Cap Council	-	-100	-	-	-	-	-	-	-	-	-	-100
	Current Approved Budget	21,200	1,852	-	-	-	-	-	-	-	-	-	23,052
	Approved Funding Sources												
	Funds-in-Lieu Reserve	716	-	-	-	-	-	-	-	-	-	-	716
	Munc Sustain. Initiative - MSI	18,756	1,327	-	-	-	-	-	-	-	-	-	20,083
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership Funding	305	382	-	-	-	-	-	-	-	-	-	687
	Pay-As-You-Go	1,423	143	-	-	-	-	-	-	-	-	-	1,566
	Current Approved Funding Sources	21,200	1,852	-	-	-	-	-	-	-	-	-	23,052

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	21,200	1,852	-	-	-	-	-	-	-	-	-	23,052
	Requested Funding Source												
	Funds-in-Lieu Reserve	716	-	-	-	-	-	-	-	-	-	-	716
	Munc Sustain. Initiative - MSI	18,756	1,327	-	-	-	-	-	-	-	-	-	20,083
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership Funding	305	382	-	-	-	-	-	-	-	-	-	687
	Pay-As-You-Go	1,423	143	-	-	-	-	-	-	-	-	-	1,566
	Requested Funding Source	21,200	1,852	-	-	-	-	-	-	-	-	-	23,052

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,952	1,952	-	-	-	-	-	-	-	-	-	-
	Design	-	-100	-	-	-	-	-	-	-	-	-	-100
	Other Costs	23,152	-	-	-	-	-	-	-	-	-	-	23,152
	Total	21,200	1,852	-	-	-	-	-	-	-	-	-	23,052

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **UTILITIES & ACCESS RENEWAL-ROLLIE MILES**  
 PROFILE: **09-28-3001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,705</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,705</b>

**PROFILE DESCRIPTION**

Prior to 2012, this capital profile funded the Utilities & Access Renewal projects. The prior years (2009-2011) Utility & Access projects budget was \$4,040,000. The 2012 and 2013 budget of \$2,939,000 is for the Rollie Miles project.

The Rollie Miles Athletic Field rehabilitation is a \$2.939M project that was initiated as the existing running track had deteriorated to a point where it had to be replaced, due in part to drainage issues. The project scope is to replace the drainage system and the existing track and field elements to meet IAAF standards.

13-41 Rollie Miles tender higher than expected. \$609 From 12-28-3001.

**PROFILE JUSTIFICATION**

Rollie Miles Athletic Park has been used for city junior and senior high school track and field champions for several decades, and was used as a practice centre for the 2001 IAAF Championships in Athletics. The track is now closed due to safety concerns and requires replacement and upgrade to make the track usable by the Community and others, as well as to meet IAAF hosting requirements. The City of Edmonton requires this track to host the annual Donovan Bailey Edmonton International Athletics Festival, the 2015 Edmonton PanAmerican Junior Athletics Championships in 2015 and the 2016 Canadian Junior Track and Field Championships.

#12-37: Transfer of funding received for the Rollie Miles project from 12-28-3001 (\$500k).

#12-40: Transfer of funding received for the Rollie Miles project from 12-28-8515 (\$150k).

#12-60: The additional \$1.5M is required to address storm water drainage issues that emerged once the project was initiated. Storm sewer lines that have collapsed due to age must be repaired and it is recommend that this work is completed prior to the track being replaced.

Administration is recommending this project be funded through the projected \$4.1 million in funds that are budgeted but will not be required for debt servicing in 2012.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Received 2014 Fall SBA: Transfer of \$117k PAYG fr 12-28-3001 to 09-28-3001 Rollie Miles to cover additional cost/ commitments

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Utilities & Access Renewal-Rollie Miles****FUNDED**PROFILE NUMBER: **09-28-3001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	10,586	-	-	-	-	-	-	-	-	-	-	10,586
	2009 CBS Budget Adjustment	-2,469	-	-	-	-	-	-	-	-	-	-	-2,469
	2010 CBS Budget Adjustment	-2,846	-	-	-	-	-	-	-	-	-	-	-2,846
	2011 CBS Budget Adjustment	269	-	-	-	-	-	-	-	-	-	-	269
	2012 CBS Budget Adjustment	133	-	-	-	-	-	-	-	-	-	-	133
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,915	-	-	-	-	-	-	-	-	-	-	1,915
	2014 Cap Carry Forward	-33	33	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	117	-	-	-	-	-	-	-	-	-	-	117
	Current Approved Budget	7,672	33	-	-	-	-	-	-	-	-	-	7,705
	Approved Funding Sources												
	Financial Stabilization Resrv.	834	-	-	-	-	-	-	-	-	-	-	834
BUDGET REQUEST	Other Grants - Provincial	125	-	-	-	-	-	-	-	-	-	-	125
	Pay-As-You-Go	6,713	33	-	-	-	-	-	-	-	-	-	6,746
	Current Approved Funding Sources	7,672	33	-	-	-	-	-	-	-	-	-	7,705

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	7,672	33	-	-	-	-	-	-	-	-	-	7,705
	Requested Funding Source												
	Financial Stabilization Resrv.	834	-	-	-	-	-	-	-	-	-	-	834
	Other Grants - Provincial	125	-	-	-	-	-	-	-	-	-	-	125
	Pay-As-You-Go	6,713	33	-	-	-	-	-	-	-	-	-	6,746
	Requested Funding Source	7,672	33	-	-	-	-	-	-	-	-	-	7,705

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-33	33	-	-	-	-	-	-	-	-	-	-
	Other Costs	7,705	-	-	-	-	-	-	-	-	-	-	7,705
	Total	7,672	33	-	-	-	-	-	-	-	-	-	7,705

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NPDP/OUTDOOR AQUATIC AMENITIES-REDEVELOP**  
 PROFILE **09-28-8001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,459</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,459</b>

**PROFILE DESCRIPTION**

This profile contains the funding for completion of the spray park area in Callingwood Park and completion of the Kinsman Park redevelopment project. The spray park area to be completed is largely around the landscaping components and irrigation.

#13-34 To account for additional partner funding received in 2012 - Woodcroft, Montrose and Central McDougall Park \$266.

**PROFILE JUSTIFICATION**

The natural life cycle park features is often reached after 15-20 years of extensive use. Extended maintenance is no longer cost efficient. The recreational and or play value remaining in existing structures or components may also be limited. Park renewal and redevelopment of park components is needed to ensure the safety and health of the public when they visit parks. Renewal and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and reduces park operating and maintenance costs. The need to retrofit equipment while retaining the other park development features is a practical and economical way of maintaining the physical and recreational value of neighbourhood parks.

**Justification**

The need for additional or enhanced recreational and park amenities such as playgrounds and water features changes over time and is generally initiated by the community as it matures. The approved NPDP and Outdoor Aquatic Strategy have identified the funding needs required to adequately meet the parks and open space needs of the community and to assist in facilitating the construction of new park features within existing parks.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer \$90k MSI from 12-28-6050 to 09-28-8001 for additional environmental requirements for Kinsmen Park Project

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **NPDP/Outdoor Aquatic Amenities-Redevelop****FUNDED**PROFILE NUMBER: **09-28-8001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	11,470	-	-	-	-	-	-	-	-	-	-	11,470
	2009 CBS Budget Adjustment	-156	-	-	-	-	-	-	-	-	-	-	-156
	2010 CBS Budget Adjustment	3,579	-	-	-	-	-	-	-	-	-	-	3,579
	2011 CBS Budget Adjustment	-315	-	-	-	-	-	-	-	-	-	-	-315
	2012 CBS Budget Adjustment	760	-	-	-	-	-	-	-	-	-	-	760
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,178	-	-	-	-	-	-	-	-	-	-	1,178
	2014 Cap Carry Forward	-619	619	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Branch	21	-	-	-	-	-	-	-	-	-	-	21
	2014 SCBA Within Dept <\$250K	381	-	-	-	-	-	-	-	-	-	-	381
	2015 Cap Administrative	-	-196	-	-	-	-	-	-	-	-	-	-196
	2015 Cap Council	-	-263	-	-	-	-	-	-	-	-	-	-263
	Current Approved Budget	16,299	160	-	-	-	-	-	-	-	-	-	16,459
	Approved Funding Sources												
	Federal Grant	-	-	-	-	-	-	-	-	-	-	-	-
	Funds-in-Lieu Reserve	2,514	-	-	-	-	-	-	-	-	-	-	2,514
	Munc Sustain. Initiative - MSI	4,220	-	-	-	-	-	-	-	-	-	-	4,220
	Other Grants - Federal	222	-	-	-	-	-	-	-	-	-	-	222
	Other Grants - Provincial	137	-	-	-	-	-	-	-	-	-	-	137
	Partnership Funding	3,290	123	-	-	-	-	-	-	-	-	-	3,413
	Pay-As-You-Go	5,916	37	-	-	-	-	-	-	-	-	-	5,953
	Current Approved Funding Sources	16,299	160	-	-	-	-	-	-	-	-	-	16,459

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	16,299	160	-	-	-	-	-	-	-	-	-	16,459
	Requested Funding Source												
	Federal Grant	-	-	-	-	-	-	-	-	-	-	-	-
	Funds-in-Lieu Reserve	2,514	-	-	-	-	-	-	-	-	-	-	2,514
	Munc Sustain. Initiative - MSI	4,220	-	-	-	-	-	-	-	-	-	-	4,220
	Other Grants - Federal	222	-	-	-	-	-	-	-	-	-	-	222
	Other Grants - Provincial	137	-	-	-	-	-	-	-	-	-	-	137
	Partnership Funding	3,290	123	-	-	-	-	-	-	-	-	-	3,413
	Pay-As-You-Go	5,916	37	-	-	-	-	-	-	-	-	-	5,953
	Requested Funding Source	16,299	160	-	-	-	-	-	-	-	-	-	16,459

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-619	178	-	-	-	-	-	-	-	-	-	-441
	Design	-	-18	-	-	-	-	-	-	-	-	-	-18
	Other Costs	16,918	-	-	-	-	-	-	-	-	-	-	16,918
	Total	16,299	160	-	-	-	-	-	-	-	-	-	16,459

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARK RENEWAL**  
 PROFILE: **12-28-1001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>19,336</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>19,336</b>

**PROFILE DESCRIPTION**

The Park Renewal profile funds the planning and redevelopment of existing City and District level parks. Park renewal ensures that the goals and objectives of Edmonton's Strategic Plan, The Way Ahead-City of Edmonton Strategic Plan 2009-2018, are met. Specifically, park renewal improves the quality of life for our citizens, contributes to our social capital and economic vitality and reflects our commitment to effectively manage our shared resources.

The need for park renewal is based on analysis of physical condition, functionality and capacity. Park renewal and redevelopment is triggered where any of the following have been identified: a lack of service capacity to meet existing demand, high maintenance costs, change in program function, and the deterioration of the physical condition of a park site. Specific elements which may be addressed under the Parks Renewal profile include new and replacement playgrounds, washrooms and service yards as well as the introduction or redevelopment of other park amenities such as roads and trails, and improved parking and signage.

The scope of the Parks Renewal profile for 2012-2014 has been identified and prioritized based on community need and inventory assessment.

In order to complete projects, the following funding has been identified:

- John Fry District Park 2012-2014 Construction \$7.153M. Project will be completed.
- Borden Park 2012-2013 Construction \$4.717M. Project will be completed.
- Castle Downs District Park 2012-2013 Construction \$4.177M. Project will be completed.
- Callingwood Park 2012 amenity building \$1.5M. Project will be completed.

Funding of \$1.373M for 2012 construction has been identified for the Mill Woods District Park. This project will not be completed. The following components are outstanding for the project: ball diamond upgrades; west multi-use fields; west parking lot; practice fields; walkway linkages; landscaping and landscaping park amenities.

Projects for 2015 and beyond include, but may not be limited to:

- Bonnie Doon District Park
- Argyll Park
- Coronation District Park
- Donnan District Park
- Lewis Estates District Park
- Airway Park
- Grand Trunk Park

Should evidence of waste or environmentally harmful material be found in any park, this may impact construction requirements, costs and scheduling, resulting in a park renewal initiative not being undertaken or completed on time.

**PROFILE JUSTIFICATION**

The need for renewal of parks is identified through a number of strategic and policy documents including the Urban Parks Management Plan (UPMP), the Recreation Facility Master Plan, The Way Ahead-City of Edmonton Strategic Plan 2009-2018, The Way We Live-Edmonton's People Plan and in individual park master plans. As outlined in the Council approved Urban Parks Management Plan (UPMP), park renewal maintains the City's commitment to:

- provide a higher quality of life and urban sustainability;
- provide effective management of land resources to provide for the recreational, social and environmental needs to the community
- provide maintained, clean and safe park environments.

Park renewal is also aligned with strategic policy directions identified in The Way Ahead-City of Edmonton Strategic Plan 2009-2018 and The Way We Live-Edmonton's People Plan, which include to:

- provide and maintain clean public spaces, infrastructure and green spaces
- provide infrastructure and public spaces to promote and encourage healthy and active living;
- provide activities and events in city green spaces throughout all seasons;
- build and maintain a connected system of shared use trails, green and natural spaces;
- use its infrastructure and public spaces to host events and performances

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Park Renewal****FUNDED**PROFILE NUMBER: **12-28-1001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	18,920	-	-	-	-	-	-	-	-	-	-	18,920
	2012 CBS Budget Adjustment	-12,615	-	-	-	-	-	-	-	-	-	-	-12,615
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,831	-	-	-	-	-	-	-	-	-	-	12,831
	2014 Cap Carry Forward	-2,197	2,197	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-14	-	-	-	-	-	-	-	-	-	-	-14
	2015 Cap Administrative	-	196	-	-	-	-	-	-	-	-	-	196
	2015 Cap Council	-	18	-	-	-	-	-	-	-	-	-	18
	Current Approved Budget	16,925	2,411	-	-	-	-	-	-	-	-	-	19,336
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	14,690	196	-	-	-	-	-	-	-	-	-	14,886
	Other	34	-	-	-	-	-	-	-	-	-	-	34
	Other Grants - Federal	18	-	-	-	-	-	-	-	-	-	-	18
	Partnership Funding	106	-	-	-	-	-	-	-	-	-	-	106
	Pay-As-You-Go	2,077	2,215	-	-	-	-	-	-	-	-	-	4,292
	Current Approved Funding Sources	16,925	2,411	-	-	-	-	-	-	-	-	-	19,336

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	16,925	2,411	-	-	-	-	-	-	-	-	-	19,336
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	14,690	196	-	-	-	-	-	-	-	-	-	14,886
	Other	34	-	-	-	-	-	-	-	-	-	-	34
	Other Grants - Federal	18	-	-	-	-	-	-	-	-	-	-	18
	Partnership Funding	106	-	-	-	-	-	-	-	-	-	-	106
	Pay-As-You-Go	2,077	2,215	-	-	-	-	-	-	-	-	-	4,292
	Requested Funding Source	16,925	2,411	-	-	-	-	-	-	-	-	-	19,336

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,197	2,411	-	-	-	-	-	-	-	-	-	214
	Other Costs	19,122	-	-	-	-	-	-	-	-	-	-	19,122
	Total	16,925	2,411	-	-	-	-	-	-	-	-	-	19,336

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	38	38	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	38	38	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TREE PLANTING & NATURALIZATION**  
 PROFILE: **12-28-2001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,906</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,906</b>

**PROFILE DESCRIPTION**

This program provides funding for tree replacement planting on established parks and open spaces, naturalization of open areas on park sites adjacent to natural areas which are not used for active recreational purposes, and to replace tree grates and upgrade tree well infrastructure. This program provides for new tree planting on established sites that are below the base level of standard to meet the canopy goal requirements for the urban forest management plan, as well as replacement of trees lost to drought, the changing climate conditions, and pests. Naturalization by way of plant material, planting materials, vegetation (weed) control and promotional material, provides for a way to dramatically increase the sustainability of the urban forest. Naturalization requires minimal maintenance once established, provides opportunity for community involvement, biodiversity corridors, calms traffic and beautifies.

The proposed replacement of concrete and wood grates using a metal system requires concrete framing and can only be completed during tree replacement. This presents an opportunity for increasing tree well soil volume. Current streetscape upgrades specify tree wells with more soil volume than pre-existing tree wells. This in turn provides a better opportunity for trees to live longer and grow closer to maturity. Downtown tree wells requiring replacement trees that do not have planned streetscape upgrades would be eligible. The elements specific to the streetscape upgrades would include metal tree grates and supports, site construction, site design, and construction supplies.

Yearly implementation:

Tree Planting - \$750K for approximately 625 trees, includes planting labour, plant material, planting material, stump grinding, 3 year establishment Timeline: year 1: planting plan, specifications and maps, finalize and award tenders, year 2: tree planting year 3&4: establishment/care

Naturalization Planting - \$100K, includes plant material, site preparation, promotional material, tools, project coordinator Timeline: year 1: development of promotional material, site selection year 2: site preparation, planting

Sidewalk Tree Upgrades - \$150K, includes design, installation of tree grates including excavation of concrete, installation and supply of soil cell Timeline: year 1: site selection, design, specifications year 2: installation

**PROFILE JUSTIFICATION**

Over the past decade, our tree canopy has been in decline putting the value of our parks and greenspace in jeopardy. This process needs to be reversed and our tree canopy needs to expand to align with the strategic goals of The Way Ahead, The Way We Green, The Capital City Downtown Business Plan, The Urban Parks Management Plan, Greenhouse Gas Management Plan (unapproved) and The Urban Forest Management Plan (draft). More than 43,000 trees have been lost on City property over the past 11 years due to drought conditions and associated pests. Over the next ten years, this funding will:

- Replace at least 1,875 of trees lost by drought and associated pests from 2001 to 2011.
- Plant 1.5 hectares per year of naturalization sites.
- Retrofit 15 tree well upgrades per year from 1m3 of available soil to a minimum of 5m3 and upgrade surface treatment to metal tree grates in partnership with Transportation Operations.

Trees and naturalized plantings are beneficial to the environment by:

- moderating temperatures
- reducing the energy needed for heating and cooling by as much as 25%
- reducing damage from storm water runoff by absorbing rainfall or delaying its flow into drainage areas
- improving water quality
- enhancing property values
- improving site services/amenities
- Aesthetic value and improves quality of life
- A sense of privacy
- Reduce crime by revitalizing neighbourhoods\*
- fostering the social ties needed to empower citizens
- Calms traffic

**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

#15-41-7 (Fall SBA): Transfer \$310K PAYG from CM-28-2001 Replacement Tree Planting & Naturalization to 12-28-200 Tree Planting & Naturalization to cover over expenditures in 2015 for the Whyte Ave tree project. The Whyte Ave tree project is overspent due to discovery of an abandoned rail line.

15-41-10 (Fall SBA): Transfer \$35k PAYG from CM-21-5800 Great Nbhds Initiative to 12-28-2001 Tree Planting & Naturalization to cover the electrical conduit costs on the Whyte Avenue tree project.

PROFILE NAME: **Tree Planting & Naturalization**

**FUNDED**

PROFILE NUMBER: **12-28-2001**

PROFILE TYPE: **Composite**

BRANCH: **Neighbourhoods**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,000	-	-	-	-	-	-	-	-	-	-	3,000
	2012 CBS Budget Adjustment	-543	-	-	-	-	-	-	-	-	-	-	-543
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	543	-	-	-	-	-	-	-	-	-	-	543
	2014 Cap Carry Forward	-477	477	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Branch	-30	-	-	-	-	-	-	-	-	-	-	-30
	2015 Cap Administrative	-	905	-	-	-	-	-	-	-	-	-	905
	2015 Cap Council	-	31	-	-	-	-	-	-	-	-	-	31
	Current Approved Budget	2,493	1,413	-	-	-	-	-	-	-	-	-	3,906
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Partnership Funding	25	6	-	-	-	-	-	-	-	-	-	31
	Pay-As-You-Go	2,468	1,407	-	-	-	-	-	-	-	-	-	3,875
	Current Approved Funding Sources	2,493	1,413	-	-	-	-	-	-	-	-	-	3,906

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,493	1,413	-	-	-	-	-	-	-	-	-	3,906
	Requested Funding Source												
	Partnership Funding	25	6	-	-	-	-	-	-	-	-	-	31
	Pay-As-You-Go	2,468	1,407	-	-	-	-	-	-	-	-	-	3,875
	Requested Funding Source	2,493	1,413	-	-	-	-	-	-	-	-	-	3,906

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-477	1,103	-	-	-	-	-	-	-	-	-	626
	Land Improvements	-	310	-	-	-	-	-	-	-	-	-	310
	Other Costs	2,970	-	-	-	-	-	-	-	-	-	-	2,970
	Total	2,493	1,413	-	-	-	-	-	-	-	-	-	3,906

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CHURCHILL SQUARE SIGNAGE**  
 PROFILE: **12-28-2051**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Brenneis L.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2014
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	-
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	-
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**PROFILE DESCRIPTION**

This project will fund improvements to Sir Winston Churchill Square including the supply and installation of a new marquee sign and wayfinding that would provide public information about what's happening in the square, upcoming activities and events, and support wayfinding requirements of the square.

As part of the re-development of Churchill Square in 2004, signage for the square and surrounding precinct was contemplated but not included in this previous project. A capital profile for signage was funded in the 2009-11 capital budget but delayed due to a review of the signage bylaw and initiation of the Civic Precinct Master Plan. The Master Plan, to be completed in 2012, will provide direction on the comprehensive signage requirements for the Square and surrounding precinct and guide the implementation of this project in 2013.

**PROFILE JUSTIFICATION**

This project supports the Way Ahead through the 10-year goals of "Improving Edmonton's Livability" and "Transform Edmonton's Urban Form" and meets the corporate outcomes of:

- a) Citizens use city infrastructure and participate in services and programs that provide enjoyment and personal health benefits
- b) Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services
- c) Attractive and compact physical design with diverse neighbourhoods, amenities and public open spaces

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Churchill Square Signage****FUNDED**PROFILE NUMBER: **12-28-2051**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	700	-	-	-	-	-	-	-	-	-	-	700
	2014 Cap Release to Corp Pool	-700	-	-	-	-	-	-	-	-	-	-	-700
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **UTILITIES & ACCESS RENEWAL**  
 PROFILE: **12-28-3001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,261</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,261</b>

**PROFILE DESCRIPTION**

This program provides funds for the renewal/refurbishment of existing City owned park access features and parks utilities services on parkland. Utilities & Access Renewal includes the repair/replacement of roads, parking lots, trails, wooden stairs, minor bridges and viewpoints, docks, and boardwalk upgrades. Parks utility services includes utility installation and repairs to electrical and drainage lines on parkland and servicing community league buildings and security lighting and blu-fone installations in the river valley. These projects take place in all of the Parks areas including: pocket parks, urban village parks, school & community parks, district activity parks, river valley & ravine parks and natural areas/greenways.

Projects for 2012-2014 may include, but are not limited to:

Callingwood Park-parking lot, entrance road  
 Ortona Armouries- parking lot  
 Edmonton Valley Zoo- paving  
 Whitemud Equine road- paving  
 Kennedale Parks yard- paving  
 Glengarry arena- parking upgrades  
 Riverside trail- realignment  
 Rundle Park- asphalt roads, parking lots, trails, security lighting  
 Victoria Park- skating oval lighting  
 McIntyre Park rubber tile replacement  
 Goldbar Park- picnic area power supply  
 Hawrelak Park- facility utility line, parking  
 Coronation Park sidewalks, asphaltting  
 Twin Brooks trail- realignment  
 Buena Vista- asphalt roads, parking lots, trails, electrical upgrades  
 Millcreek Pool- trails, asphaltting roads, parking lots  
 Kinsmen Centre- asphalt roads, parking lots, trails  
 Commonwealth Stadium/Clark Park- asphaltting  
 Fort Edmonton Park-boardwalk replacement  
 Londonderry Leisure Centre-asphalt repairs  
 Millwoods Leisure Centre/Park- asphaltting  
 Snow Valley/Rainbow Valley- asphaltting

#13-31 From Enterprise Reserve to cover Fibre Optic Lines at Victoria Golf Course \$40 Enterprise Reserve

#13-35: To consolidate River Valley Trail Work under one profile (UAR). \$400 transfer from 12-28-8510 to 12-28-3001.

#13-37 Transfer \$200 from 12-28-3001 to 12-23-9503 to complete a three way Culvert Project in Goldbar/Goldstick park between Community Services, Transportation & Drainage. Drainage is completing project.

#13-37: \$15K allocated to cover CMS portion of the NE Parks - walkway and landscape repairs, transfer to 12-31-9517.

13-41 Rollie Miles tender higher than expected. Tsf \$609 to 12-28-3001.

# CAPITAL PROFILE REPORT

Profile Page 2

## PROFILE JUSTIFICATION

Renewals and utility installations are undertaken to extend the life of existing capital assets, reduce longer term repair costs and correct potential or impending safety concerns. A significant portion of the work will correct unsafe site conditions and bring park access features up to code requirements. If left undone, park access may be forced to be removed and/or put out of service; annual operating costs will increase to perform on-going minor maintenance in order to keep the access feature functional/accessible. Citizens using the parks will experience access conditions not in good repair or perhaps removed/closed resulting in dissatisfaction and lower attendance within the park system. In "The Way We Grow", the City is directed to address reinvestment and rehabilitation of park space (4.3.1.3). In "The Way We Live" the City is directed to protect and preserve parks and green spaces (6.2.3) and to provide and maintain public spaces (2.2.2). Increased use of the river valley by all citizens has led to increased wear and tear on existing asphalt and granular trails and has led to the creation of informal access trails in some areas. The informal access trails are often steep, heavily eroded and dangerous. Improvements will make access safer for users, and protect the environment and help to meet trail standards identified in the Ribbon of Green document.

#12-37: Transfer funding for the Rollie Miles project to 09-28-3001 (\$500k).

## CHANGES TO APPROVED PROFILE

2014 Fall SBA: Transfer \$117k PAYG to 09-28-3001 Rollie Miles fr 12-28-3001 to cover additional cost/ commitments

2014-CM-020: Tsf \$300k fr 12-28-3001 Utilities & Access to 13-28-4011 Mill Woods Satellite Yard to fund increase in tender price.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Utilities & Access Renewal****FUNDED**PROFILE NUMBER: **12-28-3001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,000	-	-	-	-	-	-	-	-	-	-	6,000
	2012 CBS Budget Adjustment	-1,522	-	-	-	-	-	-	-	-	-	-	-1,522
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	350	-	-	-	-	-	-	-	-	-	-	350
	2014 Cap Capital Budget Adj (one-off)	-300	-	-	-	-	-	-	-	-	-	-	-300
	2014 Cap Carry Forward	-511	511	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-70	-	-	-	-	-	-	-	-	-	-	-70
	2014 SCBA Within Branch	-80	-	-	-	-	-	-	-	-	-	-	-80
	2014 SCBA Within Dept <\$250K	-117	-	-	-	-	-	-	-	-	-	-	-117
	Current Approved Budget	3,750	511	-	-	-	-	-	-	-	-	-	4,261
	Approved Funding Sources												
	Enterprise Reserve	35	5	-	-	-	-	-	-	-	-	-	40
	Munc Sustain. Initiative - MSI	1,316	304	-	-	-	-	-	-	-	-	-	1,620
	Pay-As-You-Go	2,399	202	-	-	-	-	-	-	-	-	-	2,601
	Current Approved Funding Sources	3,750	511	-	-	-	-	-	-	-	-	-	4,261

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,750	511	-	-	-	-	-	-	-	-	-	4,261
	Requested Funding Source												
	Enterprise Reserve	35	5	-	-	-	-	-	-	-	-	-	40
	Munc Sustain. Initiative - MSI	1,316	304	-	-	-	-	-	-	-	-	-	1,620
	Pay-As-You-Go	2,399	202	-	-	-	-	-	-	-	-	-	2,601
	Requested Funding Source	3,750	511	-	-	-	-	-	-	-	-	-	4,261

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-811	511	-	-	-	-	-	-	-	-	-	-300
	Other Costs	4,561	-	-	-	-	-	-	-	-	-	-	4,561
	Total	3,750	511	-	-	-	-	-	-	-	-	-	4,261

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RIVER VALLEY - RENEWAL**  
 PROFILE: **12-28-6050**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,741</b>
<b>1</b>	<b>99</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,741</b>

**PROFILE DESCRIPTION**

This program funds the renewal of existing River Valley Parks. Edmonton's river valley constitutes the longest stretch of connected urban parkland in North America and provides a unique urban escape with a full range of parks and trails with upwards of ten million user visits recorded each year. The river valley park system plays host to a number of civic and internationally recognized events as well as catering to families and individuals enjoying primarily unstructured recreation and enjoyment of nature, accommodating camps for school aged children and providing access for paddlers, rowers, joggers and cyclists. The river valley park system is the single-most identifying natural feature of our City.

The City of Edmonton is experiencing significant user pressures on the river valley park system. Citizens expect a higher level of service and the amenities and services presently available in several river valley parks are nearing the end of their useful life and require redevelopment.

The need for river valley park renewal is based on an analysis of physical condition, functionality and capacity. The need for park renewal is triggered where any of the following have been identified: a lack of service capacity to meet existing demand, high maintenance costs, change in program function and the deterioration of the physical condition of a park site. Specific elements which may be addressed under the River Valley Parks Renewal profile include replacement playgrounds, washrooms, roads and trails, improved parking and signage as well as the introduction or redevelopment of other park amenities.

River Valley Parks Renewal profile for 2012-2014 and beyond has been identified and prioritized through an assessment of their physical condition, functionality and capacity, and through consultation with various City departments, maintenance staff, and on community need, and includes, but is not limited to, the following projects:

- Dawson Park - Planning 2014 \$.3M
- Victoria Park Amenity building - Design 2012 Construction 2013/2014 \$2.9M
- Laurier Beuna Vista Park Redevelopment - Design 2012 Construction 2013/2014 \$2.676M
- William Hawrelak Park Redevelopment - Planning 2014 \$.5M
- Queen Elizabeth-North - Planning 2012/2013 Construction beginning 2014 \$.920M
- Fox Farm - Planning 2014 \$.215M
- River Valley Wayfinding Signage - Planning/Design 2012 Installation 2013/2014 \$.24M

Should evidence of waste or environmentally harmful material be found in any park, this may impact construction requirements, costs and scheduling, resulting in a park renewal initiative not being undertaken or completed on time.

Projects for 2015 and beyond

- Construction of Dawson Park
- Construction of William Hawrelak Park
- Construction of Queen Elizabeth-North
- Construction of Fox Farm
- Gold Bar Park

#13-37: To consolidate funding for Queen Elizabeth Park Project MSI \$948 from 09-28-1001 to 12-28-6050.

#13-37 Transfer \$377 from 12-28-6050 to 12-08-6050 to cover budget deficit. Budget Adjustment was signed off by Linda Cochrane Jan 14, 2013



# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

The commitment to renew the river valley park system is identified in several strategic and policy documents including the Urban Parks Management Plan (UPMP), The North Saskatchewan River Valley Area Redevelopment Plan (Bylaw 7188), The Ribbon of Green:North Saskatchewan River Valley and Ravine System Master Plan, The Way Ahead-City of Edmonton Strategic Plan 2009-2018 and The Way We Live-Edmonton's People Plan.

As outlined in the Council approved Urban Parks Management Plan (UPMP), park renewal will maintain the City's commitment to provide a higher quality of life, to effectively manage land resources so as to provide for the recreational, social and environmental needs of the community, and to provide maintained, clean and safe parks. A major goal of The North Saskatchewan River Valley Area Redevelopment Plan is to provide the opportunity for recreational, aesthetic and cultural activities[...for the benefit of Edmontonians and visitors to Edmonton. Lastly, River Valley park renewal aligns with strategic policy directions identified in The Way Ahead-City of Edmonton Strategic Plan 2009-2018 and The Way We Live-Edmonton's People Plan, which include to:

- provide and maintain clean public spaces, infrastructure and green spaces
- provide infrastructure and public spaces to promote and encourage healthy and active living;
- provide activities and events in city green spaces throughout all seasons;
- design, build provide and protect public access to the top of bank and ravine system;
- use its infrastructure and public spaces to host events and performances;
- promote the beauty of our green space, parks, aquatic and natural areas; and
- provide and encourage people to explore and enjoy their connection to the natural environment.

Specifically, river valley park redevelopment aligns with the City's following 3-year goals: to refocus spending on renewing existing infrastructure and to improve the City's urban form through excellence in urban and landscape design. The parks along the river valley provide all Edmontonians with access to a variety of cultural and recreational and natural experiences - all of which serve to unite our community, enhance our quality of life, and strengthen our sense of pride and citizenship. Economic vitality is also contingent on offering an enhanced public realm and none figures more prominently in our image than the river valley. Improved efficiency and use of parks also increases the potential to host events and parks when amenities are available to serve user needs. Renewal and redevelopment will maintain the physical condition of park infrastructure, park landscape, and extend the life cycle of parks infrastructure to reduce park operating and maintenance costs. As well, the installation of signage along existing river valley trails will provide significant value to the river valley experience and enhance the overall experience for all users.

## CHANGES TO APPROVED PROFILE

Transfer \$800k from New Park Construction to 12-28-6050 River Valley Renewal - Victoria Park Pavilion. Tender came in higher than available budget in profile. Scope reduction was made and no further adjustments can be achieve.

2014 Fall SBA: Transfer \$90k MSI from 12-28-6050 to 09-28-8001 for additional environmental requirements for Kinsmen Park Project

2014 Fall SBA: Transfer \$205k PAYG from 12-28-8510 to 12-28-6050 for Fox Farms demolition and re-naturalization

#15-41-8 (Fall SBA): Change funding source from Fed Grant to Partner funding as the cheque came from a coalition group, not the Fed. government.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **River Valley - Renewal****FUNDED**PROFILE NUMBER: **12-28-6050**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,751	-	-	-	-	-	-	-	-	-	-	7,751
	2012 CBS Budget Adjustment	-509	-	-	-	-	-	-	-	-	-	-	-509
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,244	-	-	-	-	-	-	-	-	-	-	1,244
	2014 Cap Capital Budget Adj (one-off)	800	-	-	-	-	-	-	-	-	-	-	800
	2014 Cap Carry Forward	-7,396	7,396	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	195	-	-	-	-	-	-	-	-	-	-	195
	2014 SCBA Transfers >\$250K<\$1M	205	-	-	-	-	-	-	-	-	-	-	205
	2014 SCBA Within Branch	32	-	-	-	-	-	-	-	-	-	-	32
	2014 SCBA Within Dept <\$250K	-90	-	-	-	-	-	-	-	-	-	-	-90
	2015 Cap Council	-	113	-	-	-	-	-	-	-	-	-	113
	Current Approved Budget	2,232	7,509	-	-	-	-	-	-	-	-	-	9,741
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	2,045	6,337	-	-	-	-	-	-	-	-	-	8,382
	Other Grants - Federal	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership Funding	21	378	-	-	-	-	-	-	-	-	-	399
	Pay-As-You-Go	166	794	-	-	-	-	-	-	-	-	-	960
	Current Approved Funding Sources	2,232	7,509	-	-	-	-	-	-	-	-	-	9,741

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,232	7,509	-	-	-	-	-	-	-	-	-	9,741
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	2,045	6,337	-	-	-	-	-	-	-	-	-	8,382
	Other Grants - Federal	-	-	-	-	-	-	-	-	-	-	-	-
	Partnership Funding	21	378	-	-	-	-	-	-	-	-	-	399
	Pay-As-You-Go	166	794	-	-	-	-	-	-	-	-	-	960
	Requested Funding Source	2,232	7,509	-	-	-	-	-	-	-	-	-	9,741

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-7,396	7,516	-	-	-	-	-	-	-	-	-	120
	Design	-	-7	-	-	-	-	-	-	-	-	-	-7
	Land Improvements	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	9,628	-	-	-	-	-	-	-	-	-	-	9,628
	Total	2,232	7,509	-	-	-	-	-	-	-	-	-	9,741

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGH PARKS & OUTDOOR AQUATIC STRATEGY**  
 PROFILE: **12-28-7050**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,739</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,739</b>

**PROFILE DESCRIPTION**

The Neighbourhood Parks & Outdoor Aquatic Strategy - New program provides funding to cost share with the City of Edmonton community group matching contributions under the Neighbourhood Park Development Program (NPDP) and Outdoor Aquatic Strategy (OAS) for new construction as approved by council. Community groups participate in park site development with design, labour and finances to provide park amenities such as trees, walks, lighting, benches and playground equipment and outdoor aquatic amenities. All play spaces and equipment have to be accessible to persons with disabilities. Maximum funding is described under each program based on a matching partnership basis. The City provides required infrastructure work to support park development. Sixty percent of project costs are community funded, with the City funding typically around forty percent of the total project costs.

Each project cost really varies pending on scope and scale of the development. Typically a new park construction would cost \$600,000 - \$700,000 dollars. Outdoor Aquatic Amenity \$250,000 - \$300,000.

Park development is typically a 2 -3 year process.

Projects for 2012-2014 may include, but is not limited to:

- Carlton Spray Park
- Hodgson Park Development
- Magrath Park Development
- Windsor Park Development
- Strathcona Community Garden
- Twin Brooks Community Garden
- Holyrood Spray Park
- Eaux Claires Park and Spray Deck
- Cumberland Playground and Park Development
- Canon Ridge Spray Deck
- Brintnell Park Development
- South Terwillegar Park Development
- West Meadowlark Spray Park
- Poplar Park Basketball Court
- MacTaggart Park Development
- Cameron Heights Park Development
- Hamptons Sister Annatta Brockman School Playground Development

#12-35: Increase partner funding of \$750k(2012-2014) to account for amount anticipated to be received.

**PROFILE JUSTIFICATION**

The Neighbourhood Parks & Outdoor Aquatic Strategy - New program provides funding to match community contributions for neighbourhood park development or outdoor aquatic amenities as approved by City Council. Currently a team of community members, Project Management Officers and Community Recreation Coordinators deliver this Program.

Neighbourhood Parks are parks serving smaller geographical areas representing approximately 4,500 people. There are three types of Neighbourhood Parks: traditional School and Community Parks; small, dispersed sites called Pocket Parks, and Urban Village Parks, which are the same as school and community park sites but without the schools.

Each year we anticipate constructing a minimum of 2 Extensive Level of projects with a maximum of \$250,000, at least 1 Intermediate Level project with a maximum of \$75,000 and at least 2 Basic Level projects with a maximum of \$15,000. The Outdoor Aquatic Strategy (OAS) will provided for 3 projects up to \$125,000 in funding every 2 years. Basic level can include planning dollars for projects which does not require the group to have matching funds for planning projects.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer PAYG \$315k fr NPDP 12-28-7055 (renewal) to 12-28-7050 (new) for Hazeldean Redev. as it was originally linked to the NEW instead of Renewal profile.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neigh Parks & Outdoor Aquatic Strategy****FUNDED**PROFILE NUMBER: **12-28-7050**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,777	-	-	-	-	-	-	-	-	-	-	5,777
	2012 CBS Budget Adjustment	1,221	-	-	-	-	-	-	-	-	-	-	1,221
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	780	-	-	-	-	-	-	-	-	-	-	780
	2014 Cap Carry Forward	-1,710	1,710	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,280	-	-	-	-	-	-	-	-	-	-	1,280
	2014 SCBA Transfers >\$250K<\$1M	1,265	-	-	-	-	-	-	-	-	-	-	1,265
	2014 SCBA Within Branch	48	-	-	-	-	-	-	-	-	-	-	48
	2015 Cap Council	-	1,368	-	-	-	-	-	-	-	-	-	1,368
	Current Approved Budget	8,661	3,078	-	-	-	-	-	-	-	-	-	11,739
	Approved Funding Sources												
BUDGET REQUEST	Partnership Funding	3,823	1,796	-	-	-	-	-	-	-	-	-	5,619
	Pay-As-You-Go	4,838	1,282	-	-	-	-	-	-	-	-	-	6,120
	Current Approved Funding Sources	8,661	3,078	-	-	-	-	-	-	-	-	-	11,739

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,661	3,078	-	-	-	-	-	-	-	-	-	11,739
	Requested Funding Source												
	Partnership Funding	3,823	1,796	-	-	-	-	-	-	-	-	-	5,619
	Pay-As-You-Go	4,838	1,282	-	-	-	-	-	-	-	-	-	6,120
	Requested Funding Source	8,661	3,078	-	-	-	-	-	-	-	-	-	11,739

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,710	2,782	-	-	-	-	-	-	-	-	-	1,072
	Design	-	296	-	-	-	-	-	-	-	-	-	296
	Other Costs	10,371	-	-	-	-	-	-	-	-	-	-	10,371
	Total	8,661	3,078	-	-	-	-	-	-	-	-	-	11,739

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	86	86	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	86	86	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGH PARKS & OUTDOOR AQUATIC AMEN-RENEW**  
 PROFILE **12-28-7055**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,582</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,582</b>

**PROFILE DESCRIPTION**

The Neighbourhood Parks & Outdoor Aquatic Amenities - Renewal program provides funding to match community contributions for parks or outdoor aquatic amenities redevelopment. Community groups participate in park site development with labour and finances to provide park amenities such as trees, walks, lighting, benches, playground equipment and outdoor aquatic amenities. All play spaces and equipment have to be accessible to persons with disabilities. Maximum funding is described under the Neighbourhood Park Development Program (NPDP) and Outdoor Aquatic Amenities Program (OAS) program based on a matching partnership basis. The City provides required infrastructure work to support park development. Sixty percent of project costs are community funded, with the City funding typically around forty percent of the total project costs.

The need to rehabilitate, replace or renew recreational and park amenities such as playgrounds and water features is based largely on condition, but with capacity and functional consideration as well, and is generally initiated by the community as it matures. The approved NPDP and OAS programs have identified the funding needs required to adequately meet the parks and open space needs of the community and to assist in facilitating the construction of new park features within existing parks.

Each year the program intends to develop a number of projects: 10-11 Extensive, 3-4 Intermediate and 1 OAS. Program priorities are established based on safety considerations. Each project cost really varies pending on scope and scale of the development. Renewal park & outdoor aquatic amenities projects can range from \$250,000 to \$900,000, and are typically a 2 - 3 year process

2012-2014 Projects may include, but are not limited to:

North Glenora Playground, Riverdale Community Garden, McKernan Park, South Clareview Park, Westbrook Estates WP Retrofit, Hazeldean Playground, Lymburn St. Martha Playground, Highlands Park, Sherbrooke Playground, Lee Ridge Playground, Avonmore WP Retrofit and Playground, Beacon Heights WP Retrofit, Queen Alexandra WP Retrofit, Balwin Zoie Gardner Park and Wading Pool, Mayfield Playground, Ermineskin Park, Westwood Playground and Park, Cloverdale Park, Forest Heights Park, Kitchener Park, Parkallen Park, Spruce Avenue Park, Summerlea Playground, Kiniski Gardens Park, Callingwood Playground, Lymburn Playground, Westwood Wading Pool, Windsor Park, Woodcroft Wading Pool, Belvedere Park, Greenview Playground, Hillview Playground, Jubilee Park Playground, Kensington Spray Park, Lendrum Playground, Wedgewood Playground, Alberta Avenue Spray Deck, Baturyn Playground, Capilano Playground, Creeks Crossing Playground, Glengarry District Park Spray Deck, Grovenor Playground, Oliver School Playground

This program also funds the City Council Amenity program by providing \$100K per year.

#12-35: Increase partner funding of \$1,200k (2012-2014) to account for amount anticipated to be received.

#12-40: Transfer (\$195k) funding to 09-28-8001 to recover costs incurred in 2011.

#12-40: Transfer (\$205k) funding to complete projects started in 2011 that are linked to 09-28-8001.

**PROFILE JUSTIFICATION**

The need for recreational and park amenities such as playgrounds and water features changes over time and is generally initiated by the community as it matures. The approved NPDP and OAS programs have identified the funding needs required to adequately meet the parks and open space needs of the community, and to assist in facilitating the park features within existing parks. The renewed parks and outdoor aquatic amenities aid in keeping Edmonton a safe and clean city, provide for a partnership to improve environmental health, provide for citizens to be connected to their communities and have pride in their city.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer PAYG \$315k fr NPDP 12-28-7055 (renewal) to 12-28-7050 (new) for Hazeldean Redev. as it was originally linked to the NEW instead of Renewal profile

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neigh Parks & Outdoor Aquatic Amen-RENEW****FUNDED**PROFILE NUMBER: **12-28-7055**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,700	-	-	-	-	-	-	-	-	-	-	14,700
	2012 CBS Budget Adjustment	1,683	-	-	-	-	-	-	-	-	-	-	1,683
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-1,690	-	-	-	-	-	-	-	-	-	-	-1,690
	2014 Cap Carry Forward	-2,857	2,857	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	2,545	-	-	-	-	-	-	-	-	-	-	2,545
	2014 SCBA Transfers >\$250K<\$1M	-1,265	-	-	-	-	-	-	-	-	-	-	-1,265
	2014 SCBA Within Dept <\$250K	185	-	-	-	-	-	-	-	-	-	-	185
	2015 Cap Council	-	424	-	-	-	-	-	-	-	-	-	424
	Current Approved Budget	13,301	3,281	-	-	-	-	-	-	-	-	-	16,582
	Approved Funding Sources												
	Federal Grant	355	-	-	-	-	-	-	-	-	-	-	355
	Partnership Funding	4,820	1,485	-	-	-	-	-	-	-	-	-	6,305
	Pay-As-You-Go	8,126	1,796	-	-	-	-	-	-	-	-	-	9,922
	Current Approved Funding Sources	13,301	3,281	-	-	-	-	-	-	-	-	-	16,582

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	13,301	3,281	-	-	-	-	-	-	-	-	-	16,582
	Requested Funding Source												
	Federal Grant	355	-	-	-	-	-	-	-	-	-	-	355
	Partnership Funding	4,820	1,485	-	-	-	-	-	-	-	-	-	6,305
	Pay-As-You-Go	8,126	1,796	-	-	-	-	-	-	-	-	-	9,922
	Requested Funding Source	13,301	3,281	-	-	-	-	-	-	-	-	-	16,582

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,857	3,269	-	-	-	-	-	-	-	-	-	412
	Design	-	12	-	-	-	-	-	-	-	-	-	12
	Other Costs	16,158	-	-	-	-	-	-	-	-	-	-	16,158
	Total	13,301	3,281	-	-	-	-	-	-	-	-	-	16,582

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	61	61	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DIST&CITY PARKS & OUTD AQUAT AMEN RENEW**  
 PROFILE: **12-28-7070**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,307</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,307</b>

**PROFILE DESCRIPTION**

The District & City Parks and Outdoor Aquatic Amenities renewal program provides funding to match partnership contributions for redevelopment of parks and outdoor aquatic amenities on district or city level parks. Partner groups participate in park site development with labour and finances to provide park amenities such as trees, walks, lighting, benches and playground equipment and outdoor aquatic amenities. All play spaces and equipment have to be accessible to persons with disabilities. The City provides required infrastructure work to support park development. Renewal projects for 2012-2014 Kinsmen Park and Hawrelak Park. The Hawrelak Beach Play area is a man-made beach and wading pool area with treated water to ensure health standards are maintained. This amenity will encompass 4,285 SqM, which is approximately the size of a soccer field. The beach area will allow for picnic tables, lounge chairs, and sand play for children. The wading pool will be approximately 150,000 gallons, with zero entry feature and 18 inches deep at the deepest point. The pool will be treated water, chlorinated or saltwater. It will require a filtration building. The service road to the pavilion will be re-aligned, and new pathways directing foot traffic to and from the amenity will be included in this project. Some utilities will be re-located to continue servicing the Heritage Festival in different locations.

Other supporting amenities include outdoor showers, minor changes to the existing skating pavilion, boardwalk and viewing deck, outdoor lockers, lighting, and outdoor bike racks.

The spray deck, expansion to the north public parking lot, and additional washroom and change room facilities closer to the beach will be considered if additional funding is supported.

Possible projects for 2015-2021 may include, but is not limited to Laurier Park, Gold Bar Park, and Rundle Park

**PROFILE JUSTIFICATION**

The District & City Parks and Outdoor Aquatic Amenities - renewal program provides funding to match partnership contributions for redevelopment of parks and outdoor aquatic amenities on district or city level parks. Renewal of the parks and outdoor aquatic amenities aid in keeping Edmonton a safe and clean city, provide for partnership to improve environmental health, allows citizens to be connected to their communities, have pride in their city, provides for accessibility for all, and provides for healthier families through the replacement of amenities that are at the end of their useful or functional life.

City Council directed administration to study the feasibility of a beach play area in Hawrelak Park. Although the intent was to have public swimming in the lake, it was clear that the cost of maintaining water quality to meet public health safety standards would be prohibitive. Administration pursued the concept for a man-made beach and wading pool adjacent to the lake to create a realistic lake side setting.

The Outdoor Aquatic Strategy supports more development of outdoor water play areas within the City and river valley. The concept of a man made beach play area is new within the City of Edmonton and will be a unique play environment and amenity that will be well used by citizens, particularly young families.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Dist&City Parks & Outd Aquat Amen RENEW****FUNDED**PROFILE NUMBER: **12-28-7070**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,607	-	-	-	-	-	-	-	-	-	-	3,607
	2012 CBS Budget Adjustment	-1,203	-	-	-	-	-	-	-	-	-	-	-1,203
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,128	-	-	-	-	-	-	-	-	-	-	1,128
	2014 Cap Carry Forward	-2,788	2,788	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	-225	-	-	-	-	-	-	-	-	-	-	-225
	Current Approved Budget	519	2,788	-	-	-	-	-	-	-	-	-	3,307
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	497	2,650	-	-	-	-	-	-	-	-	-	3,147
BUDGET REQUEST	Partnership Funding	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	22	138	-	-	-	-	-	-	-	-	-	160
	Current Approved Funding Sources	519	2,788	-	-	-	-	-	-	-	-	-	3,307

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	519	2,788	-	-	-	-	-	-	-	-	-	3,307
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	497	2,650	-	-	-	-	-	-	-	-	-	3,147
	Partnership Funding	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	22	138	-	-	-	-	-	-	-	-	-	160
	Requested Funding Source	519	2,788	-	-	-	-	-	-	-	-	-	3,307

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,788	2,788	-	-	-	-	-	-	-	-	-	-
	Other Costs	3,307	-	-	-	-	-	-	-	-	-	-	3,307
	Total	519	2,788	-	-	-	-	-	-	-	-	-	3,307

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	182	182	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	182	182	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKS CONSERVATION**  
 PROFILE: **12-28-8510**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **McRae H.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,204</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,204</b>

**PROFILE DESCRIPTION**

This program provides funds for the repair and/or refurbishment to City owned parks and park amenities. The projects undertaken within the program extend the life of existing capital assets within the parks system. Examples of projects include landscape rehabilitation, parks amenities replacement, bridges or retaining wall repairs to deal with structural stability, park area drainage system, infrastructure corrections or replacement, tennis court or irrigation system rehabilitation, park and City entrance signage, and disabled access retrofits. The City of Edmonton parks and park amenities have condition, functional and safety assessments that are used as the basis for reconstruction or replacement in order meet the park user program requirements and safety. Parks and parks amenities not in good condition can lead to programming, scheduling, potential injury of park or school participants, and closures.

Projects from this composite are small to medium scale projects. Under the program guidelines, projects cost generally in the range of \$15,000 up to \$200,000. Thirty to fifty projects are completed per year.

Projects for 2012-2014 may include, but is not limited to:

Beaver Hills Park - wall/turf  
 Beverly Heights - Lot fence  
 Borden Park - tennis courts  
 Various Cemeteries - bench replacements, monument restorations, turf restoration  
 Various Quarter Mile Tracks  
 Heritage Amphitheatre - walkways, tree roots  
 Railtown - garbage receptacles  
 Various Golf courses - fairway drainage, gates, pathways, tee boxes, etc

#13-30: 2012 Disaster Funding approval in the amount \$320k has been received for 6 park projects involving damages from 2012 heavy rainfalls. Projects include bank and trail erosion repairs, railing and bridge abutment repairs. These projects require design work prior to construction. This funding cover 100% of cost as approved, any additional costs would be from approved funds within this composite. \$320 Prov Grant.

#13-37: To consolidate River Valley Trail Work under one profile (UAR). \$400 transfer from 12-28-8510 to 12-28-3001.

**PROFILE JUSTIFICATION**

The need for Parks Conservation is as follows:

- Ensuring the park and park amenities meet safety and legislative requirements
- Avoiding service reductions or closures by renewing assets prior to the end of the life cycle
- Reduced park user injuries by both children and adults
- Extends the life of an asset to reduce ongoing maintenance costs that are more costly at this stage of the maintenance life cycle
- Increases utilization or accessibility of the parks amenities
- Provides for good customer service and quality of experience in park areas
- Benefits the economy or supports partnership investment in the park amenities or use of
- Supports Council directions and reduces citizen complaints

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer \$100k PAYG from 12-28-8510 to 13-28-4151 Hawrelak Park for unexpected costs with lake remediation.

2014 Fall SBA: Transfer \$205k PAYG from 12-28-8510 to 12-28-6050 for Fox Farms demolition and re-naturalization

2015 Feb 3 (BM#1): Transfer funding \$19K to 12-66-1950 Landslide & Trail Erosion Repairs to cover the additional costs for the instrumentation equipment installation and monitoring that inform the design solutions and requirements.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Parks Conservation****FUNDED**PROFILE NUMBER: **12-28-8510**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,829	-	-	-	-	-	-	-	-	-	-	4,829
	2012 CBS Budget Adjustment	-1,140	-	-	-	-	-	-	-	-	-	-	-1,140
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	996	-	-	-	-	-	-	-	-	-	-	996
	2014 Cap Carry Forward	-1,409	1,409	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-70	-	-	-	-	-	-	-	-	-	-	-70
	2014 SCBA Transfers >\$250K<\$1M	-305	-	-	-	-	-	-	-	-	-	-	-305
	2014 SCBA Within Branch	-21	-	-	-	-	-	-	-	-	-	-	-21
	2014 SCBA Within Dept <\$250K	-66	-	-	-	-	-	-	-	-	-	-	-66
	2015 Cap Capital Budget Adj (one-off)	-	-19	-	-	-	-	-	-	-	-	-	-19
	Current Approved Budget	2,814	1,390	-	-	-	-	-	-	-	-	-	4,204
	Approved Funding Sources												
	Other Grants - Provincial	108	212	-	-	-	-	-	-	-	-	-	320
	Pay-As-You-Go	2,706	1,178	-	-	-	-	-	-	-	-	-	3,884
	Current Approved Funding Sources	2,814	1,390	-	-	-	-	-	-	-	-	-	4,204

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,814	1,390	-	-	-	-	-	-	-	-	-	4,204
	Requested Funding Source												
	Other Grants - Provincial	108	212	-	-	-	-	-	-	-	-	-	320
	Pay-As-You-Go	2,706	1,178	-	-	-	-	-	-	-	-	-	3,884
	Requested Funding Source	2,814	1,390	-	-	-	-	-	-	-	-	-	4,204

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,409	1,390	-	-	-	-	-	-	-	-	-	-19
	Other Costs	4,223	-	-	-	-	-	-	-	-	-	-	4,223
	Total	2,814	1,390	-	-	-	-	-	-	-	-	-	4,204

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SPORTS FIELDS RENEWAL**  
 PROFILE: **12-28-8515**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,315</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,315</b>

**PROFILE DESCRIPTION**

The Sports Fields renewal program provides funding to repair/refurbish worn out and heavily used neighbourhood and district sports fields, to repair/replace aging sports fixtures as necessary, and to re-align overlapping sites to current non-overlapping design guidelines wherever practical. Specific elements which may be addressed in this program include regarding, resodding, resolving drainage problems, relocation of goal posts and backstops, and irrigation upgrades. Sports fields for renewal are selected using the assessed degree of deterioration of the field plus the amount of usage. Realignment is done on the basis of need as expressed by the sports field users, and in some instances, based on the safety of the users and public. The cost of the projects are approximately \$500,000 to \$600,000 annually to complete on average 10-15 projects per year.

Sports Field Realignment Projects for 2012-2014 may include, but is not limited to:

Forest Heights School, St. Brendan School, Hardisty School, Windsor Park School, St. Andrews School, Westlawn School, Belvedere School, Bellevue School, Oliver School, St. Boniface School, D.S. MacKenzie School, Joseph Moreau School, Vernon Barford/Westbrook School, Norwood School, Confederation Park

Irrigation Repairs and Upgrades for 2012-2014 may include, but is not limited to:

Queen Elizabeth High School, Eastglen High School, Kaskitayo Park, Poplar Park, Archbishop O'Leary High School, M.E. LaZerte High School, Victoria High School, Rosslyn School, Jasper Place Jubilee Park, Lillian Osbourne High School, Dickinsfield School, J.C. Bowen Park/St. Olga Park

Re-grades, other for 2012-2014 may include, but is not limited to:

Father Michael Troy School  
Sir John Thompson School, Britannia School

Other future projects:

South Side Soccer Centre, Ramsey, sister Annata Brockman, Glastonbury Park, Good Shepard/S. Bruce Smith Schools, Ellerslie, McNally High School, Leger, Henderson, Mount Pleasant

#12-40: Transfer (\$150k) funding for the Rollie Miles project to 09-28-3001.

**PROFILE JUSTIFICATION**

The Sports Fields renewal program was developed to renew sports field sites to meet requirements of the field layout standards, to deal with safety and functional problems, and to deal with assessed conditions.

The Sports Fields renewal program provides for:

- Fields that are in good playing condition
- Fields that are positioned to reduce overlap and conflicts between various sport field users on a park or school site
- Improve or develop buffers to adjacent residents if conflicts persist
- Reduced sport injuries by both children and adults
- Redeveloped fields to meet the latest sport standards for park and field users
- Increased participation and ability to book more fields at one time on a park site

**CHANGES TO APPROVED PROFILE**

Transfer \$206k from Sports Field Conservation 12-28-8515 to 13-28-4010 Ambleside Main Service Yard. Tender came in higher than available budget in profile. Scope reduction was made and no further adjustments can be achieved.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sports Fields Renewal****FUNDED**PROFILE NUMBER: **12-28-8515**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,798	-	-	-	-	-	-	-	-	-	-	1,798
	2012 CBS Budget Adjustment	-133	-	-	-	-	-	-	-	-	-	-	-133
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-122	-	-	-	-	-	-	-	-	-	-	-122
	2014 Cap Capital Budget Adj (one-off)	-206	-	-	-	-	-	-	-	-	-	-	-206
	2014 Cap Carry Forward	-251	251	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-15	-	-	-	-	-	-	-	-	-	-	-15
	2014 SCBA Within Branch	-7	-	-	-	-	-	-	-	-	-	-	-7
	Current Approved Budget	1,064	251	-	-	-	-	-	-	-	-	-	1,315
	Approved Funding Sources												
	Pay-As-You-Go	1,064	251	-	-	-	-	-	-	-	-	-	1,315
	Current Approved Funding Sources	1,064	251	-	-	-	-	-	-	-	-	-	1,315

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,064	251	-	-	-	-	-	-	-	-	-	1,315
	Requested Funding Source												
	Pay-As-You-Go	1,064	251	-	-	-	-	-	-	-	-	-	1,315
	Requested Funding Source	1,064	251	-	-	-	-	-	-	-	-	-	1,315

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-251	251	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,315	-	-	-	-	-	-	-	-	-	-	1,315
	Total	1,064	251	-	-	-	-	-	-	-	-	-	1,315

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PLAYGROUND CONSERVATION**  
 PROFILE: **12-28-8520**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Brenneis L.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,148</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,148</b>

**PROFILE DESCRIPTION**

The Playground Conservation program provides funding for the repair of play equipment, play settings, wading pools and spray decks that are in need of urgent repairs. The condition of this inventory is assessed regularly, and program priorities are established based on safety considerations and condition rating. The repairs restore playgrounds, wading pools and spray decks to an acceptable standard for continued usage and safety. Repairs includes the removal of rotten timbers, replacing support beams, repairing curbing, replacing benches, replacing damaged swings and slides, drainage, and adding sand to the site. All repairs undertaken conform to department safety standards and practices.

Locations for 2012-2014 Projects to include, but is not limited to: Inglewood School Playground, Brightview Community Playground, Lymburn School Playground, The Hamptons Playground, Baturyn Park Playground, Crestwood Community Playground, Jasper Park Playground, Lauderdale Community Playground, Laurier Heights Schol Playground, High Park School Playground, North Glenora Community Playground, Arthur Elliott Playground, Meadowlark Community Playground, Bannerman School Playground, Mee Yah Noh School Playground, Sifton School Playground, Montrose School Playground, Newton School Playground, McLeod Playground, Elizabeth Seton Playground, Parkdale School Playground, Oliver School Playground, Lago Lindo School Playground, Highlands Community League Playground, Beacon Heights School Playground, Evansdale School playground, Abbottsfield School Playground, Grandin School Playground, St. Alphonsus Playground, St. John's Bosco School Playground, Oliver School Playground, Duggan School Playground, Allendale School Playground, Kinross-Kerr Park Playground, King Edward School Playground Projects may change relevant to condition assessment.

Examples of Projects for 2015+, that may be moved into an earlier cycle due to condition assessment would include: Hawrelak Park Playground, McKernan Park Playground, Satoo Playground, Kameyosek Playground, Allen Gray Playground, Clara Tyner Playground, Sweetgrass School Playground, Kenilworth Community Playground, Lilliput Playground, Tipton Park Playground, Rutherford Park Playground, Ellingston Playground, Blackburne Park Playground

**PROFILE JUSTIFICATION**

The Playground Conservation program was developed to extend the life, and to address safety concerns of existing City of Edmonton playgrounds. This program addresses code changes, unsafe equipment and worn out play features. This program does not address ongoing maintenance issues but rather larger issues that can not be addressed through the regular operating budget of the branch. The department undertakes repairs in areas where neighbourhood play needs remain high, but community sponsorship is not in place for total redevelopment or retrofit.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Playground Conservation****FUNDED**PROFILE NUMBER: **12-28-8520**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,158	-	-	-	-	-	-	-	-	-	-	1,158
	2012 CBS Budget Adjustment	-4	-	-	-	-	-	-	-	-	-	-	-4
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-6	-	-	-	-	-	-	-	-	-	-	-6
	2014 Cap Carry Forward	-77	77	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	1,071	77	-	-	-	-	-	-	-	-	-	1,148
	Approved Funding Sources												
	Partnership Funding	10	-	-	-	-	-	-	-	-	-	-	10
APPROVED FUNDING SOURCES	Pay-As-You-Go	1,061	77	-	-	-	-	-	-	-	-	-	1,138
	Current Approved Funding Sources	1,071	77	-	-	-	-	-	-	-	-	-	1,148

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,071	77	-	-	-	-	-	-	-	-	-	1,148
	Requested Funding Source												
	Partnership Funding	10	-	-	-	-	-	-	-	-	-	-	10
	Pay-As-You-Go	1,061	77	-	-	-	-	-	-	-	-	-	1,138
	Requested Funding Source	1,071	77	-	-	-	-	-	-	-	-	-	1,148

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-77	77	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,148	-	-	-	-	-	-	-	-	-	-	1,148
	Total	1,071	77	-	-	-	-	-	-	-	-	-	1,148

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **AMBLESIDE MAIN SERVICE YARD**  
 PROFILE: **13-28-4010**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	McRae H.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	806
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	806
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**PROFILE DESCRIPTION**

This profile represents a funding request to help develop a service yard at the Ambleside Integrated Site in SW Edmonton. The yard in Ambleside will be developed into a main office and fully functioning operations yard. This profile will increase the optimal operational coverage for the Southwest District and result in immediate operational cost savings. In addition, this profile will mitigate the impact Walterdale bridge construction will have on operational effectiveness as current staff are deployed from the downtown location (O'Keefe's yard), via a narrow two way access on Fort Hill Road, to support operations in the southwest district. The site will serve the newer suburban areas in the southwest district.

The funding will include purchase of an office/washroom trailer, small equipment storage facilities, perimeter fence and gravel surface.

Benefits to be realized:

There are significant net savings to be realized just from having some staff deployed from a new yard in Ambleside:

- Improved cost efficiency in turf mowing
- Improved cost efficiency in other parks operations working out of yards further north
- Improved quality of service
- Improved staff safety as travel distance is reduced

**PROFILE JUSTIFICATION**

Existing and future rapid urban growth in the southwest sector of the city is resulting in increased service needs from increased physical inventory to maintain and from increased need for recreation services and programs to the community. Equipment travel times and the number of issues to be addressed are magnified due to the physical growth as crews are deployed from O'Keefe's Yard and Rainbow Yard both north of the Whitemud Drive. These increased requirements necessitate an operational response that addresses the greater volume of work and ensures standard and quality are maintained at greater distances from existing yards. It is anticipated that the proposed plan will enable better and timelier service delivery to the citizens (stakeholders) in southwest Edmonton by reducing travel times and provide an opportunity cost saving for this service area. Any safety and travel delays resulting from Walterdale bridge construction, as traffic is rerouted through residential area, will be eliminated including the reduction of the amount of time small equipment is exposed to traffic on the roads. A positive impact of balancing service delivery with effective management is the main outcome. Ambleside yard will reduce travel times and provide an opportunity cost saving for its service area. Conservatively estimated immediate annual cost savings of over \$150K will be realized that will eliminate the need for existing/higher costs required (i.e. hiring more staff or paying over-time) to maintain current service levels. Operational costs will be minimal (<\$ 5K - utilities) and will be absorbed by savings. Operating impact of this profile is estimated to be zero.

The land has already been acquired by Parks for \$1.2 million dollars in 2012 and added to Neighbourhoods, Parks, and Community Recreation inventory. (The land is serviced for all required utilities and the costs of connections for these utilities are included.)

Future capital development requirements, to complete the project, will be submitted through the annual capital budget processes as part of the 2015-2017 CPP budget cycle. (Currently identified through the Draft Capital Investment Agenda and estimated at \$15 million.)

This profile achieves the following outcomes.

This project supports the outcome of a safe and clean city and complete collaborative communities that are accessible, strong, and inclusive with access to a full range of services. It also supports The Way We Live - Goal 6: Edmonton is a sustainable city.

The project also supports The Way We Green's outcomes where the impact of City operations on air, land and water systems is minimized and Edmonton strives to be a leader in environmental advocacy, stewardship, preservation and conservation.

**CHANGES TO APPROVED PROFILE**

Transfer \$206k from Sports Field Conservation 12-28-8515 to 13-28-4010 Ambleside Main Service Yard. Tender came in higher than available budget in profile. Scope reduction was made and no further adjustments can be achieve (2014-GM28-0017).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Ambleside Main Service Yard****FUNDED**PROFILE NUMBER: **13-28-4010**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	600	-	-	-	-	-	-	-	-	-	-	600
	2014 Cap Capital Budget Adj (one-off)	206	-	-	-	-	-	-	-	-	-	-	206
	2014 Cap Carry Forward	-116	116	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	690	116	-	-	-	-	-	-	-	-	-	806
	Approved Funding Sources												
	Pay-As-You-Go	690	116	-	-	-	-	-	-	-	-	-	806
	Current Approved Funding Sources	690	116	-	-	-	-	-	-	-	-	-	806

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	690	116	-	-	-	-	-	-	-	-	-	806
	Requested Funding Source												
	Pay-As-You-Go	690	116	-	-	-	-	-	-	-	-	-	806
	Requested Funding Source	690	116	-	-	-	-	-	-	-	-	-	806

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-116	116	-	-	-	-	-	-	-	-	-	-
	Other Costs	806	-	-	-	-	-	-	-	-	-	-	806
	Total	690	116	-	-	-	-	-	-	-	-	-	806

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL WOODS SATELLITE SERVICE YARD**  
 PROFILE: **13-28-4011**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **McRae H.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2014**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>700</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>700</b>

**PROFILE DESCRIPTION**

This profile will help support and sustain the current service levels for southeast district by supporting the re-establishment of the satellite yard in Millwoods District Park where construction of the Mill Woods pavilion (as identified under 12-28-1001 Park Renewal Profile) has just begun on the site of the existing yard. This funding will cover the costs of an office/washroom trailer, construction of a previously purchased garage package, and provision of power to the site.

Benefits to be realized:

There are continual operational savings by having staff deployed from current location:

- Improved cost efficiency in turf mowing
- Improved cost efficiency in other parks operations working out of satellite yards
- Improved quality of service
- Improved working conditions

**PROFILE JUSTIFICATION**

This development will help sustain current service levels for southeast district. Construction of the Mill Woods pavilion on the current yard site necessitates moving the operation to this new location. Other yard locations are currently operating at capacity and no viable options for yard location exist at this time. It is critical to note that a substantial investment has already been made in the relocation of this yard operation to facilitate the development of the Mill Woods Pavilion, which is currently underway.

To date, the following investments have already been made at the new Mill Woods Yard location: fully paving the site / fully fencing the site / fully lighting the site / conducting an environmental assessment and building a fuel station (gasoline and diesel). As well, the site has several storage sheds and a garage package has been purchase but not erected at the site. Operational costs and operating impacts of this profile are estimated to be zero.

- Costs associated with the connections for utilities are included in the project costing.
- The land required for this profile has been acquired.
- Future capital development requirements, to complete the full development, will be submitted through the annual capital budget processes as part of the 2015-2017 CPP budget cycle. (Currently identified through the Draft Capital Investment Agenda and estimated at \$2 million.)

This profile achieves the following outcomes.

This project supports the outcome of a safe and clean city and complete collaborative communities that are accessible, strong, and inclusive with access to a full range of services. It also supports The Way We Live - Goal 6: Edmonton is a sustainable city.

The project also supports The Way We Green's outcomes where the impact of City operations on air, land and water systems is minimized and Edmonton strives to be a leader in environmental advocacy, stewardship, preservation and conservation.

**CHANGES TO APPROVED PROFILE**

2014-CM-020: Tsf \$300k fr 12-28-3001 Utilities & Access to 13-28-4011 Mill Woods Satellite Yard to fund increase in tender price.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Woods Satellite Service Yard****FUNDED**PROFILE NUMBER: **13-28-4011**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	400	-	-	-	-	-	-	-	-	-	-	400
	2014 Cap Capital Budget Adj (one-off)	300	-	-	-	-	-	-	-	-	-	-	300
	2014 Cap Carry Forward	-587	587	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	113	587	-	-	-	-	-	-	-	-	-	700
	Approved Funding Sources												
	Pay-As-You-Go	113	587	-	-	-	-	-	-	-	-	-	700
	Current Approved Funding Sources	113	587	-	-	-	-	-	-	-	-	-	700

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	113	587	-	-	-	-	-	-	-	-	-	700
	Requested Funding Source												
	Pay-As-You-Go	113	587	-	-	-	-	-	-	-	-	-	700
	Requested Funding Source	113	587	-	-	-	-	-	-	-	-	-	700

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-287	587	-	-	-	-	-	-	-	-	-	300
	Other Costs	400	-	-	-	-	-	-	-	-	-	-	400
	Total	113	587	-	-	-	-	-	-	-	-	-	700

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WILLIAM HAWRELAK PARK LAKE REDEVELOPMENT**  
 PROFILE: **13-28-4151**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Brenneis L.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2013**

ESTIMATED COMPLETION: **December, 2015**

Service Category: **Parks**

Major Initiative:

**GROWTH**

**RENEWAL**  
**100**

PREVIOUSLY APPROVED:

**1,705**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**1,705**

**PROFILE DESCRIPTION**

William Hawrelak Park Lake requires repairs to the clay liner and lake draining system. Achieving depth requirements for triathlon events results in flooding of the sub-floor sump and HVAC duct system of the Park Pavilion. Remediation efforts include draining the lake, removal of sludge layer and repair of the liner. In order to meet International Triathlon Union (ITU) technical requirements, a defined swimming track will be constructed which can be operated under non-flooding conditions. Other work includes a hard surface run-in for athletes and removal of concrete piers no longer used. Triathlon events use the park road and parking areas for running and cycling race components and as such, repairs are required and will be funded by the Utility Access & Renewal composite CPP 12-28-3001 in 2014.

#13-30: To fund the lake improvements required for the International Triathlon Union 2014 Event \$1,232.

**PROFILE JUSTIFICATION**

- Corporate Outcomes this project support the following:
1. The Way We Live - Edmonton is a Vibrant, Connected, Engaged and Welcoming Community; and Edmonton Celebrates Life.
  2. The Way We Prosper - Edmonton has a Confident and Progressive Global Image; and Edmonton is a Vibrant, Livable City.

Edmonton has been chosen to host the 2014 ITU World Triathlon Grand Final event, which will host up to 6000 athletes. This will provide for an extensive media reach with over 21 million television viewers, and is expected to bring an economic impact of \$16 M to Edmonton. Remediation will repair existing problems, address ITU technical requirements for this and other triathlon events, and better position Edmonton for future ITU events. In the long term, hosting an event such as this will further establish Edmonton as the home of triathlon in Canada and continue to build Edmonton's international reputation as an outstanding host city.

**CHANGES TO APPROVED PROFILE**

2014 Fall SBA: Transfer \$100k PAYG from 12-28-8510 to 13-28-4151 Hawrelak Park for unexpected costs with lake remediation.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **William Hawrelak Park Lake Redevelopment****FUNDED**PROFILE NUMBER: **13-28-4151**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,472	-	-	-	-	-	-	-	-	-	-	1,472
	2014 Cap Carry Forward	120	-120	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	100	-	-	-	-	-	-	-	-	-	-	100
	2015 Cap Administrative	-	133	-	-	-	-	-	-	-	-	-	133
	Current Approved Budget	1,692	13	-	-	-	-	-	-	-	-	-	1,705
	Approved Funding Sources												
	Pay-As-You-Go	1,692	13	-	-	-	-	-	-	-	-	-	1,705
	Current Approved Funding Sources	1,692	13	-	-	-	-	-	-	-	-	-	1,705

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,692	13	-	-	-	-	-	-	-	-	-	1,705
	Requested Funding Source												
	Pay-As-You-Go	1,692	13	-	-	-	-	-	-	-	-	-	1,705
	Requested Funding Source	1,692	13	-	-	-	-	-	-	-	-	-	1,705

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	120	13	-	-	-	-	-	-	-	-	-	133
	Other Costs	1,572	-	-	-	-	-	-	-	-	-	-	1,572
	Total	1,692	13	-	-	-	-	-	-	-	-	-	1,705

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKS AMENITY AND BENCHMARK PROGRAM**  
 PROFILE: **13-28-8055**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Heather McRae**  
 LEAD BRANCH MANAGER: **Heather McRae**  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>366</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>366</b>

**PROFILE DESCRIPTION**

The Parks Amenity Program can be accessed by the Mayor and Councillors to provide minor park amenities on parkland to improve community outdoor amenities and promote urban wellness. Eligible items include trees, benches, picnic tables and aggregate garbage containers. The Benchmark program offers individuals and groups the opportunity to honor friends or loved ones, or to celebrate special events.

**PROFILE BACKGROUND**

The Benchmark Program and City Council Parks Amenity Program provide small park amenities on neighbourhood parkland and have been combined into one profile to better manage project implementation and meet Tangible Capital Asset Legislation.

**PROFILE JUSTIFICATION**

The Benchmark Program (operating budget 2013 and prior) and the City Council Parks Amenity Program (capital budget-NPDP-2012 and Operating budget 2011) have been combined into this one new profile to better manage the implementation of the projects and allow the City to capitalize the assets as required by Tangible Capital Asset legislation.

**STRATEGIC ALIGNMENT**

The Parks Amenity Benchmark Program contributes to the strategic direction and outcomes of The Way Ahead, The Way We Live, The Way We Grow, the Urban Parks Management Plan.

**ALTERNATIVES CONSIDERED**

Applicants could submit park amenity projects for a basic funding application through the Neighbourhood Park Development Program. The decision for allocation would be made through current process rather than by the Councillors and Mayor.

**COST BENEFITS**

Tangible Benefits: the partners fund the benchmark program. Increased park visitation and increased sustainability of parks.  
Intangible Benefits: healthier citizens, quality of parks experience is improved & increased civic pride.

Costs: The Parks Amenity Benchmark Program is requesting \$180K. \$100K will be contributed by the City & \$80K by partners. It is anticipated there will be 70 projects in 2014. Operating Impacts are: \$10K per year

**KEY RISKS & MITIGATING STRATEGY**

Each individual project within the Composite Profile has individual risks. Overall risks include timing, escalating costs and budget limitations. Each project will have a clear scope that meets the budget and schedule to reduce these risks.

**RESOURCES**

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. The amenities will be maintained by the COE, CS will follow the Human Resource Management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

The Parks Amenity Benchmark Program is a way neighbourhood parks are enhanced and used by the public. In order to continue to develop great public spaces and leverage community partner funds, it is recommended that this request is fully funded.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Parks Amenity and Benchmark Program****FUNDED**PROFILE NUMBER: **13-28-8055**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	183	-	-	-	-	-	-	-	-	-	-	183
	2014 Cap Carry Forward	-25	25	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-73	-	-	-	-	-	-	-	-	-	-	-73
	2014 SCBA >\$1MM or New	256	-	-	-	-	-	-	-	-	-	-	256
	Current Approved Budget	341	25	-	-	-	-	-	-	-	-	-	366
	Approved Funding Sources												
	Partnership Funding	183	-	-	-	-	-	-	-	-	-	-	183
APPROVED FUNDING SOURCES	Pay-As-You-Go	158	25	-	-	-	-	-	-	-	-	-	183
	Current Approved Funding Sources	341	25	-	-	-	-	-	-	-	-	-	366

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	341	25	-	-	-	-	-	-	-	-	-	366
	Requested Funding Source												
	Partnership Funding	183	-	-	-	-	-	-	-	-	-	-	183
	Pay-As-You-Go	158	25	-	-	-	-	-	-	-	-	-	183
	Requested Funding Source	341	25	-	-	-	-	-	-	-	-	-	366

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-98	25	-	-	-	-	-	-	-	-	-	-73
	Other Costs	439	-	-	-	-	-	-	-	-	-	-	439
	Total	341	25	-	-	-	-	-	-	-	-	-	366

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKS FLEET PURCHASING**  
 PROFILE: **14-28-4004**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Heather McRae**  
 LEAD BRANCH MANAGER: **Heather McRae**  
 ESTIMATED START: **January, 2014**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,030</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,030</b>

**PROFILE DESCRIPTION**

The Neighbourhood, Parks and Community Recreation Branch requires additional equipment to fully maintain the existing inventory and address future needs.

**PROFILE BACKGROUND**

Neighborhoods, Parks, and Community Recreation Branch did not access capital budget growth funding for the current period of 2012 - 2014. Higher than expected inventory growth is affecting the continuance of existing service levels.

**PROFILE JUSTIFICATION**

The Neighbourhood, Parks and Community Recreation Branch did not budget for fleet growth in 2012 - 2014 budget cycle. This has resulted in a gap in fleet requirements in relation to the available equipment required to complete the work.

**STRATEGIC ALIGNMENT**

This project aligns with and contributes to the City of Edmonton's strategic directions outlined in The Way We Live and The Way We Green.

**ALTERNATIVES CONSIDERED**

Some of the units identified for purchase have been rented in the past. The ongoing rental costs, for these units, have been very high. In addition, some of the units on the list are specialized, and not available for rent.

**COST BENEFITS**

Tangible Benefits: Ability to meet the ongoing NPCR Branch work-plans. Provide a cost-effective means of fleet optimization methodology. Support "The Way We Green" initiative. Intangible Benefits: Provision of safe parks and facility amenities. Reinforcement of ongoing citizen satisfaction of parks and facility services. Ongoing costs: will be focused on typical fleet maintenance and replacement costs associated with all the equipment.

**KEY RISKS & MITIGATING STRATEGY**

Key risks are related to delays in purchasing of identified equipment as it will limit the success of maintaining inventory to optimal levels in 2014.

**RESOURCES**

Resourcing - Purchasing will be coordinated by Fleet Services. Projects are already under way.

**CONCLUSIONS AND RECOMMENDATIONS**

Conclusion - identified units should be purchased through the transfer of operating funds of 1 million from the operating to the capital budget.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Parks Fleet Purchasing****FUNDED**PROFILE NUMBER: **14-28-4004**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-621	621	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	2014 SCBA Within Branch	30	-	-	-	-	-	-	-	-	-	-	30
	Current Approved Budget	409	621	-	-	-	-	-	-	-	-	-	1,030
	Approved Funding Sources												
	Pay-As-You-Go	409	621	-	-	-	-	-	-	-	-	-	1,030
	Current Approved Funding Sources	409	621	-	-	-	-	-	-	-	-	-	1,030

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	409	621	-	-	-	-	-	-	-	-	-	1,030
	Requested Funding Source												
	Pay-As-You-Go	409	621	-	-	-	-	-	-	-	-	-	1,030
	Requested Funding Source	409	621	-	-	-	-	-	-	-	-	-	1,030

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-621	621	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,030	-	-	-	-	-	-	-	-	-	-	1,030
	Total	409	621	-	-	-	-	-	-	-	-	-	1,030

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PAUL KANE PARK**  
 PROFILE: **15-28-1100**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:
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GROWTH	RENEWAL
10	90

PREVIOUSLY APPROVED:	3,288
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,288
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**PROFILE DESCRIPTION**

The ornamental pond at Paul Kane Park needs upgrades to meet revised Alberta Public Health Act regulations and Alberta Health Services standards. Recommendations and development of options for park users to continue actively enjoying the water are needed.

**PROFILE BACKGROUND**

The ornamental pond at Paul Kane Park is often used for wading and needs upgrades to meet Alberta Health Services standards and Alberta Public Health Act regulations. Site assessment has occurred; design work and site renewal are needed for safe water interaction.

**PROFILE JUSTIFICATION**

Current Alberta Health Services water quality guidelines must be met, and user safety from contaminants and existing/proposed infrastructure must be considered. The community has a strong connection with the existing water feature.

**STRATEGIC ALIGNMENT**

Renewal of Paul Kane Ornamental Pond contributes to the strategic direction and outcomes of The Way Ahead, The Way We Live, and the Urban Parks Management Plan by contributing to outstanding parks and public spaces for citizens.

**ALTERNATIVES CONSIDERED**

To prevent permanent closure of the ornamental pond by Alberta Health Services, the City explored options for regulatory compliance. Several options for renewal of the ornamental pond were explored, ranging in work required, cost and end product.

**COST BENEFITS**

Tangible Benefits: increased park visitation; increased/improved amenities; regulatory compliance.

Intangible Benefits: increased perception of neighbourhood safety; increased community pride in the park and the neighbourhood; increased quality of life.

**KEY RISKS & MITIGATING STRATEGY**

Due to updated health regulations, the ornamental pond at Paul Kane Park is at risk of being permanently shut down unless the City takes measures to ensure public health and safety.

**RESOURCES**

The project will be overseen by the City of Edmonton. The City seeks to purchase goods, services and construction fairly based on best value. All purchasing will adhere to the City's Procurement of Goods, Services and Construction directive.

**CONCLUSIONS AND RECOMMENDATIONS**

Renewal of the Paul Kane ornamental pond is recommended to receive capital funding in the 2015-2018 capital budget, to both revitalize this pocket park as well as to comply with provincial health regulations.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Paul Kane Park****FUNDED**PROFILE NUMBER: **15-28-1100**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	525	1,831	912	20	-	-	-	-	-	-	3,288
	Current Approved Budget	-	525	1,831	912	20	-	-	-	-	-	-	3,288
	Approved Funding Sources												
	Pay-As-You-Go	-	525	1,831	912	20	-	-	-	-	-	-	3,288
	Current Approved Funding Sources	-	525	1,831	912	20	-	-	-	-	-	-	3,288

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	525	1,831	912	20	-	-	-	-	-	-	3,288
	Requested Funding Source												
	Pay-As-You-Go	-	525	1,831	912	20	-	-	-	-	-	-	3,288
	Requested Funding Source	-	525	1,831	912	20	-	-	-	-	-	-	3,288

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	1,831	717	-	-	-	-	-	-	-	2,548
	Design	-	525	-	-	-	-	-	-	-	-	-	525
	Equip FurnFixt	-	-	-	194	-	-	-	-	-	-	-	194
	Percent for Art	-	-	-	-	20	-	-	-	-	-	-	20
	Total	-	525	1,831	912	20	-	-	-	-	-	-	3,288

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DERMOTT DISTRICT PARK RENEWAL**  
 PROFILE: **15-28-1200**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Parks
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Major Initiative:	
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GROWTH
10

RENEWAL
90

PREVIOUSLY APPROVED:	5,344
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,344
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**PROFILE DESCRIPTION**

Park Renewal includes improved circulation and access, utility replacements, operational improvements, sports field renewal and additional amenities identified as high priorities by the community. Coordinated development opportunities for Council's consideration include 15-21-5820 Bonnie Doon Twin Arena, 15-21-4283 Leisure Centre Renewal, 2015-2018 Bonnie Doon Neighbourhood Renewal, and Valley Line LRT extension.

**PROFILE BACKGROUND**

Dermott District Park was officially named in December 2013 (formerly known as Bonnie Doon Campus Park). A long-term strategic approach to renew District Parks in mature neighbourhoods is provided through the District Park Renewal Program. The Program identified Dermott District Park as a priority based on an assessment of the park's physical condition, demand capacity and functionality. The Park Master Plan considers priorities to improve circulation and access, programs and services, utility replacements, address aging infrastructure, upgrade park amenities and support park operations.

**PROFILE JUSTIFICATION**

Supports The Way Ahead, The Way We Live, The Way We Grow, Urban Parks Management Plan and Recreation Facility Master Plan. Aligns with the Infrastructure Strategy to renew and upgrade the asset to contribute to the vitality and growth of its neighbourhoods. Renewal meets the corporate outcome: Attractive and compact physical design with diverse neighbourhoods, amenities and public open spaces.

**STRATEGIC ALIGNMENT**

The Park Renewal aligns corporate goals and outcomes: The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; and City Council's Infrastructure Strategy supporting long-term infrastructure investment.

**ALTERNATIVES CONSIDERED**

The Master Plan ensures Dermott District park continues to provide recreation opportunities, addresses its aging infrastructure, supports efficient parks operations and ensures connectivity and integration of all site developments.

**COST BENEFITS**

The Dermott District Park will ensure citizens of all ages, ethnicity and abilities will have access to and benefit from a wide range of recreational and leisure opportunities, reduce operation and maintenance costs, improve programs, services, infrastructure and safety. The value of well-maintained parks contributes to the economic, social, cultural and environmental health of the City.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

City of Edmonton seeks to purchase goods, services and construction fairly based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

The renewal is based on community needs and supports integration with planned facility developments. The renewal improves circulation, connectivity, aging infrastructure, program amenities and efficiencies to parks operations.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Dermott District Park Renewal****FUNDED**PROFILE NUMBER: **15-28-1200**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344
	Current Approved Budget	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	284	2,771	1,739	-	-	-	-	-	-	-	4,793
	Pay-As-You-Go	-	47	310	193	-	-	-	-	-	-	-	551
	Current Approved Funding Sources	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	284	2,771	1,739	-	-	-	-	-	-	-	4,793
	Pay-As-You-Go	-	47	310	193	-	-	-	-	-	-	-	551
	Requested Funding Source	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,048	1,932	-	-	-	-	-	-	-	4,980
	Design	-	315	-	-	-	-	-	-	-	-	-	315
	Percent for Art	-	16	33	-	-	-	-	-	-	-	-	49
	Total	-	331	3,081	1,932	-	-	-	-	-	-	-	5,344

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	AMBLESIDE SW DISTRICT OFFICE, MAINTENANCE YARD & FUEL SITE	<b>FUNDED</b>
PROFILE	15-28-4200	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Standalone
BRANCH:	Neighbourhoods	PROFILE MANAGER: Heather McRae
PROGRAM NAME:		LEAD BRANCH MANAGER: Heather McRae
LEAD BRANCH:	Neighbourhoods	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Parks	Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	24,698
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	24,698

**PROFILE DESCRIPTION**

This profile is for development of the Ambleside Site, including a new office and service yard for Neighbourhood, Parks and Community Recreation's (NPCR) southwest district and a new Fleet Services fuel site. Although some land has been purchased for the southwest district office and yard, more land is required to meet the requirements of the office and yard site and the fuel site. The SW NPCR District facility will consolidate office and yard space that is spread throughout the southwest and southeast districts. It will serve branch business lines including: recreation, social, parks and forestry activities; it will deploy operation units for horticulture, turf, vegetation management, sports fields, play spaces and forestry and beautification; and it will accommodate growth in services until the year 2035. Adding a fuel site to the south-west quadrant at Ambleside will relieve capacity restraints on area fuel sites and accommodate demands of the City's growing fleet.

**PROFILE BACKGROUND**

Currently the Neighbourhoods, Parks and Community Recreation's main office and parks maintenance yard serving southwest (SW) Edmonton is located outside of the SW quadrant. Similarly, there are no City owned fueling sites located in the SW. Development of the Ambleside site presents an opportunity to address the service needs of the SW, meet projected demands and relieve existing capacity restraints. A Parks Service Yards Location Planning Study (2009) recommended yard locations not exceed a 30 minute travel zone. The highest coverage deficiency is in SW district, which will continue to grow. Also, SW district staff are located in office spaces outside of the district. The decentralization of forestry into the districts adds to the needs. The closest fueling site to the SW Quadrant is located in the South-East Quadrant at the Davies Facility. To avoid all south-side service vehicles/equipment refueling and congesting the South-East site a new fuel site is proposed at Ambleside.

**PROFILE JUSTIFICATION**

The Ambleside Site will address the increased service needs resulting from rapid urban growth in the southwest sector of the site. Anticipated Outcomes:

- Better and timelier service delivery. The NPCR office and service yard will result in increased optimal operational coverage, cost savings and ability to address current service deficiencies. A positive impact of balancing service delivery with effective management is the main outcome
- The fuel site will ensure continued service to Fleet Clients and protection of the environment.
- Aligns with The Way Ahead, The Way We Live, Grow and Move.

**STRATEGIC ALIGNMENT**

Project aligns with the Way Ahead Corporate Outcome: The City has Well Managed and Sustainable Assets and Services. It also supports goals and objectives of The Way We Live, Grow and Green and the 2009 Parks Branch Service Yard Location Study.

**ALTERNATIVES CONSIDERED**

1) Continue with existing yard and fuel sites (operationally costly and unfavorable to the environment) 2) Lease a site (currently no leasing options available that meets the needs) 3) Develop Ambleside site (meets needs and some land is acquired).

**COST BENEFITS**

Tangible Benefits: 1) Operational savings due to routing efficiencies, closer proximity to fuel and elimination of lease charges; 2) Supports the demand and capacity of the growing southwest quadrant.  
Intangible Benefits: 1) Aligns with The Way Ahead; The Way We Live, Grow and Green; 2) Improved quality of service to citizens; 3) Environmental - lower emissions due to less travelling, less congestion and less idling at existing sites

**KEY RISKS & MITIGATING STRATEGY**

If project does not proceed, operating costs will continue to increase and the expectation of reserve fuel for Emergency Preparedness will not be met. Risk management framework will be applied to all project aspects.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The Ambleside Site will be operated by the City and will follow the Human Resource management policies and procedures.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

To address operational inefficiencies and ineffectiveness, development of a district office, service yard and fuel site within the boundaries of southwest Edmonton is required.

Recommendation: Develop the site at Ambleside as proposed.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Ambleside SW District Office, Maintenance Yard & Fuel Site****FUNDED**PROFILE NUMBER: **15-28-4200**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698
	Current Approved Budget	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	3,825	3,403	10,936	3,939	-	-	-	-	-	-	22,103
	Pay-As-You-Go	-	425	392	1,341	438	-	-	-	-	-	-	2,595
	Current Approved Funding Sources	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	3,825	3,403	10,936	3,939	-	-	-	-	-	-	22,103
	Pay-As-You-Go	-	425	392	1,341	438	-	-	-	-	-	-	2,595
	Requested Funding Source	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,340	11,983	3,813	-	-	-	-	-	-	19,136
	Design	-	1,290	441	169	-	-	-	-	-	-	-	1,899
	Equip FurnFixt	-	-	-	-	563	-	-	-	-	-	-	563
	Land	-	2,960	-	-	-	-	-	-	-	-	-	2,960
	Percent for Art	-	-	14	125	-	-	-	-	-	-	-	139
	Total	-	4,250	3,794	12,277	4,377	-	-	-	-	-	-	24,698

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Interdepartmental, Material &amp; Equipment, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Fleet Services	-	-	-	-	-	-	-	-	-	-	-	-	-	10	10	-
Neighbourhoods	-	300	300	2.5	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	300	300	2.5	-	-	-	-	-	-	-	-	-	10	10	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TERWILLEGAR HEIGHTS ARTIFICIAL TURF**  
 PROFILE: **15-28-5821**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Recreation & Culture
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	700
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	700
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**PROFILE DESCRIPTION**

This project includes completing the Design for a single artificial turf field, combo-sized with permanent FIFA soccer lines (105mx68m) and CFL football game lines with other lines painted as required. Includes sports field lighting, sound system, scoreboard, parking, spectator bleachers and team change rooms, concession, public washrooms and storage for equipment.

**PROFILE BACKGROUND**

The Terwillegar Heights Artificial Turf Facility, guided by the Artificial Turf Strategy, includes the design development of an artificial turf field and support amenities at the Terwillegar Heights District Park to support various sports and informal use. Design development in 2017 will support capital budget planning in the 2019 - 2022 budget cycle.

**PROFILE JUSTIFICATION**

Supports the Way's plans & outcomes, The Way We Live, Urban Parks Management Plan, Recreation Facility Master Plan & Artificial Turf Strategy; increases program opportunities with game play earlier and later in the season, multiple games throughout the day, playability in poor weather conditions.

**STRATEGIC ALIGNMENT**

Supports The Way's plans & outcomes, The Way We Live, Urban Parks Management Plan, Recreation Facility Master Plan & Artificial Turf Strategy; opportunities for game play earlier/later in the season, multiple games daily, playability in poor weather.

**ALTERNATIVES CONSIDERED**

Alternative is development of premier level natural turf fields. The Artificial Turf Strategy, suggests a combination of natural and artificial fields to support sport development and hosting of local, provincial, national and international events.

**COST BENEFITS**

A comprehensive design will support increased community access, participant safety, efficiencies in land use, increased ability to bid for events, reduced environmental impacts, cost savings for maintenance and utilities. Total project costs for the design is \$700K.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. The artificial turf facility will be operated by the Community Services and will follow the Human Resource Management policies and proc..

**CONCLUSIONS AND RECOMMENDATIONS**

The Artificial Turf Strategy recommendations identify Terwillegar Heights District Park as a priority location for an Artificial Turf Facility. Target usage levels have been met at all existing facilities supporting the need for a new facility.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Terwillegar Heights Artificial Turf****FUNDED**PROFILE NUMBER: **15-28-5821**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	700	-	-	-	-	-	-	-	700
	Current Approved Budget	-	-	-	700	-	-	-	-	-	-	-	700
	Approved Funding Sources												
	Pay-As-You-Go	-	-	-	700	-	-	-	-	-	-	-	700
	Current Approved Funding Sources	-	-	-	700	-	-	-	-	-	-	-	700

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	700	-	-	-	-	-	-	-	700
	Requested Funding Source												
	Pay-As-You-Go	-	-	-	700	-	-	-	-	-	-	-	700
	Requested Funding Source	-	-	-	700	-	-	-	-	-	-	-	700

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	-	700	-	-	-	-	-	-	-	700
	Total	-	-	-	700	-	-	-	-	-	-	-	700

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	199	199	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>199</b>	<b>199</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LONDONDERRY ARTIFICIAL TURF & PARK RENEWAL**  
 PROFILE: **15-28-5822**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,500</b>
60	40	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,500</b>

**PROFILE DESCRIPTION**

Project includes completing the Design of a new artificial turf field with amenities (bleachers, change rooms) and park improvements to circulation and access in the park, utility replacements, sports field renewal and additional park amenities identified as high priorities by the community and required supports for parks operations.

**PROFILE BACKGROUND**

Londonderry Artificial Turf and Park Renewal includes the design development of an artificial turf and implementation of the park master plan priorities to improve circulation, access and opportunities, address aging infrastructure and utilities and support park operations. Design development in 2017 will support capital budget planning in the 2019-2022 capital budget cycle.

**PROFILE JUSTIFICATION**

Supports the Way's plans & outcomes; integrates Artificial Turf Strategy & Urban Parks Management Plan; aligns with Infrastructure Strategy; keeps mature neighbourhoods lively & vibrant; increases opportunities - game play earlier & later in the season, multiple games a day, playability in poor weather conditions.

**STRATEGIC ALIGNMENT**

Aligns corporate goals and outcomes: The Way We Grow: Transforming Edmonton's Urban Form, The Way We Live: Improving Edmonton's Livability; Urban Parks Management Plan, Artificial Turf Strategy and Council's Infrastructure Strategy.

**ALTERNATIVES CONSIDERED**

The Londonderry District Park Master Plan ensures continued active and passive recreation opportunities, addresses aging infrastructure requirements, supports efficient parks operations and ensures connectivity and integration within the park.

**COST BENEFITS**

A comprehensive design will ensure citizens of all ages, ethnicities and abilities will have access to and benefit from a wide range of recreational and leisure opportunities, reduce operation and maintenance costs, improve programs, infrastructure, services and safety. The value of well-maintained parks contributes to the economic, social, cultural and environmental health of the City. Total project costs for the design is \$1.5M.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

The City seeks to purchase goods, services and construction fairly, based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

Londonderry Park Master Plan focuses on addressing community needs and ensuring integration of all park & facility elements. The plan improves circulation, connectivity, programs and services, aging infrastructure and park operational efficiencies.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Londonderry Artificial Turf & Park Renewal****FUNDED**PROFILE NUMBER: **15-28-5822**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Current Approved Budget	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Approved Funding Sources												
	Pay-As-You-Go	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Current Approved Funding Sources	-	-	-	1,500	-	-	-	-	-	-	-	1,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Requested Funding Source												
	Pay-As-You-Go	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Requested Funding Source	-	-	-	1,500	-	-	-	-	-	-	-	1,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	-	1,500	-	-	-	-	-	-	-	1,500
	Total	-	-	-	1,500	-	-	-	-	-	-	-	1,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Facility and Landscape Infrastructure	-	79	79	-	-	-	-	-	-	-	-	-	-	-	-	-
Neighbourhoods	-	151	151	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>230</b>	<b>230</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **JASPER PLACE BOWL GRANDSTAND REPLACEMENT**  
 PROFILE: **15-28-5823**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
10

RENEWAL
90

PREVIOUSLY APPROVED:	5,046
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,046
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**PROFILE DESCRIPTION**

Jasper Place Bowl Grandstand Replacement supports multiple sports field users. The project includes the replacement of spectator seating, public washrooms, dressing rooms, concession, storage and administrative spaces and the addition of a spotters box and dressing rooms. The lighting, sound, scoreboard are in good condition, however the artificial turf replacement will be required in 2019-2020.

**PROFILE BACKGROUND**

The Jasper Place Bowl Grandstand was constructed in 1967 and currently has a Physical Condition rating of D (Poor). Functionality is inadequate to support the current needs of facility users.

**PROFILE JUSTIFICATION**

In March 2014 Council approved: That Administration include renovations of Jasper Place Bowl in the proposed 2015 Capital budget to be considered by City Council in the fall of 2014. The project aligns with The Way's outcomes: improves Edmonton's livability, ensures Edmonton's financial sustainability and the Artificial Turf Strategy. The grandstand has a physical condition rating of D (Poor).

**STRATEGIC ALIGNMENT**

Supports The Way's goals: Way We Live - Improving Livability, Way We Grow - Transforming Urban Form, Way We Prosper - Diversifying Economy and is aligned with Recreation Facility Master Plan, Urban Parks Management Plan and Artificial Turf Strategy.

**ALTERNATIVES CONSIDERED**

Alternative is status quo which will continue to serve users in the short term. The current facility has a Physical Condition rating of D (Poor). Functionality is inadequate to support the current needs of facility users.

**COST BENEFITS**

The Jasper Place Bowl provides over 1,700 hours of play to all levels of football, soccer and other sports for practices and games.

The benefits include the ability to meet user requirements for competitions and flexibility for major events.

Total project costs for the renewal are \$5.0 million. The profile cost estimate is +/- 50% accurate based at the preliminary design stage.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to Administrative Directive Purchasing of Goods and Services Construction. The facility will be operated by the COE, CS and will follow the Human Resource Management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

The grandstand replacement includes the lifecycle replacement of the existing facility and aligns with the Artificial Turf Strategy and Council's direction to include renovations of Jasper Place Bowl in the proposed 2015 Capital budget.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Jasper Place Bowl Grandstand Replacement****FUNDED**PROFILE NUMBER: **15-28-5823**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	557	3,794	695	-	-	-	-	-	-	5,046
	Current Approved Budget	-	-	557	3,794	695	-	-	-	-	-	-	5,046
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	493	3,437	650	-	-	-	-	-	-	4,580
	Pay-As-You-Go	-	-	63	358	44	-	-	-	-	-	-	465
	Current Approved Funding Sources	-	-	557	3,794	695	-	-	-	-	-	-	5,046

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	557	3,794	695	-	-	-	-	-	-	5,046
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	493	3,437	650	-	-	-	-	-	-	4,580
	Pay-As-You-Go	-	-	63	358	44	-	-	-	-	-	-	465
	Requested Funding Source	-	-	557	3,794	695	-	-	-	-	-	-	5,046

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	3,636	414	-	-	-	-	-	-	4,050
	Design	-	-	543	144	37	-	-	-	-	-	-	724
	Equip FurnFixt	-	-	-	-	244	-	-	-	-	-	-	244
	Percent for Art	-	-	14	14	-	-	-	-	-	-	-	28
	Total	-	-	557	3,794	695	-	-	-	-	-	-	5,046

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Revenue, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	59	117	58	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	59	117	58	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ROLLIE MILES ATHLETIC GROUNDS RENEWAL**  
 PROFILE: **15-28-6000**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
10

RENEWAL
90

PREVIOUSLY APPROVED:	5,344
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,344
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**PROFILE DESCRIPTION**

The park renewal includes improvements to circulation and access in the park, utility replacements, sports field renewal, additional amenities identified as priorities by the community and supports for parks operations.

**PROFILE BACKGROUND**

Rollie Miles Athletic Field Park Renewal will implement the Park Master Plan priorities to improve circulation, access and opportunities, utility replacements, address aging infrastructure, upgrade park amenities and support park operations.

**PROFILE JUSTIFICATION**

Supports The Way's plans, goals and outcomes; integrates the Recreation Facility Master Plan and the Urban Parks Management Plan; aligns with Infrastructure Strategy; increases program opportunities; keeps mature neighbourhoods lively and vibrant.

**STRATEGIC ALIGNMENT**

The Park Renewal aligns corporate goals and outcomes: The Way We Live: Improving Edmonton's Livability; The Way We Grow: Transforming Edmonton's Urban Form; and City Council's Infrastructure Strategy supporting long-term infrastructure investment.

**ALTERNATIVES CONSIDERED**

The Master Plan ensures Rollie Miles park continues to provide active and passive recreation opportunities, addresses its aging infrastructure, supports efficient parks operations and ensures connectivity and integration of all site developments.

**COST BENEFITS**

The Rollie Miles Athletic Field will ensure citizens of all ages, ethnicities and abilities will have access to and benefit from a wide range of recreational and leisure opportunities, reduce operation and maintenance costs, improve programs, services, infrastructure and safety. The value of well-maintained parks contributes to the economic, social, cultural and environmental health of the City.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and potential partnerships are defined.

**RESOURCES**

City of Edmonton seeks to purchase goods, services and construction fairly based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

The renewal is based on community needs and supports integration with planned facility developments. The renewal improves circulation, connectivity, ageing infrastructure, program amenities and efficiencies to parks operations.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Rollie Miles Athletic Grounds Renewal****FUNDED**PROFILE NUMBER: **15-28-6000**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344
	Current Approved Budget	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	283	2,771	1,739	-	-	-	-	-	-	4,793
	Pay-As-You-Go	-	20	48	310	173	-	-	-	-	-	-	551
	Current Approved Funding Sources	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	283	2,771	1,739	-	-	-	-	-	-	4,793
	Pay-As-You-Go	-	20	48	310	173	-	-	-	-	-	-	551
	Requested Funding Source	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	3,050	1,912	-	-	-	-	-	-	4,962
	Design	-	20	316	-	-	-	-	-	-	-	-	336
	Percent for Art	-	-	15	31	-	-	-	-	-	-	-	46
	Total	-	20	331	3,081	1,912	-	-	-	-	-	-	5,344

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	89	89	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IVOR DENT SPORTS PARK - PHASE II**  
 PROFILE: **15-28-6100**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	4,705
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,705
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**PROFILE DESCRIPTION**

Project includes development of the internal roadways, parking lots & adequate water service to support the tournament site and fulfill the conditions of the development permit including permanent all-directional access to Ellerslie Road and adequate parking.

**PROFILE BACKGROUND**

In 2004, City Council approved a 55 hectare parcel of land at 50 St. & Ellerslie Road to be the site of a Multi-Sport Tournament & Recreation Park, now named the Ivor Dent Sports Park. In 2006, Council approved \$20 million in partnership with 4 sport groups to develop and operate the site.

**PROFILE JUSTIFICATION**

Supports the Way's plans, goals & outcomes; completes the City's vision of a major sport tournament site; integrates the partnership policy & the Urban Parks Management Plan; increases program opportunities

**STRATEGIC ALIGNMENT**

The project supports corporate goals and outcomes including The Way We Prosper: Diversifying Edmonton's Economy, The Way We Live: Improving Edmonton's Livability and its supporting plans Urban Parks Management Plan, Recreation Facility Master Plan.

**ALTERNATIVES CONSIDERED**

Phase II alternatives include: a) not completing or phasing the parking, internal road, signage, b) parking on undeveloped grass areas, c) seeking partner funding to accommodate the intended purpose of the programs and events of the site.

**COST BENEFITS**

The completion of the Ivor Dent Sports Park will ensure user of the park will have a safe and enjoyable experience, access to and benefit from a wide range of sport and recreational opportunities, reduce operation and maintenance costs, improve programs, services and safety. The value of well-maintained parks contributes to the economic, social, cultural and environmental health of the City.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project is further defined.

**RESOURCES**

City of Edmonton seeks to purchase goods, services, construction fairly and based on best value. Neighbourhood Parks and Community Recreation will follow the Human Resource Management policies and procedures for engagement, training and retention.

**CONCLUSIONS AND RECOMMENDATIONS**

The completion of supporting infrastructure at Ivor Dent Sports Park will ensure that users have a safe and enjoyable experience at the Park and opportunities for programming and tournament hosting can be accommodated.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Ivor Dent Sports Park - Phase II****FUNDED**PROFILE NUMBER: **15-28-6100**PROFILE TYPE: **Standalone**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	364	4,336	-	-	-	-	-	-	-	-	4,700
	2015 Cap Council	-	5	-	-	-	-	-	-	-	-	-	5
	Current Approved Budget	-	369	4,336	-	-	-	-	-	-	-	-	4,705
	Approved Funding Sources												
	Partnership Funding	-	5	-	-	-	-	-	-	-	-	-	5
	Pay-As-You-Go	-	364	4,336	-	-	-	-	-	-	-	-	4,700
	Current Approved Funding Sources	-	369	4,336	-	-	-	-	-	-	-	-	4,705

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	369	4,336	-	-	-	-	-	-	-	-	4,705
	Requested Funding Source												
	Partnership Funding	-	5	-	-	-	-	-	-	-	-	-	5
	Pay-As-You-Go	-	364	4,336	-	-	-	-	-	-	-	-	4,700
	Requested Funding Source	-	369	4,336	-	-	-	-	-	-	-	-	4,705

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	5	4,296	-	-	-	-	-	-	-	-	4,301
	Design	-	364	-	-	-	-	-	-	-	-	-	364
	Percent for Art	-	-	40	-	-	-	-	-	-	-	-	40
	Total	-	369	4,336	-	-	-	-	-	-	-	-	4,705

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	220	220	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	220	220	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GREAT NEIGHBOURHOODS INITIATIVE**  
 PROFILE: **CM-21-5800**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: <b>Neighbourhood Renewal</b>		Major Initiative: <b>Great Neighbourhoods</b>
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>
20	80	60,400
		<b>BUDGET REQUEST:</b>
		-
		<b>TOTAL PROFILE BUDGET:</b>
		60,400

**PROFILE DESCRIPTION**

The Great Neighbourhoods Capital Program invests in Neighbourhood Revitalization, Building Great Neighbourhoods, and Business Development. From 2015-2018, the Great Neighbourhoods Initiative is investing in 4 Revitalization areas through streetscape projects in McCauley, Central McDougall/Queen Mary Park, 118 Ave, Jasper Place (Stony Plain Road), and partial funding for MacEwan West Campus (\$15M) as part of the Jasper Place area revitalization. Profile 15-21-7777 includes \$16M to fund the remainder of the building's purchase. 38 neighbourhoods have been identified for the work of Building Great Neighbourhoods from 2015-2022, coordinated with Drainage Renewal and Neighbourhood Renewal Projects. The work identified reflects the uniqueness of each neighbourhood and includes priorities identified by the community. Enhancements may include connections made to neighbourhood amenities and/or business areas, upgraded pathways, trees, benches, and improving business areas.

**PROFILE BACKGROUND**

Great Neighbourhoods approach embraces efficiency and responsiveness, using a coordinated, cross departmental and corporate approach. In December 2008, City Council approved \$150 million in tax supported debt over ten years from 2009-2018.

**PROFILE JUSTIFICATION**

Great Neighbourhoods is a corporate approach to integrating and coordinating city work. It is one of three programs comprising the Building Great Neighbourhoods Initiative that undertakes coordinated infrastructure investment in neighbourhoods. It aligns with several strategic goals.

**STRATEGIC ALIGNMENT**

Great Neighbourhoods embodies the four principles of The Way Ahead: Integration, Sustainability, Livability and Innovation. Improves several strategic goals: Improving Livability, Shifting Transportation Mode and Transforming Urban Form.

**ALTERNATIVES CONSIDERED**

Not Applicable – Initiative is currently being implemented

**COST BENEFITS**

The Great Neighbourhoods Initiative works with other City of Edmonton programs such as Transportation Renewal and Drainage Renewal programs to find efficiencies and creates opportunities to add investments in neighbourhoods in an efficient and effective manner. Cost savings are realized by coordinating the planning, design and construction, as well as, public involvement and communication activities.

**KEY RISKS & MITIGATING STRATEGY**

The Great Neighbourhoods Initiative employs a "One City" approach to Building Great Neighbourhoods. Should this program not be funded, service delivery would suffer. Projects in the composite profile have had significant stakeholder engagement

**RESOURCES**

In 2008, funding for the Great Neighbourhoods Initiative was committed to by City Council using tax supported debt. Pay as you go funding is requested to cover percent of art program requirements.

**CONCLUSIONS AND RECOMMENDATIONS**

City Council made a ten year financial commitment to the Great Neighbourhoods Initiative with funding through tax supported debt. It is recommended that funding continue to be approved from 2015-2024 for the Great Neighbourhoods Initiative.

**CHANGES TO APPROVED PROFILE**

15-41-10 (Fall SBA): Transfer \$35k PAYG from CM-21-5800 Great Nbhds Initiative to 12-28-2001 Tree Planting & Naturalization to cover the electrical conduit costs on the Whyte Avenue tree project.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Great Neighbourhoods Initiative****FUNDED**PROFILE NUMBER: **CM-21-5800**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	11,113	13,334	26,601	9,387	-	-	-	-	-	-	60,435
	2015 Cap Administrative	-	-35	-	-	-	-	-	-	-	-	-	-35
	Current Approved Budget	-	11,078	13,334	26,601	9,387	-	-	-	-	-	-	60,400
	Approved Funding Sources												
	Pay-As-You-Go	-	68	114	126	92	-	-	-	-	-	-	400
	Tax-Supported Debt	-	11,010	13,220	26,475	9,295	-	-	-	-	-	-	60,000
	Current Approved Funding Sources	-	11,078	13,334	26,601	9,387	-	-	-	-	-	-	60,400

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	11,078	13,334	26,601	9,387	-	-	-	-	-	-	60,400
	Requested Funding Source												
	Pay-As-You-Go	-	68	114	126	92	-	-	-	-	-	-	400
	Tax-Supported Debt	-	11,010	13,220	26,475	9,295	-	-	-	-	-	-	60,000
	Requested Funding Source	-	11,078	13,334	26,601	9,387	-	-	-	-	-	-	60,400

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	10,240	12,895	11,095	9,220	-	-	-	-	-	-	43,450
	Design	-	735	325	380	75	-	-	-	-	-	-	1,515
	Other Costs	-	-	-	15,000	-	-	-	-	-	-	-	15,000
	Percent for Art	-	103	114	126	92	-	-	-	-	-	-	435
	Total	-	11,078	13,334	26,601	9,387	-	-	-	-	-	-	60,400

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REPLACEMENT TREE PLANTING AND NATURALIZATION**  
 PROFILE: **CM-28-2001**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Heather McRae**

LEAD BRANCH MANAGER: **Heather McRae**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2024**

Service Category: **Parks**

Major Initiative:

**GROWTH**

**RENEWAL**  
**100**

PREVIOUSLY APPROVED:

**2,375**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**2,375**

**PROFILE DESCRIPTION**

The purpose of this profile is to replace and restore lost urban forest canopy. Led by the objectives of the Urban Forest Management Plan, The Way We Green, and the guiding principles of the Natural Connections Strategic Plan, street and park trees will be replaced and natural area linkages will be restored through the following objectives:

- Aligning with the Urban Forest Master Plan objective to effectively manage and sustain Edmonton's urban forest by replacing lost canopy
- Aligning with the Urban Forest Master Plan objective to effectively manage and sustain Edmonton's urban forest by consistently realizing a net gain in tree replacements over same year tree removals
- Restoring 100 hectares of existing turf with low maintenance naturalization plantings that enhance ecological networks

**PROFILE BACKGROUND**

Over the past decade, Edmonton's tree canopy has been in decline. Current tree health assessments show we are losing 0.5% of our tree canopy annually which is more than we are operationally budgeted to plant. This, combined with a vacancy rate of almost 7%, makes the potential of increasing the canopy virtually impossible without capital funding. This initiative will restore the urban canopy by addressing two areas of tree deficiency:

- Ornamental Tree Replacement - a 'no net loss' approach to urban tree replacement
- Natural Areas Replacement and Renewal - restore hectares of vital biologically diverse 'stepping stones' that have been lost through development.

**PROFILE JUSTIFICATION**

The urban forest has a value greater than \$1.3 billion, and is appreciating. Since 2000, Edmonton has lost almost 50,000 trees primarily due to drought and associated pests. Despite a combination of operational measures and capital funding over the years, more than half of these trees are yet to be replaced. On top of that, we lose 2000 additional trees per year that also require replacement. We need to plant trees for future generations. Trees provide environmental (reduced heat island effect & storm water runoff, improved air quality, essential habitat and corridors for wildlife movement) economic (reduced energy costs, attracts & maintains businesses, extends life of hard infrastructure) & social benefits (aesthetic value, privacy reduced crime) beyond what we can successfully measure. Edmonton has placed value on maintaining, preserving, and enhancing the urban forest in numerous strategic plans. A healthy, growing, thriving urban forest is part of Edmonton's future vision

**STRATEGIC ALIGNMENT**

Replacement Tree Planting and Naturalization aligns with specific goals and corporate outcomes of The Way We Grow, The Way We Live and The Way We Green and many other related departmental plans.

**ALTERNATIVES CONSIDERED**

- 1) Status quo – maintain existing urban forest. There will be a reduction in urban form, and the functionality and capacity of parks and neighbourhoods will not reflect the needs of the citizens.
- 2) Move forward with this initiative as per request.

**COST BENEFITS**

The urban forest contributes to all of the Ways plans. Some of the tangible benefits include removing an estimated 531.31 tonnes of pollutants valued at over \$3 million (2009 findings), reduce heat island effect, storm water runoff, reduce energy need and improve site services/amenities. The intangible benefits include improved quality of life, aesthetic value, sense of privacy, and reduced crime.

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services & Construction directive. Replacement Tree Planting & Naturalization will be operated by the City and will follow the Human Resource Management policies and procedures

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

City of Edmonton's urban forest is an important component of the Ways plans in making this a great city.

Recommend that this profile be fully funded. Plant trees today for the well being and quality of life for today's and future generations.

## CHANGES TO APPROVED PROFILE

#15-41-7 (Fall SBA): Transfer \$310K PAYG from CM-28-2001 Replacement Tree Planting & Naturalization to 12-28-200 Tree Planting & Naturalization to cover over expenditures in 2015 for the Whyte Ave tree project. The Whyte Ave tree project is overspent due to discovery of an abandoned rail line.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Replacement Tree Planting and Naturalization****FUNDED**PROFILE NUMBER: **CM-28-2001**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	750	750	750	750	-	-	-	-	-	-	3,000
	2015 Cap Administrative	-	-625	-	-	-	-	-	-	-	-	-	-625
	Current Approved Budget	-	125	750	750	750	-	-	-	-	-	-	2,375
	Approved Funding Sources												
	Pay-As-You-Go	-	125	750	750	750	-	-	-	-	-	-	2,375
	Current Approved Funding Sources	-	125	750	750	750	-	-	-	-	-	-	2,375

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	125	750	750	750	-	-	-	-	-	-	2,375
	Requested Funding Source												
	Pay-As-You-Go	-	125	750	750	750	-	-	-	-	-	-	2,375
	Requested Funding Source	-	125	750	750	750	-	-	-	-	-	-	2,375

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	435	750	750	750	-	-	-	-	-	-	2,685
	Land Improvements	-	-310	-	-	-	-	-	-	-	-	-	-310
	Total	-	125	750	750	750	-	-	-	-	-	-	2,375

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	199	199	3.2	-	-57	-57	-.6	-	-	-	-	-	-	-	-
Total Operating Impact	-	199	199	3.2	-	-57	-57	-.6	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD PARK DEVELOPMENT PROGRAM - NEW**  
 PROFILE **CM-28-7050**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED****PROFILE STAGE: Post Budget Approval****PROFILE TYPE: Composite**PROFILE MANAGER: **Heather McRae**LEAD BRANCH MANAGER: **Heather McRae**ESTIMATED START: **January, 2015**ESTIMATED COMPLETION: **January, 2024****Service Category: Parks****Major Initiative:****GROWTH****103****RENEWAL****-3****PREVIOUSLY APPROVED:****11,617****BUDGET REQUEST:****-****TOTAL PROFILE BUDGET:****11,617****PROFILE DESCRIPTION**

This program provides matching funding for community partners for park projects on City-owned parkland classified as neighbourhood parks as outlined by the Urban Park Management Plan. Examples of projects include playgrounds, landscaping, shelters, community gardens, spray decks, benches, trails, signs and senior's amenities. The City provides support to partners through the strategy and concept development phases, and project management through the design and build phases of park projects on new neighbourhood park sites.

There are three levels of matching funding available per neighbourhood: Basic (\$15,000 once every five years), Intermediate (up to \$75,000 once every ten years), Extensive (up to \$250,000 once every 15 years). This profile also provides funding under the Outdoor Aquatic Strategy (up to \$125,000 one time per neighbourhood). Neighbourhoods are eligible for one level per year. Community groups may also apply for \$15,000 unmatched funding for project planning.

**PROFILE BACKGROUND**

The Neighbourhood Park Development Program was established in 1983 in response to concerns expressed by residents about the timing of neighbourhood park development, particularly in new neighbourhoods where parkland remains undeveloped. Community groups expressed interest in forming a partnership with the City to speed up the pace of new park development and improve the quality of parkland. The program has been revised, enhanced and updated over the years and continues to provide an opportunity for communities to undertake new park development projects in their own neighbourhoods to meet the needs of their residents. This profile also provides funding for park projects under the Outdoor Aquatic Strategy. Community needs assessments define the new park development priorities. Projects may include the development of new park amenities including playgrounds, spray parks, landscaping, shelters, trails and benches. Community partners match and often exceed the City funding provided.

**PROFILE JUSTIFICATION**

There are approximately 700 neighbourhood parks in Edmonton. New parks are added to the City's inventory annually. The City develops these parks to base level development. Neighbourhood park development projects provide an opportunity for communities to enhance parkland, in partnership with the City, through a shared funding model. Enhancing new neighbourhood recreation and park amenities, allows more programming for a variety of age groups and seasons while considering community needs. It also provides an opportunity for new elements to be added in mature parks to meet the changing needs of a neighbourhood.

Anticipated Outcomes: The Neighbourhood Park Development Program - New anticipates enhancing and/ or developing 6-8 park sites per year. This number will fluctuate based on the number and type of community park project applications received annually.

**STRATEGIC ALIGNMENT**

The Neighbourhood Park Development Program - New contributes to the strategic direction and outcomes of The Way Ahead, The Way We Live, The Way We Green, The Way We Grow, the Urban Parks Management Plan and the Outdoor Aquatic Strategy.

**ALTERNATIVES CONSIDERED**

In order to sustain excellence by building and growing our urban parks, funding for new park development and amenities is required.

**COST BENEFITS**

Tangible Benefits: City dollars are matched with significant partner/ community contributions, helping to increase the visitation and sustainability of parks.

Intangible Benefits: healthier citizens, quality of parks experience is improved and increased civic pride.

Costs: City matching funding to community plus non-matching in the average amount of 18% of construction costs (for project management, design costs and 10% project contingency).

**KEY RISKS & MITIGATING STRATEGY**

A preliminary risk analysis has been completed. The risk management framework will be applied to all aspects of the project and will continue to develop and evolve as the project and partnerships are defined.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The parks will be operated and maintained by the City and will follow the Human Resource Management policies and procedures.

# CAPITAL PROFILE REPORT

Profile Page 2

## CONCLUSIONS AND RECOMMENDATIONS

The Neighbourhood Park Development Program-New is one means by which new neighbourhood parks are developed. In order to continue to develop great public spaces and leverage community partner funds it is recommended that this request is fully funded.

## CHANGES TO APPROVED PROFILE

2015 Spring SCBA (CA#20):

(2.1.1) To transfer \$400k from CM-28-7050 NPDP-New to fund the City Council Parks Amenity portion of new Profile CM-28-8055. This will allow for the continuance of a program that provides the provision of minor park amenities on existing parkland.

(2.5.31) To recognize \$17K in partner funding for park signs.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Neighbourhood Park Development Program - New****FUNDED**PROFILE NUMBER: **CM-28-7050**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	3,000	3,000	3,000	3,000	-	-	-	-	-	-	12,000
	2015 Cap Council	-	-83	-100	-100	-100	-	-	-	-	-	-	-383
	Current Approved Budget	-	2,917	2,900	2,900	2,900	-	-	-	-	-	-	11,617
	Approved Funding Sources												
	Partnership Funding	-	1,167	1,150	1,150	1,150	-	-	-	-	-	-	4,617
	Pay-As-You-Go	-	1,750	1,750	1,750	1,750	-	-	-	-	-	-	7,000
	Current Approved Funding Sources	-	2,917	2,900	2,900	2,900	-	-	-	-	-	-	11,617

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,917	2,900	2,900	2,900	-	-	-	-	-	-	11,617
	Requested Funding Source												
	Partnership Funding	-	1,167	1,150	1,150	1,150	-	-	-	-	-	-	4,617
	Pay-As-You-Go	-	1,750	1,750	1,750	1,750	-	-	-	-	-	-	7,000
	Requested Funding Source	-	2,917	2,900	2,900	2,900	-	-	-	-	-	-	11,617

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	2,767	2,750	2,750	2,750	-	-	-	-	-	-	11,017
	Design	-	150	150	150	150	-	-	-	-	-	-	600
	Total	-	2,917	2,900	2,900	2,900	-	-	-	-	-	-	11,617

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	90	90	1.2	-	90	90	1.2	-	90	90	1.2	-	90	90	1.2
Total Operating Impact	-	90	90	1.2	-	90	90	1.2	-	90	90	1.2	-	90	90	1.2

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	NEIGHBOURHOOD PARK DEVELOPMENT PROGRAM - RENEWAL	<b>FUNDED</b>
PROFILE	CM-28-7055	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Composite
BRANCH:	Neighbourhoods	PROFILE MANAGER: Heather McRae
PROGRAM NAME:		LEAD BRANCH MANAGER: Heather McRae
LEAD BRANCH:	Neighbourhoods	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2024

Service Category:	Parks	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	19,000
10	90	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	19,000

**PROFILE DESCRIPTION**

The Neighbourhood Park Development Program - Renewal provides matching funding for community partners for park renewal projects on established neighbourhood parks. Examples of projects include playgrounds, landscaping, community gardens, spray decks, benches, trails, signs and senior's amenities.

**PROFILE BACKGROUND**

The Neighbourhood Park Development Program-Renewal was established in 1983 to address timing of neighbourhood park development, encourage citizen input, leverage funding to renew park spaces and meet resident needs. Partnered projects build community spirit, revitalization and ownership.

**PROFILE JUSTIFICATION**

There are approximately 700 neighbourhood parks located within Edmonton neighbourhoods. Many of these older neighbourhood parks have aging infrastructure, poor connectivity and lack activities for a variety of age groups and seasons. Neighbourhood park renewal projects provide an opportunity for communities to undertake park renewal in partnership with the City through a shared funding model, in their own neighbourhoods to better meet the needs of their residents.

**STRATEGIC ALIGNMENT**

The Neighbourhood Park Development Program - Renewal contributes to the strategic direction and outcomes of The Way Ahead, The Way We Live, the Urban Parks Management Plan and the Outdoor Aquatic Strategy.

**ALTERNATIVES CONSIDERED**

Alternative 1: No longer provide shared funding for partners for park renewal projects.

Alternative 2: Approve the shared funding program.

Recommendation: Alternative 2 - Fund program as proposed.

**COST BENEFITS**

Tangible Benefits: Significant community funds are contributed to projects, increased park visitation and sustainability of parks.

Intangible Benefits: healthier citizens, quality of experience is improved and increased civic pride.

Costs: City funding to park project (matched by partner) plus internal costs (towards a City owned asset for project management, design costs etc).

2015-2018 funding request is \$19 million (City \$12M/Partner \$7M)

**KEY RISKS & MITIGATING STRATEGY**

The risk management framework will be applied to all aspects of the project and will continue to develop as the project and partnerships are defined. Risks will be mitigated with clear scopes, schedule, budgets, roles, and project management plans.

**RESOURCES**

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The parks will be operated and maintained by the City and will follow the Human Resource Management policies and procedures.

**CONCLUSIONS AND RECOMMENDATIONS**

The Neighbourhood Park Development Program - Renew is the means by which neighbourhood parks are renewed. In order to continue to renew great public spaces and leverage community funds it is recommended that this request is fully funded.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood Park Development Program - Renewal****FUNDED**PROFILE NUMBER: **CM-28-7055**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000
	Current Approved Budget	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000
	Approved Funding Sources												
	Partnership Funding	-	1,397	1,872	1,872	1,872	-	-	-	-	-	-	7,013
	Pay-As-You-Go	-	3,293	2,898	2,898	2,898	-	-	-	-	-	-	11,987
	Current Approved Funding Sources	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000
	Requested Funding Source												
	Partnership Funding	-	1,397	1,872	1,872	1,872	-	-	-	-	-	-	7,013
	Pay-As-You-Go	-	3,293	2,898	2,898	2,898	-	-	-	-	-	-	11,987
	Requested Funding Source	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	4,421	4,532	4,532	4,532	-	-	-	-	-	-	18,016
	Design	-	269	239	239	239	-	-	-	-	-	-	984
	Total	-	4,690	4,770	4,770	4,770	-	-	-	-	-	-	19,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	79	79	.5	-	147	147	1.0	-	147	147	1.0	-	147	147	1.0
<b>Total Operating Impact</b>	-	<b>79</b>	<b>79</b>	<b>.5</b>	-	<b>147</b>	<b>147</b>	<b>1.0</b>	-	<b>147</b>	<b>147</b>	<b>1.0</b>	-	<b>147</b>	<b>147</b>	<b>1.0</b>

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	CITY COUNCIL PARKS AMENITY AND BENCHMARK PROGRAM	<b>FUNDED</b>
PROFILE	CM-28-8055	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Community Services	PROFILE TYPE: Composite
BRANCH:	Neighbourhoods	PROFILE MANAGER: Heather McRae
PROGRAM NAME:		LEAD BRANCH MANAGER: Heather McRae
LEAD BRANCH:	Neighbourhoods	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2024

Service Category:	Parks	Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	720
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	720

**PROFILE DESCRIPTION**

This profile consists of two programs: 1) The City Council Parks Amenity Program and 2) The Benchmark Program. The City Council Parks Amenity Program can be accessed by the Mayor and City Councillors to provide minor park amenities on parkland to improve community outdoor space and promote urban wellness. Eligible items include trees, benches, picnic tables and aggregate garbage containers.

The Benchmark Program is fully partner funded and was established to offer citizens the opportunity to honor loved ones, or to celebrate special events. This is done through the refurbishment of an existing park bench, or the installation of a new bench and installation of a bronze plaque on the bench to serve as a lasting tribute.

The Benchmark Program and the City Council Parks Amenity Program have been combined into one new profile to better manage the implementation of the projects and allow the City to capitalize the assets.

**PROFILE BACKGROUND**

The Benchmark Program and the City Council Parks Amenity Program provides park amenities, typically benches, on parkland. These two programs have been combined into one profile to better manage the projects and meet tangible capital asset requirements.

**PROFILE JUSTIFICATION**

City Council Parks Amenity Program Outcomes:

Annual addition of approximately 30 park amenities valued collectively at \$100,000 to parks spaces as requested by Mayor and City Councillors.

Benchmark Program Outcomes:

Annual addition of approximately 50 benches valued collectively at \$80,000 to City parkland fully partner funded through the Benchmark Program.

**STRATEGIC ALIGNMENT**

The City Council Parks Amenity and Benchmark Program contributes to the strategic direction and outcomes of The Way Ahead, The Way We Live, The Way We Grow, and the Urban Parks Management Plan.

**ALTERNATIVES CONSIDERED**

1) Continue the program with alternate funding sources; 2) Eliminate the program; or, 3) Maintain the program as presented.

**COST BENEFITS**

Tangible Benefits:

Annual addition of approximately 80 park amenities of which 50 are full cost-recovered.

Increased park visitation and sustainability of parks.

Intangible Benefits: healthier citizens, quality of parks experience is improved and increased civic pride.

Costs: \$180,000 annually for a total of \$720,000 over four years (City \$400,000/Partner \$320,000).

Operating Impacts are \$10,000 per year and 0.1 FTE.

**KEY RISKS & MITIGATING STRATEGY**

Each individual project within the composite profile has individual risks. Overall risks include timing, escalating costs and budget limitations. Each project will have a clear scope that meets the budget and schedule to reduce these risks.

# CAPITAL PROFILE REPORT

Profile Page 2

## RESOURCES

All procurement processes will adhere to the City's Procurement of Goods, Services and Construction directive. The amenities will be maintained by the City and will follow the Human Resource Management policies and procedures.

## CONCLUSIONS AND RECOMMENDATIONS

The City Council Parks Amenity Program and the Benchmark Program enhance parks for public use. In order to continue to develop great public spaces and leverage community partner funds, it is recommended that this request is fully funded.

## CHANGES TO APPROVED PROFILE

2015 Spring SCBA (CA#20):

(2.1.1) To transfer \$400k from CM-28-7050 NPDP-New to fund the City Council Parks Amenity portion of new Profile CM-28-8055. This will allow for the continuance of a program that provides the provision of minor park amenities on existing parkland.

(2.1.2) To budget for Partner funding of \$80k per year for 4 years (2015 - 2018) for the Benchmark Program.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **City Council Parks Amentiy and Benchmark Program****FUNDED**PROFILE NUMBER: **CM-28-8055**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	180	180	180	180	-	-	-	-	-	-	720
	Current Approved Budget	-	180	180	180	180	-	-	-	-	-	-	720
	Approved Funding Sources												
	Partnership Funding	-	80	80	80	80	-	-	-	-	-	-	320
	Pay-As-You-Go	-	100	100	100	100	-	-	-	-	-	-	400
	Current Approved Funding Sources	-	180	180	180	180	-	-	-	-	-	-	720

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	180	180	180	180	-	-	-	-	-	-	720
	Requested Funding Source												
	Partnership Funding	-	80	80	80	80	-	-	-	-	-	-	320
	Pay-As-You-Go	-	100	100	100	100	-	-	-	-	-	-	400
	Requested Funding Source	-	180	180	180	180	-	-	-	-	-	-	720

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	180	180	180	180	-	-	-	-	-	-	720
	Total	-	180	180	180	180	-	-	-	-	-	-	720

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	10	10	.1	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	10	10	.1	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SPORTS FIELD RENEWAL**  
 PROFILE: **CM-28-8515**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:	
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GROWTH	RENEWAL
	100

PREVIOUSLY APPROVED:	1,200
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	1,200

**PROFILE DESCRIPTION**

The City of Edmonton manages and maintains 2100 sports fields which contain more than 3500 fixtures. The Sports Field Renewal program provides funding to refurbish worn out and heavily used neighbourhood and district sports fields; replace aging sports fixtures as necessary; and realign sports fields to meet changing sport/community needs and design guidelines wherever practical. These renewal efforts enable the City to respond to safety and functionality issues while demonstrating a commitment to maintaining quality, safe, clean sports fields.

**PROFILE BACKGROUND**

The City manages and maintains 2100 sports fields which contain more than 3500 fixtures. The Sports Field Renewal program provides funding to refurbish worn out and heavily used neighbourhood and district sports fields; replace aging sports fixtures as necessary; and realign sports fields to meet changing sport/community needs and design guidelines wherever practical. These renewal efforts enable the City to respond to safety and functionality issues while demonstrating a commitment to maintaining quality, safe, clean sports fields.

The Sports Field Renewal composite has been funding this renewal/redevelopment work for several years. The decisions as to which projects receive funding are based on inventory assessments, impacts to safety and service delivery, as well as capacity and functionality issues. When completed, the Sports Field Strategy will also play a key role in determining project priorities.

**PROFILE JUSTIFICATION**

The Sports Fields Renewal program allows for the renewal of sports field sites to meet requirements of field layout standards, correct safety and functional problems, and respond to poor condition assessments. These outdoor venues experience high usage with more than 130,000 hours of bookings each year and countless usage by schools and community members. This high usage, combined with exposure to annual weather cycles, results in asset deterioration. In order to keep up with the ongoing replacement needs and realignment requirements of these highly used, highly valued sites, a source of funding must be identified to respond to emerging issues and proactively replace aging infrastructure. The need for this funding is ongoing.

**STRATEGIC ALIGNMENT**

Sports Field Renewal aligns with The Way We Live, The Way We Grow, the Urban Parks Management Plan and, in the future, the Sports Field Strategy. Quality sports fields also contribute to success in the NPCR & Community Services business plans.

**ALTERNATIVES CONSIDERED**

Home base agreements and lease opportunities exist for some locations, but cannot encompass or fund all sites. As opposed to a stand alone profile, funding could be combined with another park renewal profile such as Parks Conservation.

**COST BENEFITS**

The Sport Field Renewal composite is requesting \$1.2 million for 2015-2018.

**Tangible Benefits**

1. Creates opportunities to increase usage and bookings for redeveloped sites.
2. Reduction in user injuries.
3. Improved standards of play.

**Intangible Benefits**

1. Healthy citizens and users.
2. Increased recreation and parks usage.

**KEY RISKS & MITIGATING STRATEGY**

The key risks of not proceeding with Sports Field Renewal includes increased injury incidents, closure of assets, reduced revenues and increased corrective or major maintenance costs.

**RESOURCES**

The coordination of Composite funds will be by City of Edmonton employees. All contracting and purchasing associated with Composite projects will adhere to Administrative Directive A1439C, Procurement of Goods, Services and Construction.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Sports fields are of significant importance to Edmontonians and experience high usage. With no other funding source identified for ongoing renewal requirements, it is recommended that the Sports Field Renewal composite be funded for 2015-2018.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Sports Field Renewal****FUNDED**PROFILE NUMBER: **CM-28-8515**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	200	300	300	400	-	-	-	-	-	-	1,200
	Current Approved Budget	-	200	300	300	400	-	-	-	-	-	-	1,200
	Approved Funding Sources												
	Pay-As-You-Go	-	200	300	300	400	-	-	-	-	-	-	1,200
	Current Approved Funding Sources	-	200	300	300	400	-	-	-	-	-	-	1,200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	200	300	300	400	-	-	-	-	-	-	1,200
	Requested Funding Source												
	Pay-As-You-Go	-	200	300	300	400	-	-	-	-	-	-	1,200
	Requested Funding Source	-	200	300	300	400	-	-	-	-	-	-	1,200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	180	270	270	360	-	-	-	-	-	-	1,080
	Design	-	20	30	30	40	-	-	-	-	-	-	120
	Total	-	200	300	300	400	-	-	-	-	-	-	1,200

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	34	34	.3	-	34	34	.3	-	34	34	.3	-	34	34	.3
Total Operating Impact	-	34	34	.3	-	34	34	.3	-	34	34	.3	-	34	34	.3

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PLAY SPACE CONSERVATION**  
 PROFILE: **CM-28-8520**  
 DEPARTMENT: **Community Services**  
 BRANCH: **Neighbourhoods**  
 PROGRAM NAME:  
 LEAD BRANCH: **Neighbourhoods**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Heather McRae
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LEAD BRANCH MANAGER:	Heather McRae
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	2,500
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,500
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**PROFILE DESCRIPTION**

The Play Space Conservation program provides funding for the renewal of play equipment, play settings, and skateboard parks based upon condition inspection results that are completed on a regular basis. The program addresses code changes, unsafe equipment and worn out play features thereby restoring play spaces to an acceptable standard for continued usage and safety.

Projects within this composite are typically between \$30,000 - \$75,000 and serve to extend the life of existing play spaces. When the rehabilitation requirements exceed the scope of this composite, the play space is recommended for consideration in the Neighbourhood Park Development Program - Renewal (CM-28-7055)

**PROFILE BACKGROUND**

The City's playgrounds and skate parks experience wear and tear through regular usage and exposure to natural elements. All locations are routinely inspected and assigned a condition rating from good to poor. When a poor rating is assigned and the Community is not planning to redevelop, the play space is then considered for renewal through the Play Space Conservation Composite. Approved projects are of a larger scope than that of routine maintenance that is done through operational budgets. Projects are evaluated and prioritized based on condition ratings, safety considerations, service delivery, capacity and functionality issues. Examples of work completed through the composite include replacement of support beams, damaged swings, slides, and concrete finishing. These conservation efforts enable the City to extend the life of play spaces and provide a timely response to safety/functionality issues while demonstrating a commitment to maintaining safe, quality play spaces for citizens.

**PROFILE JUSTIFICATION**

This composite was developed to extend the life, and to address safety concerns of existing City-managed play spaces. As highly desired amenities in a community, the inventory of play spaces is continually growing with 20+ sites added annually. This program does not address ongoing maintenance issues but rather larger issues that cannot be addressed through regular operating budgets. Without this funding, the only option would be for communities to pursue play space replacement. This costly alternative would be challenging and unrealistic for many communities who have multiple priorities. The end result could be that play spaces deteriorate to a point where closure is the only viable option.

**STRATEGIC ALIGNMENT**

Ensuring that safe, reliable play spaces are readily available to Edmontonians contributes to multiple objectives in The Way We Live and contributes to outcomes and measures in the NPCR & Community Services business plans.

**ALTERNATIVES CONSIDERED**

Without conservation funding, communities would need to raise funds for the replacement of deteriorating play spaces. In communities that are struggling to raise funds there could be resulting closure/partial closure of play spaces.

**COST BENEFITS**

The Composite is requesting \$2.5 million for 2015-2018, with \$625,000 allocated annually.

**Tangible Benefits**

1. Injury reduction.
2. Reduction in ongoing maintenance costs to the City.
3. Increased lifespan and usage of play spaces.

**Intangible Benefits**

1. Children and youth have safe places to play.
2. Citizens are happy and healthy.

**KEY RISKS & MITIGATING STRATEGY**

The key risks of not proceeding with the Composite includes increased injury incidents and potential closures of play spaces. Primary project risks include completion of work in limited construction season, and site safety during construction.

# CAPITAL PROFILE REPORT

## RESOURCES

The coordination of Composite funds will be by City of Edmonton employees. Landscape Design and Construction will manage the projects and ensure compliance with A1439B Purchasing Goods, Services and Construction and Project Management guidelines.

## CONCLUSIONS AND RECOMMENDATIONS

Play spaces are of significant importance to Edmontonians and experience high usage. With no other funding source identified for ongoing renewal requirements, it is recommended that the Play Space Conservation composite be funded for 2015-2018.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Play Space Conservation****FUNDED**PROFILE NUMBER: **CM-28-8520**PROFILE TYPE: **Composite**BRANCH: **Neighbourhoods**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	625	625	625	625	-	-	-	-	-	-	2,500
	Current Approved Budget	-	625	625	625	625	-	-	-	-	-	-	2,500
	Approved Funding Sources												
	Pay-As-You-Go	-	625	625	625	625	-	-	-	-	-	-	2,500
	Current Approved Funding Sources	-	625	625	625	625	-	-	-	-	-	-	2,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	625	625	625	625	-	-	-	-	-	-	2,500
	Requested Funding Source												
	Pay-As-You-Go	-	625	625	625	625	-	-	-	-	-	-	2,500
	Requested Funding Source	-	625	625	625	625	-	-	-	-	-	-	2,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	625	625	625	625	-	-	-	-	-	-	2,500
	Total	-	625	625	625	625	-	-	-	-	-	-	2,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FACILITIES & EQUIPMENT**  
 PROFILE: **08-25-8002**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Rapanos S.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2008**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Corporate Support</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>28,806</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>28,806</b>

**PROFILE DESCRIPTION**

This profile provides for additional and replacement work equipment and building upgrades required to maintain and service the City of Edmonton fleet. The large fluctuations in dollars from year to year are due to large expenditures such as outfitting the new Transit garage and updating fuel sites to ensure environmental responsibility.

The Transit related work equipment is financed either by grants or general financing. The municipal facilities costs are financed by Mobile Equipment Services equity.

BA#12 Release Fleet Retained Earnings \$1,520K

BA#12 Release MSI Funding to Corp Pool \$785K

BA#69 The Fire Station 1 fuel site decommissioning project requires a minor scope change costing \$25K as additional shoring is required.

**PROFILE JUSTIFICATION**

Some of these upgrades are required by laws related to the environment or safety. Others are required to ensure efficient maintenance of vehicles and equipment.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Facilities & Equipment****FUNDED**PROFILE NUMBER: **08-25-8002**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	39,735	-	-	-	-	-	-	-	-	-	-	39,735
	2008 CBS Budget Adjustment	3,166	-	-	-	-	-	-	-	-	-	-	3,166
	2009 CBS Budget Adjustment	-3,611	-	-	-	-	-	-	-	-	-	-	-3,611
	2010 CBS Budget Adjustment	-7,530	-	-	-	-	-	-	-	-	-	-	-7,530
	2011 CBS Budget Adjustment	-6,780	-	-	-	-	-	-	-	-	-	-	-6,780
	2012 CBS Budget Adjustment	3,011	-	-	-	-	-	-	-	-	-	-	3,011
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,120	-	-	-	-	-	-	-	-	-	-	1,120
	2014 Cap Carry Forward	-213	213	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-305	-	-	-	-	-	-	-	-	-	-	-305
	Current Approved Budget	28,593	213	-	-	-	-	-	-	-	-	-	28,806
	Approved Funding Sources												
	Equipmt Pool Retained Earnings	16,024	-	-	-	-	-	-	-	-	-	-	16,024
	Munc Sustain. Initiative - MSI	2,872	-	-	-	-	-	-	-	-	-	-	2,872
	Operating Revenues	25	-	-	-	-	-	-	-	-	-	-	25
	Pay-As-You-Go	8,784	213	-	-	-	-	-	-	-	-	-	8,997
	Tax-Supported Debt	888	-	-	-	-	-	-	-	-	-	-	888
	Current Approved Funding Sources	28,593	213	-	-	-	-	-	-	-	-	-	28,806

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	28,593	213	-	-	-	-	-	-	-	-	-	28,806
	Requested Funding Source												
	Equipmt Pool Retained Earnings	16,024	-	-	-	-	-	-	-	-	-	-	16,024
	Munc Sustain. Initiative - MSI	2,872	-	-	-	-	-	-	-	-	-	-	2,872
	Operating Revenues	25	-	-	-	-	-	-	-	-	-	-	25
	Pay-As-You-Go	8,784	213	-	-	-	-	-	-	-	-	-	8,997
	Tax-Supported Debt	888	-	-	-	-	-	-	-	-	-	-	888
	Requested Funding Source	28,593	213	-	-	-	-	-	-	-	-	-	28,806

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	28,593	213	-	-	-	-	-	-	-	-	-	28,806
	Total	28,593	213	-	-	-	-	-	-	-	-	-	28,806

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MES HEAVY REPAIR & EQUIP BUILD FAC**  
 PROFILE: **09-25-9000**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Rapanos S.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>49,276</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>49,276</b>

**PROFILE DESCRIPTION**

This project will provide funding to acquire and renovate existing land/building in which Mobile Equipment Services will perform heavy maintenance on City vehicles which includes major inspections; seasonal overhauls of summer and winter equipment; mid-life refurbishments; major accident repairs, as well as fabricate new vehicles or portions of vehicles. The site size is 18 acres, the building size is 130,000 sq. ft. Renovation is to be completed in 2010.

This project is required because of the rapid and sustained growth in the City's mobile equipment fleet. The current load is straining existing facilities and has surpassed the existing capacity to efficiently meet the maintenance load.

The project will facilitate a modification to the maintenance loading of existing garages with an overall result of greater efficiencies for the total maintenance system. The existing garages, which are geographically spread around the city, will continue to meet the clients' requirements for unscheduled, breakdown maintenance and preventive maintenance requirements. Unloading heavy maintenance from these facilities will result in increased capacity to meet clients' emergent maintenance requirements.

Currently the emergent maintenance requirements are integrated with heavy maintenance requirements at each of the garages. The urgent nature of emergent matters and the co-location of the resources assigned to each category of maintenance often results in resource draw-down from scheduled tasks to unscheduled tasks (regardless of strategic priority) with resultant inefficiencies. Geographic separation of the maintenance categories facilitates management of the resources to increase efficiencies in the heavy maintenance tasks through utilization of batching, less variance from planned production, and less loss productivity through interrupted tasks. Additionally, the co-location of the heavy maintenance tasks with a well equipped fabrication capability enables efficiencies of grouping of capital production work (which is also most efficiently accomplished in batches with limited disruptions) with the heavy maintenance tasks. This concentration of in-depth maintenance and fabrication tasks also provides an outstanding skills development facility to enhance the quality and schedule of apprentice production and qualification of mechanics on a variety of specialty equipment.

NOTE: The initial land acquisition is funded through the Land Acquisition Reserve.

Profile is based on the purchase of the Willbros Building. If not approved, a new capital profile based on New Construction must be added with a total cost of \$154,895,000.

With New Construction, similar personnel efficiencies and utilities will apply, however, debt servicing costs will be significantly higher at \$12.4M versus \$4.7M (using 2008 dollars and rates).

BA#12 \$5,964 K Debt Released back to Corporate Pool in 2013.

**PROFILE JUSTIFICATION**

The scheduled inspection and new equipment build functions have been a chronic area of less than optimum schedule and cost performance due to the congestion and conflicting priorities in the existing garages. The continued growth of the city fleet exacerbates the inefficiencies related to these functions. Part of the mandate of the MES transformation project is to create the efficiencies and economies to provide sustainable support to the City's fleet. This project provides the required capacity to facilitate the required improvements.

This project is required because of the rapid and sustained growth in the City's mobile equipment fleet. The current load is straining existing facilities and has surpassed the existing capacity to efficiently meet the maintenance load.

Purchasing and renovating the existing building at a cost of \$56M is beneficial to the City compared to spending \$155M on a new facility.

The estimated useful life of the assets is 25 years or more and the debenture term is 20 years.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **MES Heavy Repair & Equip Build Fac****FUNDED**PROFILE NUMBER: **09-25-9000**PROFILE TYPE: **Standalone**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	81,600	-	-	-	-	-	-	-	-	-	-	81,600
	2009 CBS Budget Adjustment	-6,495	-	-	-	-	-	-	-	-	-	-	-6,495
	2010 CBS Budget Adjustment	-21,855	-	-	-	-	-	-	-	-	-	-	-21,855
	2011 CBS Budget Adjustment	-9,287	-	-	-	-	-	-	-	-	-	-	-9,287
	2012 CBS Budget Adjustment	3,810	-	-	-	-	-	-	-	-	-	-	3,810
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,263	-	-	-	-	-	-	-	-	-	-	2,263
	2014 Cap Carry Forward	-200	200	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-760	-	-	-	-	-	-	-	-	-	-	-760
	Current Approved Budget	49,076	200	-	-	-	-	-	-	-	-	-	49,276
	Approved Funding Sources												
	Tax-Supported Debt	49,076	200	-	-	-	-	-	-	-	-	-	49,276
	Current Approved Funding Sources	49,076	200	-	-	-	-	-	-	-	-	-	49,276

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	49,076	200	-	-	-	-	-	-	-	-	-	49,276
	Requested Funding Source												
	Tax-Supported Debt	49,076	200	-	-	-	-	-	-	-	-	-	49,276
	Requested Funding Source	49,076	200	-	-	-	-	-	-	-	-	-	49,276

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	49,076	200	-	-	-	-	-	-	-	-	-	49,276
	Total	49,076	200	-	-	-	-	-	-	-	-	-	49,276

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET VEHICLE REPLACEMENT**  
 PROFILE: **12-25-1000**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Vehicle & Equipment Management**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Sincoe D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>67,344</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>67,344</b>

**PROFILE DESCRIPTION**

The replacement project includes the total cost related to the replacement of municipal vehicle and equipment fleets. The replacement of these fleets is required as the operational life cycle has been reached and the resulting operating cost exceed the value of the fleet being disposed. All replacements within this profile are funded through the Fleet Replacement Reserve which is replenished through contributions charged to the user departments over the life cycle of each unit. The community benefits through a safe, active and clean city.

**SCOPE**

Planned replacement of vehicles and equipment is based on the life cycle of the units. The number of units varies from year to year and with the Physical condition, Demand/capacity and Functionality of the units. The approximate number of replacements per year is as follows: 2012 - 228, 2013 - 184 and 2014 - 133.

**DEPENDENCIES**

The fleet renewal process affects 31 departments throughout the City.

**PROFILE JUSTIFICATION**

Timely replacement of vehicles and equipment past their operational life cycle is critical as it affects the ability of the line departments to provide service to citizens if the reliability of the fleet is in question. The replacement also avoids additional operating costs related to maintaining the unit as the costs increase substantially when the units are past their operational life cycle.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Vehicle Replacement****FUNDED**PROFILE NUMBER: **12-25-1000**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	61,004	-	-	-	-	-	-	-	-	-	-	61,004
	2012 CBS Budget Adjustment	-8,794	-	-	-	-	-	-	-	-	-	-	-8,794
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	15,134	-	-	-	-	-	-	-	-	-	-	15,134
	2014 Cap Carry Forward	-15,893	15,893	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344
	Approved Funding Sources												
	Equipmt Pool Retained Earnings	416	-	-	-	-	-	-	-	-	-	-	416
	Fleet Services Replacement Rsv	50,974	15,893	-	-	-	-	-	-	-	-	-	66,867
	Green Fleet - Equity	61	-	-	-	-	-	-	-	-	-	-	61
	Current Approved Funding Sources	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344
	Requested Funding Source												
	Equipmt Pool Retained Earnings	416	-	-	-	-	-	-	-	-	-	-	416
	Fleet Services Replacement Rsv	50,974	15,893	-	-	-	-	-	-	-	-	-	66,867
	Green Fleet - Equity	61	-	-	-	-	-	-	-	-	-	-	61
	Requested Funding Source	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344
	Total	51,451	15,893	-	-	-	-	-	-	-	-	-	67,344

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET FACIL REPLACE, MAINT, RENOVATIONS**  
 PROFILE **12-25-3001**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Sincor D.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	2,770
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,770
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**PROFILE DESCRIPTION**

The facility rehabilitation funding is required to accommodate operational demands and vehicle/equipment changes (i.e. technology improvements, equipment obsolescence, and functional program changes) occurring over time that result in the necessity for facility and equipment replacement and/or upgrade.

**SCOPE**

The scope of the project provides for renovations of facilities, upgrade equipment, and maintenance.

**DEPENDENCIES**

Fleet Services requires the equipment and facility upgrades in order to provide the services necessary to meet the operational mandates of the client departments.

The transferred funding \$738K from profiles (12-25-3002 & 12-25-3023) will be used to address a critical safety issue and meet OH&S codes.

**PROFILE JUSTIFICATION**

Fleet Services facilities and equipment range in age from thirteen years old to over thirty years old. These facilities and equipment require this funding to keep the facilities and equipment up to date, in proper working order and to maintain them for safety.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Facil Replace, Maint, Renovations****FUNDED**PROFILE NUMBER: **12-25-3001**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,160	-	-	-	-	-	-	-	-	-	-	2,160
	2012 CBS Budget Adjustment	-270	-	-	-	-	-	-	-	-	-	-	-270
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,008	-	-	-	-	-	-	-	-	-	-	1,008
	2014 Cap Carry Forward	-1,500	1,500	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-878	-	-	-	-	-	-	-	-	-	-	-878
	2014 SCBA Transfers >\$250K<\$1M	750	-	-	-	-	-	-	-	-	-	-	750
	Current Approved Budget	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770
	Approved Funding Sources												
	Pay-As-You-Go	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770
	Current Approved Funding Sources	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770
	Requested Funding Source												
	Pay-As-You-Go	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770
	Requested Funding Source	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770
	Total	1,270	1,500	-	-	-	-	-	-	-	-	-	2,770

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET FUEL SITE (TANKS) REPLACEMENT**  
 PROFILE: **12-25-3002**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Fuel & Oil Site Management**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Simcoe D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>271</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>271</b>

**PROFILE DESCRIPTION**

This project provides the replacement of aging fuel systems (tanks and associated equipment) before catastrophic failure. Ground analysis has been performed at the sites as part of the risk analysis to help determine priorities for upgrades. Fuel tank infrastructure has to comply with environmental (ISO) and fire code standards.

The scope of the project involves: Strathcona fuel site decommissioning, Emergency Response Department (ERD) fuel tank renewal, Ferrier fuel site renewal. Timeline is approximately 12 to 15 months from approval.

**Dependencies**

Internal City Departments and external agencies such as EPCOR who rely on the fuel stations for efficient means of obtaining product to fuel their fleet.

BA# 66 Transfer unused Environmental Contamination Contingency funds \$563K as land reclamation was not required for the Strathcona fuel site decommissioning. These funds will be used to address a critical safety issue and meet OH&S codes in 12-25-3001

BA# 69 Transfer \$25K of Fuel Tank replacement financing to cover-off a minor scope change of the Fire Station 1 fuel tank decommissioning project.

**PROFILE JUSTIFICATION**

To comply with environmental and fire code requirements. These sites have surpassed the useful life of 25 years as an average. The replacement of these tanks will ensure the protection of the environment. Prevention of such negative environmental impacts ensures the fuel site can remain operational and available to the clients it serves. Leaks would result in immediate shut-down at a detriment in service to the client base.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Fuel Site (Tanks) Replacement****FUNDED**PROFILE NUMBER: **12-25-3002**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,445	-	-	-	-	-	-	-	-	-	-	1,445
	2012 CBS Budget Adjustment	-942	-	-	-	-	-	-	-	-	-	-	-942
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	354	-	-	-	-	-	-	-	-	-	-	354
	2014 Cap Carry Forward	-483	483	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-103	-	-	-	-	-	-	-	-	-	-	-103
	2015 Cap Council	-	-483	-	-	-	-	-	-	-	-	-	-483
	Current Approved Budget	271	-	-	-	-	-	-	-	-	-	-	271
	Approved Funding Sources												
	Pay-As-You-Go	271	-	-	-	-	-	-	-	-	-	-	271
	Current Approved Funding Sources	271	-	-	-	-	-	-	-	-	-	-	271

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	271	-	-	-	-	-	-	-	-	-	-	271
	Requested Funding Source												
	Pay-As-You-Go	271	-	-	-	-	-	-	-	-	-	-	271
	Requested Funding Source	271	-	-	-	-	-	-	-	-	-	-	271

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	271	-	-	-	-	-	-	-	-	-	-	271
	Total	271	-	-	-	-	-	-	-	-	-	-	271

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET HOIST REPLACEMENT**  
 PROFILE: **12-25-3003**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Simcoe D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,701</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,701</b>

**PROFILE DESCRIPTION**

This project provides for the replacement of in ground floor hoists that have exceeded their life expectancy. The hoists are between 20 and 25 years old and deteriorating due to wear and corrosion.

**SCOPE**

The replacement schedule is as follows: 2012 - 1 hoist; 2013 - 7 hoists; 2014 - 3 hoists; 2015 - 4 hoists; 2016 - 5 hoists.

**DEPENDENCIES**

Alberta Health Services, Edmonton Police Services, EPCOR, and City Departments utilizing fleet for day-to-day operations are expecting a level of service for fleet maintenance that minimizes downtime of their vehicles, as agreed to in our Service Level Agreements. Vehicle lifting hoists are a requirement for vehicle repair, maintenance, and body work, thus the availability of operational hoists is critical in fulfilling the service.

**PROFILE JUSTIFICATION**

To comply with safety and environmental requirements. These hoists need to be upgraded to reduce the risk of environmental damage from hydraulic leaks and to incorporate the latest safety features available in modern hoists. Due to safety requirements, hoists need to be replaced prior to catastrophic failure.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Hoist Replacement****FUNDED**PROFILE NUMBER: **12-25-3003**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,701	-	-	-	-	-	-	-	-	-	-	2,701
	2012 CBS Budget Adjustment	-300	-	-	-	-	-	-	-	-	-	-	-300
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	300	-	-	-	-	-	-	-	-	-	-	300
	2014 Cap Carry Forward	-263	263	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,438	263	-	-	-	-	-	-	-	-	-	2,701
	Approved Funding Sources												
	Pay-As-You-Go	2,438	263	-	-	-	-	-	-	-	-	-	2,701
	Current Approved Funding Sources	2,438	263	-	-	-	-	-	-	-	-	-	2,701

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,438	263	-	-	-	-	-	-	-	-	-	2,701
	Requested Funding Source												
	Pay-As-You-Go	2,438	263	-	-	-	-	-	-	-	-	-	2,701
	Requested Funding Source	2,438	263	-	-	-	-	-	-	-	-	-	2,701

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	2,438	263	-	-	-	-	-	-	-	-	-	2,701
	Total	2,438	263	-	-	-	-	-	-	-	-	-	2,701

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET UNDERGROUND OIL TANKS REPLACEMENT**  
 PROFILE: **12-25-3004**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Fuel & Oil Site Management**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Simcoe D.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	1,250
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,250
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**PROFILE DESCRIPTION**

The project provides for the replacement of aging steel single walled in ground oil tanks. These tanks have surpassed their life expectancy and failure to replace them will cause environmental damage. The removal of these tanks from the ground and replacing them with new above ground double wall tanks will meet today's environmental requirements and also complete removal of Fleet Services underground oil tanks.

**SCOPE**

The schedule for completion is as follows: 2013 - Mitchell Garage and Ferrier Garage - removal and replacement; 2014 - Westwood - removal and replacement

**DEPENDENCIES**

Identify dependencies this project has with other department or other orders of government - Fleet Services Maintenance Operations

**PROFILE JUSTIFICATION**

To comply with environmental and fire code requirements. These tanks have surpassed the useful life of 25 years as an average. The replacement will ensure the protection of the environment. Prevention of such negative environmental impacts ensures the oil storage tanks can remain operational and available to the maintenance facilities it serves. Leaks would result in a detriment in service to the operations of the facility.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Underground Oil Tanks Replacement****FUNDED**PROFILE NUMBER: **12-25-3004**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	1,250	-	-	-	-	-	-	-	-	-	-	1,250
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-999	999	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	251	999	-	-	-	-	-	-	-	-	-	1,250
	Approved Funding Sources												
	Pay-As-You-Go	251	999	-	-	-	-	-	-	-	-	-	1,250
	Current Approved Funding Sources	251	999	-	-	-	-	-	-	-	-	-	1,250

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	251	999	-	-	-	-	-	-	-	-	-	1,250
	Requested Funding Source												
	Pay-As-You-Go	251	999	-	-	-	-	-	-	-	-	-	1,250
	Requested Funding Source	251	999	-	-	-	-	-	-	-	-	-	1,250

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	251	999	-	-	-	-	-	-	-	-	-	1,250
	Total	251	999	-	-	-	-	-	-	-	-	-	1,250

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET SERVICES REPLACE TOOLS/EQUIPMENT**  
 PROFILE: **12-25-3005**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Simcoe D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,614</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,614</b>

**PROFILE DESCRIPTION**

To replace worn, obsolete, out of date tools and equipment for the support, maintenance and repair of the City of Edmonton's vehicle fleet.

**SCOPE**

Compressors, Pressure Washers, Sandblasters, Torque Wrenches, Typhoon Washers, Saws, Shears, Plasma Cutters, Tire changers, spreaders, and balancers. All tool and equipment replacement projects are completed over the three year Capital Plan.

**DEPENDENCIES**

Alberta Health Services, Edmonton Police Services, EPCOR, and City Departments utilizing fleet for day-to-day operations are expecting a level of service for fleet maintenance that minimizes downtime of their vehicles as agreed to in our Service Level Agreements.

**PROFILE JUSTIFICATION**

Shop tools and equipment are managed to ensure optimum economic life of the fleet is achieved. Tools and equipment are required for fleet repair, maintenance, and body work. Thus, the availability of operational tools and equipment is critical in fulfilling this service. This program is required to achieve that goal.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Services Replace Tools/Equipment****FUNDED**PROFILE NUMBER: **12-25-3005**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,482	-	-	-	-	-	-	-	-	-	-	2,482
	2012 CBS Budget Adjustment	-642	-	-	-	-	-	-	-	-	-	-	-642
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	642	-	-	-	-	-	-	-	-	-	-	642
	2014 Cap Carry Forward	-100	100	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-418	-	-	-	-	-	-	-	-	-	-	-418
	2014 SCBA Transfers >\$250K<\$1M	-450	-	-	-	-	-	-	-	-	-	-	-450
	Current Approved Budget	1,514	100	-	-	-	-	-	-	-	-	-	1,614
	Approved Funding Sources												
	Pay-As-You-Go	1,514	100	-	-	-	-	-	-	-	-	-	1,614
	Current Approved Funding Sources	1,514	100	-	-	-	-	-	-	-	-	-	1,614

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,514	100	-	-	-	-	-	-	-	-	-	1,614
	Requested Funding Source												
	Pay-As-You-Go	1,514	100	-	-	-	-	-	-	-	-	-	1,614
	Requested Funding Source	1,514	100	-	-	-	-	-	-	-	-	-	1,614

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	1,514	100	-	-	-	-	-	-	-	-	-	1,614
	Total	1,514	100	-	-	-	-	-	-	-	-	-	1,614

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET HOIST REPLACEMENT WESTWOOD MUNI**  
 PROFILE: **12-25-3013**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Composite**PROFILE MANAGER: **Simcoe D.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2012**ESTIMATED COMPLETION: **December, 2015**Service Category: **Corporate Support**

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**3,750**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**3,750****PROFILE DESCRIPTION**

This project provides for the replacement of in ground floor hoists that have exceeded their life expectancy at Westwood Municipal Mechanic Shop. The hoists are between 20 and 25 years old and deteriorating due to wear and corrosion. These hoists need to be upgraded to reduce the risk of environmental damage from hydraulic leaks and to incorporate the latest safety features available in modern hoists.

**SCOPE**

The replacement schedule is as follows: 2012 - 10 hoists; 2014 - 7 hoists; 2017 - 6 hoists

**DEPENDENCIES**

Alberta Health Services, Edmonton Police Services, EPCOR, and City Departments utilizing fleet for day-to-day operations are expecting a level of service for fleet maintenance that minimizes downtime of their vehicles, as agreed to in our Service Level Agreements. Vehicle lifting hoists are a requirement for vehicle repair, maintenance, and body work, thus the availability of operational hoists is critical in fulfilling the service

**PROFILE JUSTIFICATION**

To comply with safety and environmental requirements. These hoists need to be upgraded to reduce the risk of environmental damage from hydraulic leaks and to incorporate the latest safety features available in modern hoists. Due to safety requirements, hoists need to be replaced prior to catastrophic failure.

**ALIGNMENT**

Ensure Edmonton's financial sustainability through the way we finance. Ensures that the City has well managed and sustainable assets and services. To preserve and sustain Edmonton's environment to minimize the impact of City operations on air, land, and water systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Hoist Replacement Westwood Muni****FUNDED**PROFILE NUMBER: **12-25-3013**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,500	-	-	-	-	-	-	-	-	-	-	4,500
	2012 CBS Budget Adjustment	-2,623	-	-	-	-	-	-	-	-	-	-	-2,623
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,873	-	-	-	-	-	-	-	-	-	-	1,873
	2014 Cap Carry Forward	-828	828	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,922	828	-	-	-	-	-	-	-	-	-	3,750
	Approved Funding Sources												
	Pay-As-You-Go	2,922	828	-	-	-	-	-	-	-	-	-	3,750
	Current Approved Funding Sources	2,922	828	-	-	-	-	-	-	-	-	-	3,750

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,922	828	-	-	-	-	-	-	-	-	-	3,750
	Requested Funding Source												
	Pay-As-You-Go	2,922	828	-	-	-	-	-	-	-	-	-	3,750
	Requested Funding Source	2,922	828	-	-	-	-	-	-	-	-	-	3,750

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	2,922	828	-	-	-	-	-	-	-	-	-	3,750
	Total	2,922	828	-	-	-	-	-	-	-	-	-	3,750

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FLEET HOIST GROWTH**  
 PROFILE: **12-25-3023**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Simcoe D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>378</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>378</b>

**PROFILE DESCRIPTION**

This profile provides for the installation of inground floor hoists that incorporate the latest safety features available in modern hoists.

A scope downgrade of project 12-25-3023 has been proposed to allow for the transfer of funding \$175K from Growth Hoists to address a critical safety issue and meet OH&S codes. The proposed scope change will have no effect on service delivery.

**PROFILE JUSTIFICATION**

To comply with safety and environmental requirements. The purchase of these hoists will ensure we protect the environment and provide safe lifting equipment required to maintain the Fleet, for city employees to utilize. If not funded there is a high likelihood of longer vehicle repair wait times.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fleet Hoist Growth****FUNDED**PROFILE NUMBER: **12-25-3023**PROFILE TYPE: **Standalone**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	19	-	-	-	-	-	-	-	-	-	-	19
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	556	-	-	-	-	-	-	-	-	-	-	556
	2014 Cap Carry Forward	-41	41	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-197	-	-	-	-	-	-	-	-	-	-	-197
	Current Approved Budget	337	41	-	-	-	-	-	-	-	-	-	378
	Approved Funding Sources												
	Pay-As-You-Go	337	41	-	-	-	-	-	-	-	-	-	378
	Current Approved Funding Sources	337	41	-	-	-	-	-	-	-	-	-	378

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	337	41	-	-	-	-	-	-	-	-	-	378
	Requested Funding Source												
	Pay-As-You-Go	337	41	-	-	-	-	-	-	-	-	-	378
	Requested Funding Source	337	41	-	-	-	-	-	-	-	-	-	378

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	337	41	-	-	-	-	-	-	-	-	-	378
	Total	337	41	-	-	-	-	-	-	-	-	-	378

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **UPGRADED FUEL SITE - KENNEDALE**  
 PROFILE: **16-25-4003**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Fuel & Oil Site Management**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2016
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Service Category:	Corporate Support
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Major Initiative:	
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<b>GROWTH</b>
16

<b>RENEWAL</b>
84

PREVIOUSLY APPROVED:	4,330
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,330
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**PROFILE DESCRIPTION**

This profile provides for the purchase of land and the replacement of aging fuel systems (tanks and associated equipment) before catastrophic failure. The site has surpassed the useful life of 25 years.

**PROFILE BACKGROUND**

The Kennedale fuel station infrastructure has exceeded expected useful service life and lacks new industry design standards for environmental protection. The infrastructure requires upgrading to support the City's daily fuel requirements.

**PROFILE JUSTIFICATION**

To comply with environmental and fire code requirements. The replacement of these tanks will ensure the protection of the environment.

**STRATEGIC ALIGNMENT**

This initiative supports the 10-Year Strategic Goal - Shift Edmonton's Transportation Mode as well as The Way We Move.

**ALTERNATIVES CONSIDERED**

The costs of decommissioning the existing fuel site and acquiring new lands to build a new fuel facility versus renewing the existing fuel site will be \$4.3M based on conceptual design estimates.

**COST BENEFITS****Tangible Benefits**

- Reduced maintenance
- Reduce environmental liability
- Allow for expansion

**Intangible Benefits**

- Highest safety and environmental design standards
- Efficient use of space

**KEY RISKS & MITIGATING STRATEGY**

Key risks of not implementing the project include:

- ☐ Environmental liability as a result of release of fuels due to aging infrastructure.
- ☐ Immediate shut down of fueling services if a leak was to occur, preventing or limiting fueling services.

**RESOURCES**

Project management of this project will be provided by the PMMS Branch. Fleet Services will use internal staff resources to assist with scheduling and facilitating the work so that it does not impact current fleet operations.

**CONCLUSIONS AND RECOMMENDATIONS****Recommendations**

This report recommends Option 1 of decommissioning the existing Kennedale fuel site, acquiring new lands, and building a new fuel site that meet industry standards.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Upgraded Fuel Site - Kennedale****FUNDED**PROFILE NUMBER: **16-25-4003**PROFILE TYPE: **Standalone**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330
	Current Approved Budget	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	305	2,998	-	-	-	-	-	-	-	-	3,303
	Pay-As-You-Go	-	713	315	-	-	-	-	-	-	-	-	1,028
	Current Approved Funding Sources	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	305	2,998	-	-	-	-	-	-	-	-	3,303
	Pay-As-You-Go	-	713	315	-	-	-	-	-	-	-	-	1,028
	Requested Funding Source	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,150	-	-	-	-	-	-	-	-	3,150
	Design	-	341	-	-	-	-	-	-	-	-	-	341
	Land	-	676	-	-	-	-	-	-	-	-	-	676
	Land Improvements	-	-	163	-	-	-	-	-	-	-	-	163
	Total	-	1,017	3,313	-	-	-	-	-	-	-	-	4,330

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VEHICLE AND EQUIPMENT REPLACEMENT**  
 PROFILE: **CM-25-1001**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Vehicle & Equipment Management**  
 LEAD BRANCH: **Fleet Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Steve Rapanos
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	87,243
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	87,243
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**PROFILE DESCRIPTION**

This composite project includes the total replacement cost of City Department fleets, which are within the Fleet replacement fund. All units proposed have reached their operational life cycle.

**PROFILE BACKGROUND**

Fleet Services manages annual vehicle and equipment replacement for units that are at the end of their useful service life. Based on an internal life cycle review, there are approximately 933 units scheduled for replacement from 2015 – 2018.

**PROFILE JUSTIFICATION**

Timely replacement of vehicles and equipment past their operational life cycle is critical as it affects the ability of the line departments to provide service to citizens if the reliability of the fleet is in question.

**STRATEGIC ALIGNMENT**

Ensure Edmonton's financial sustainability through The Way We Finance. Ensures that the City has well managed and sustainable assets and services. To preserve Edmonton's environment by minimizing the impact on air, land and water systems.

**ALTERNATIVES CONSIDERED**

Other Alternatives:

1. Performing costly repairs exceeding the value of the asset
2. Paying monthly rental fees in the event that a like-unit rental would be available

**COST BENEFITS**

Tangible Benefits

- Reduced cost in unscheduled repairs due to vehicle/equipment exceeding its useful service life
- Access to newer technology and higher efficiency vehicles/equipment reduces fuel costs and emissions
- Minimize the total life-cycle costs of the fleet
- Increased service reliability

Intangible Benefits

- Access to newer and more efficient technology
- Reduced down time for unscheduled repair work

**KEY RISKS & MITIGATING STRATEGY**

Key Risks:

- Decreased fleet utilization
- Disruption or delays in City services
- Increased operating costs
- Increased load on City maintenance/repair facilities

**RESOURCES**

Assets identified for replacement are purchased with consideration given to the best financial and operational benefit, and utilize the open procurement processes of a tender call.

**CONCLUSIONS AND RECOMMENDATIONS**

This report recommends the approval for the replacement of approximately 930 vehicles and equipment participating in the Replacement Fund Program that will be at the end of their useful service life between 2015 and 2018.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Vehicle and Equipment Replacement****FUNDED**PROFILE NUMBER: **CM-25-1001**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243
	2015 Cap Administrative	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243
	Approved Funding Sources												
	Fleet Services Replacement Rsv	-	19,951	17,487	23,441	26,208	-	-	-	-	-	-	87,086
	Pay-As-You-Go	-	157	-	-	-	-	-	-	-	-	-	157
	Current Approved Funding Sources	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243
	Requested Funding Source												
	Fleet Services Replacement Rsv	-	19,951	17,487	23,441	26,208	-	-	-	-	-	-	87,086
	Pay-As-You-Go	-	157	-	-	-	-	-	-	-	-	-	157
	Requested Funding Source	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Fleet Equipment	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243
	Total	-	20,108	17,487	23,441	26,208	-	-	-	-	-	-	87,243

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FUEL SITE & OIL TANK REPLACEMENTS**  
 PROFILE: **CM-25-3002**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Fuel & Oil Site Management**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2020
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	2,723
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,723
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**PROFILE DESCRIPTION**

This project provides the replacement of aging fuel systems (tanks and associated equipment) before catastrophic failure. Ground analysis has been performed at the sites, as part of the risk analysis, to help determine priorities for upgrades. Fuel tank infrastructure has to comply with environmental (ISO) and fire code standards.

The fuel systems to be replaced are at the Ferrier Bus maintenance facility, as well as the replacement of the underground used tank at the Paterson bus maintenance facility.

**PROFILE BACKGROUND**

Fleet Services maintains and operates fuel dispensing stations at four bus maintenance facilities.

Fuel infrastructure is approaching, or has exceeded, their expected useful service life. Upgrades are required to support daily fuel requirements.

**PROFILE JUSTIFICATION**

To comply with environmental and fire code requirements. These sites have surpassed the useful life of 25 years as an average. The replacement of these tanks will ensure the protection of the environment. Prevention of such negative environmental impacts ensures the fuel site can remain operational and available to the clients it serves. Leaks would result in immediate shut-down at a detriment in service to the client base.

**STRATEGIC ALIGNMENT**

This initiative supports the 10-Year Strategic Goal - Shift Edmonton's Transportation Mode as well as The Way We Move.

**ALTERNATIVES CONSIDERED**

Other Alternatives:

1. Prolong the life of Fuel/Oil Storage Tank systems as best as possible through scheduled maintenance/inspections.
2. Continue to monitor tanks through leak detection methods

**COST BENEFITS**

Tangible

- Reduced maintenance, repair work, and monitoring
- Reduce environmental liability
- Increases storage

Intangible

- Infrastructure would meet standards
- Efficient and undisturbed flow of service
- Reduced down time

**KEY RISKS & MITIGATING STRATEGY**

Key risks of not implementing the project include:

- Environmental liability as a result of release of fuels due to aging infrastructure, and
- Immediate shut down of fueling services if a leak was to occur, preventing or limiting fueling services.

**RESOURCES**

Project management of this project will be provided by the PMMS Branch. Fleet Services will use internal staff resources to assist with scheduling and facilitating the work so that it does not impact current fleet operations.

**CONCLUSIONS AND RECOMMENDATIONS**

This report recommends replacing the fuel system at the Ferrier Bus maintenance facility, as well as the replacement of the underground used tank at the Paterson bus maintenance facility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fuel Site & Oil Tank Replacements****FUNDED**PROFILE NUMBER: **CM-25-3002**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	104	269	2,349	-	-	-	-	-	-	-	2,723
	Current Approved Budget	-	104	269	2,349	-	-	-	-	-	-	-	2,723
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	269	2,349	-	-	-	-	-	-	-	2,619
	Pay-As-You-Go	-	104	-	-	-	-	-	-	-	-	-	104
	Current Approved Funding Sources	-	104	269	2,349	-	-	-	-	-	-	-	2,723

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	104	269	2,349	-	-	-	-	-	-	-	2,723
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	269	2,349	-	-	-	-	-	-	-	2,619
	Pay-As-You-Go	-	104	-	-	-	-	-	-	-	-	-	104
	Requested Funding Source	-	104	269	2,349	-	-	-	-	-	-	-	2,723

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	1,858	-	-	-	-	-	-	-	1,858
	Design	-	-	269	-	-	-	-	-	-	-	-	269
	Equip FurnFixt	-	104	-	-	-	-	-	-	-	-	-	104
	Land Improvements	-	-	-	492	-	-	-	-	-	-	-	492
	Total	-	104	269	2,349	-	-	-	-	-	-	-	2,723

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VEHICLE & EQUIPMENT HOIST PROGRAM**  
 PROFILE: **CM-25-3003**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
2

RENEWAL
98

PREVIOUSLY APPROVED:	6,921
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,921
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**PROFILE DESCRIPTION**

This project funds the replacement of 23 in-ground floor hoists that have exceeded their life expectancy. These hoists are between 20 and 25 years old and are deteriorating due to wear and corrosion.

**PROFILE BACKGROUND**

Fleet Services requires the replacement of 30 automotive hoists and the purchase of 5 mobile hoists for growth. The replacement hoists have exceeded their useful service life and do not meet today's Automotive Lift Institute's safety standards.

**PROFILE JUSTIFICATION**

To comply with safety and environmental requirements. These hoists need to be upgraded to reduce the risk of environmental damage from hydraulic leaks and to incorporate the latest safety features available in modern hoists. Due to safety requirements, hoists need to be replaced prior to catastrophic failure.

**STRATEGIC ALIGNMENT**

Ensure financial sustainability through the Way We Finance. Ensure the City has well managed and sustainable assets and services. Preserve and sustain Edmonton's environment to minimize impact of City operations on air, land, and water systems.

**ALTERNATIVES CONSIDERED**

The alternatives are the City either replaces the hoists as planned or assume the risks for not replacing them in a timely manner. All failed hoists would close bays for operational use and pose significant safety risks.

**COST BENEFITS**

Tangible Benefits

- Increased productivity
- Increased safety environmental protection

Intangible Benefits

- More efficient equipment
- Reduced down time

**KEY RISKS & MITIGATING STRATEGY**

Key risks of not replacing the in-ground hoists recommended include:

- An increased risk of undetected site contamination
- Excessive down-time of hoist
- Risk of serious injury or even death resulting from failure of a lifting hoist.

**RESOURCES**

Project management of this project will be provided by the PMMS Branch. Fleet Services will use internal staff resources to assist with scheduling and facilitating the work so that it does not impact current fleet operations.

**CONCLUSIONS AND RECOMMENDATIONS**

Recommendations

This report recommends the approval for the replacement of 23 in-ground vehicle hoists, having reached or exceeded the end of their useful service life.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Vehicle & Equipment Hoist Program****FUNDED**PROFILE NUMBER: **CM-25-3003**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921
	Current Approved Budget	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,824	2,078	2,345	-	-	-	-	-	-	-	6,246
	Pay-As-You-Go	-	333	254	43	44	-	-	-	-	-	-	674
	Current Approved Funding Sources	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,824	2,078	2,345	-	-	-	-	-	-	-	6,246
	Pay-As-You-Go	-	333	254	43	44	-	-	-	-	-	-	674
	Requested Funding Source	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	-	-	44	-	-	-	-	-	-	44
	Equip FurnFixt	-	2,156	2,333	2,388	-	-	-	-	-	-	-	6,877
	Total	-	2,156	2,333	2,388	44	-	-	-	-	-	-	6,921

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TOOLS & SHOP EQUIPMENT PROGRAM**  
 PROFILE: **CM-25-3005**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH: **Fleet Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Steve Rapanos
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
11

RENEWAL
89

PREVIOUSLY APPROVED:	3,618
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,618
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**PROFILE DESCRIPTION**

To replace worn, obsolete, out of date tools and equipment for the support, maintenance and repair of the City of Edmonton's vehicle fleet.

**PROFILE BACKGROUND**

There are tools and equipment within Fleet Services' inventory that are 20+ years' old and have reached or exceeded its service life.

**PROFILE JUSTIFICATION**

Shop tools and equipment are managed to ensure optimum economic life of the fleet is achieved. Tools and equipment are required for fleet repair, maintenance, and body work. Thus, the availability of operational tools and equipment is critical in fulfilling this service. This program is required to achieve that goal.

**STRATEGIC ALIGNMENT**

This initiative supports the 10-Year Strategic Goal - Shift Edmonton's Transportation Mode as well as The Way We Move.

**ALTERNATIVES CONSIDERED**

Other Alternatives:

1. Repair broken tools and equipment if possible
2. Outsource repairs if tools are unavailable to purchase or repair
3. Delay or cancellation of projects

**COST BENEFITS**

Tangible Benefits

- Reduced down time due to unscheduled repair costs
- Higher vehicle turn-around/fleet availability

Intangible Benefits

- Access to newer and more efficient technology
- Improve employee safety

**KEY RISKS & MITIGATING STRATEGY**

Key risks of not replacing tools or equipment pass their service life include:

- Loss in productivity or maintenance down time
- Compromised Fleet availability
- Potential risk of serious injury

**RESOURCES**

Fleet Services will utilize internal staff resources from the Building Maintenance and Equipment area to assist with scheduling and facilitating the work so that it does not impact current fleet operations. .

**CONCLUSIONS AND RECOMMENDATIONS**

Recommendations

This report recommends the approval for the funding of to replace tools/equipment that are passed their service life and no longer serving its function and the purchase for new tools/equipment for growth.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Tools & Shop Equipment Program****FUNDED**PROFILE NUMBER: **CM-25-3005**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	968	902	864	883	-	-	-	-	-	-	3,618
	Current Approved Budget	-	968	902	864	883	-	-	-	-	-	-	3,618
	Approved Funding Sources												
	Pay-As-You-Go	-	968	902	864	883	-	-	-	-	-	-	3,618
	Current Approved Funding Sources	-	968	902	864	883	-	-	-	-	-	-	3,618

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	968	902	864	883	-	-	-	-	-	-	3,618
	Requested Funding Source												
	Pay-As-You-Go	-	968	902	864	883	-	-	-	-	-	-	3,618
	Requested Funding Source	-	968	902	864	883	-	-	-	-	-	-	3,618

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	968	902	864	883	-	-	-	-	-	-	3,618
	Total	-	968	902	864	883	-	-	-	-	-	-	3,618

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT BUS WASH REPLACEMENTS**  
 PROFILE: **CM-25-3007**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Fleet Services**  
 PROGRAM NAME: **Maintenance Garage Infrastructure**  
 LEAD BRANCH: **Facility and Landscape Infrastructure**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Steve Rapanos
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LEAD BRANCH MANAGER:	Adam Laughlin
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	4,808
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,808
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**PROFILE DESCRIPTION**

This project funds the replacement of the Central, Davies, Ferrier and Mitchell car/bus washes that have exceed their life expectancy and have become obsolete.

**PROFILE BACKGROUND**

Fleet Services currently has bus wash systems that have exceeded their useful life, are expensive to maintain, and are not meeting functional requirements. An upgrade to the system is required.

**PROFILE JUSTIFICATION**

The washes proposed have reached their life expectancy and the equipment is obsolete creating high maintenance costs. This equipment is also not meeting operational requirements and have high frequencies of damaging City fleet.

**STRATEGIC ALIGNMENT**

This initiative supports the 10-Year Strategic Goal - Shift Edmonton's Transportation Mode as well as The Way We Move.

**ALTERNATIVES CONSIDERED**

Alternatives:

- 1) Replace undating technology
- 2) Do not replace and assume risks

**COST BENEFITS**

Tangible

- Reduce down time for unscheduled repair work.
- Cleaner buses and less wear on exterior bus fleet.
- Reduce water consumption and waste disposal costs

Intangible

- Citizens see improved cleanliness of the exterior of the buses

**KEY RISKS & MITIGATING STRATEGY**

Key risks of not renewing the bus wash system:

- Down-time due for bus cleaning services
- Collection of sediments and wash water can potentially create frequent drainage problems
- Damage to the bus fleet and a reduction in bus cleanliness

**RESOURCES**

Project management of this project will be provided by the PMMS Branch. Fleet Services will use internal staff resources to assist with scheduling and facilitating the work so that it does not impact current fleet operations.

**CONCLUSIONS AND RECOMMENDATIONS**

This report recommends the approval for the replacement of bus wash systems at the Ferrier and Mitchell Transit Facilities that have reached the end of their useful service life within the 2015 – 2018 capital plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit Bus Wash Replacements****FUNDED**PROFILE NUMBER: **CM-25-3007**PROFILE TYPE: **Composite**BRANCH: **Fleet Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808
	Current Approved Budget	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	219	1,788	2,330	-	-	-	-	-	-	4,337
	Pay-As-You-Go	-	110	24	158	179	-	-	-	-	-	-	471
	Current Approved Funding Sources	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	219	1,788	2,330	-	-	-	-	-	-	4,337
	Pay-As-You-Go	-	110	24	158	179	-	-	-	-	-	-	471
	Requested Funding Source	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	1,022	1,351	-	-	-	-	-	-	2,373
	Design	-	-	242	193	-	-	-	-	-	-	-	435
	Equip FurnFixt	-	-	-	731	717	-	-	-	-	-	-	1,448
	Other Costs	-	110	-	-	441	-	-	-	-	-	-	551
	Total	-	110	242	1,946	2,510	-	-	-	-	-	-	4,808

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INCIDENT MANAGEMENT**  
 PROFILE: **07-18-0504**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Jarman A.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2007
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	937
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	937
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**PROFILE DESCRIPTION**

An incident is typically something that causes harm or damage to an individual, or property and is of consequence to the City. Incidents include things like, accidents, building alarms, other security incidents, personal injuries, crimes, etc. Some, but not all, incidents can result in claims against the City or by the City against 3rd parties and/or legal actions. Most incident reporting and management is paper based, but there are pockets of automation in Risk Management, Corporate Security and Edmonton Transit.

The up-front analysis portion of the project will be broad enough to document current practices and identify improvement opportunities across all City departments. Initial improvements will extend existing incident management automation in Risk Management, Corporate Security and Edmonton Transit. Subsequent initiatives to further extend automation and process improvement opportunities out to all departments will be identified in future capital budget submissions. The scope of the project includes replacement of the OMEGA system currently used by Risk Management. OMEGA replacement was previously listed in the 2006 Capital Budget as a stand-alone item.

**PROFILE JUSTIFICATION**

Failure to improve incident management and reporting will perpetuate existing inefficiencies and miss opportunities to harvest incident data for use in trend and root cause analysis for risk mitigation and operational improvement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Incident Management****FUNDED**PROFILE NUMBER: **07-18-0504**PROFILE TYPE: **Standalone**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	660	-	-	-	-	-	-	-	-	-	-	660
	2008 CBS Budget Adjustment	-182	-	-	-	-	-	-	-	-	-	-	-182
	2009 CBS Budget Adjustment	173	-	-	-	-	-	-	-	-	-	-	173
	2010 CBS Budget Adjustment	269	-	-	-	-	-	-	-	-	-	-	269
	2011 CBS Budget Adjustment	39	-	-	-	-	-	-	-	-	-	-	39
	2012 CBS Budget Adjustment	-385	-	-	-	-	-	-	-	-	-	-	-385
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	363	-	-	-	-	-	-	-	-	-	-	363
	2014 Cap Carry Forward	-70	70	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	867	70	-	-	-	-	-	-	-	-	-	937
	Approved Funding Sources												
	Operating Surplus	-	-	-	-	-	-	-	-	-	-	-	-
	Operating Surplus (FSR)	250	-	-	-	-	-	-	-	-	-	-	250
	Pay-As-You-Go	617	70	-	-	-	-	-	-	-	-	-	687
	Current Approved Funding Sources	867	70	-	-	-	-	-	-	-	-	-	937

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	867	70	-	-	-	-	-	-	-	-	-	937
	Requested Funding Source												
	Operating Surplus	-	-	-	-	-	-	-	-	-	-	-	-
	Operating Surplus (FSR)	250	-	-	-	-	-	-	-	-	-	-	250
	Pay-As-You-Go	617	70	-	-	-	-	-	-	-	-	-	687
	Requested Funding Source	867	70	-	-	-	-	-	-	-	-	-	937

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	937	-	-	-	-	-	-	-	-	-	-	937
	Technology	-70	70	-	-	-	-	-	-	-	-	-	-
	Total	867	70	-	-	-	-	-	-	-	-	-	937

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HUMAN RESOURCES INFORMATION SYSTEMS**  
 PROFILE: **09-18-0700**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **MacPherson J.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Corporate Support</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,600</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,600</b>

**PROFILE DESCRIPTION**

It is desired to continue leveraging our Human Resources Information Systems both by decreasing the number of applications supporting the same business function, and by streamlining the processes around employee information to ensure that they are consistently applied across the organization. As business process management evolves, key processes for improvement will continue to be identified.

This project covers evaluating, designing and implementing employee and manager processes for our Human Resources Information System. In addition implementation of new functionality and processes are being explored. Within the next 10 years, the expected outcomes of enhancing applications to enable an Enterprise Resource planning tool for the City of Edmonton that will include:

- \* Enabling managers to access current information through dashboards
- \* Supporting the talent management strategies ? e.g. performance management, career development, and succession planning
- \* Ensure alignment with current technologies by keeping current with new version releases
- \* Empowering the City of Edmonton employees ability to access information through self service applications ? e.g. performance, training, personal information, paycheque, tax information, time entry, vacation approval, etc.
- \* Interacting seamlessly with financial/budgeting applications to enable the City of Edmonton to always have accurate timely information

**PROFILE JUSTIFICATION**

This project constitutes part of a long-range plan which will further Management's vision of a more common and consistent approach to business processes across the corporation. It addresses the corporate desire to improve business practices, and increase the success of existing and future investments through carefully defining and managing change. This project is a key driver of the business vision of a corporate-wide view and consistent, repeatable processes and practices across the organization.

Risks of not fully funding this project include delayed changes to the business processes across the organization, as well as not effectively utilizing the technology enablers provided within the enterprise applications. Included are citizen impacts as well as internal ones.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Human Resources Information Systems****FUNDED**PROFILE NUMBER: **09-18-0700**PROFILE TYPE: **Standalone**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,262	-	-	-	-	-	-	-	-	-	-	6,262
	2009 CBS Budget Adjustment	-1,326	-	-	-	-	-	-	-	-	-	-	-1,326
	2010 CBS Budget Adjustment	-225	-	-	-	-	-	-	-	-	-	-	-225
	2011 CBS Budget Adjustment	962	-	-	-	-	-	-	-	-	-	-	962
	2012 CBS Budget Adjustment	109	-	-	-	-	-	-	-	-	-	-	109
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-182	-	-	-	-	-	-	-	-	-	-	-182
	2014 Cap Carry Forward	-1,043	1,043	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600
	Approved Funding Sources												
	Pay-As-You-Go	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600
	Current Approved Funding Sources	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600
	Requested Funding Source												
	Pay-As-You-Go	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600
	Requested Funding Source	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	5,600	-	-	-	-	-	-	-	-	-	-	5,600
	Technology	-1,043	1,043	-	-	-	-	-	-	-	-	-	-
	Total	4,557	1,043	-	-	-	-	-	-	-	-	-	5,600

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WORKSPACE EDMONTON**  
 PROFILE: **11-18-0750**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Moore C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Corporate Support</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>7,877</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>7,877</b>

**PROFILE DESCRIPTION**

The City of Edmonton (CoE) is making a fundamental shift in how it uses computer based productivity tools. The Workspace Edmonton (WE) Initiative was created to establish the foundation for productivity and collaboration technologies for the business to leverage for the next decade. The vision and direction of Workspace Edmonton is to provide City of Edmonton employees with the capability to work anytime, from any place, with any device.

## Scope:

This initiative covers two primary components:

1. Desktop Productivity Tools (Cloud)
  2. Central Software Systems - Desktop and Application Virtualization
- Detailed scope for each of these can be found in the WE Business Case.

The Workspace Edmonton Initiative has enterprise wide reach, including office worker desktops, mobile workers, back-office systems and external partners. The Initiative addresses the sustainability of the City's approach to supporting the existing services, will bring forward discussion and decisions on information security and privacy (relative to cloud computing), and will lead to changes in the way work is performed by many City employees. It provides a solution that will provide the City's employees with an office productivity suite that will effectively meet their current and future needs as they create, use, transform, consume, share or manage information in the course of their work. In order to accomplish this, this initiative will move the City away from a cost model where software is installed on each computer (the Client/Server Model) to a solution where the software is housed on servers in the City of Edmonton (Virtualization) or is housed on the Internet (the Cloud model) and is available and accessed from any device when it is needed.

**PROFILE JUSTIFICATION**

For the past several years, the City of Edmonton has been exploring a options for the delivery of a solution that will provide the City's information workers with an office productivity suite that will effectively meet their current and future needs. In addition, the need to update the present Microsoft Office applications, e-mail, and collaboration services and tools to a more current and flexible technology has become a pressing requirement.

The Workspace Edmonton (WE) initiative was created to establish the foundation for productivity and collaboration technologies for the business to leverage for the next decade.

The benefits of Workspace Edmonton can be divided into a number of categories. There are financial and non-financial benefits, benefits associated with the Desktop Productivity Tools, the Central Software System (Virtualization) tools and benefits for the combined solution. There are also benefits for individual stakeholder groups or business areas such as the IT Branch. All of the benefits and cost are outlined in the WE business case.

The move to Google Apps Premier Edition combined with MS Office and SharePoint (where required) will allow the corporation to implement a suite of collaboration tools to meet business needs and is projected to allow cost avoidance of \$9 million over five years.

Desktop and Application Virtualization is projected to allow cost avoidance of \$5.5 million over five years.

## Alignment:

Secondary Goal: A Well Managed City

Secondary Outcome: The City of Edmonton delivers valued, quality, cost-effective services to its citizens

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Workspace Edmonton****FUNDED**PROFILE NUMBER: **11-18-0750**PROFILE TYPE: **Standalone**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,012	-	-	-	-	-	-	-	-	-	-	6,012
	2011 CBS Budget Adjustment	1,468	-	-	-	-	-	-	-	-	-	-	1,468
	2012 CBS Budget Adjustment	-3,494	-	-	-	-	-	-	-	-	-	-	-3,494
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,891	-	-	-	-	-	-	-	-	-	-	3,891
	2014 Cap Carry Forward	-1,169	1,169	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877
	Approved Funding Sources												
	Pay-As-You-Go	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877
	Current Approved Funding Sources	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877
	Requested Funding Source												
	Pay-As-You-Go	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877
	Requested Funding Source	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	7,877	-	-	-	-	-	-	-	-	-	-	7,877
	Technology	-1,169	1,169	-	-	-	-	-	-	-	-	-	-
	Total	6,708	1,169	-	-	-	-	-	-	-	-	-	7,877

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INFORMATION MANAGEMENT INFRASTRUCTURE**  
 PROFILE: **12-18-0001**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Moore C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Corporate Support</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,128</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,128</b>

**PROFILE DESCRIPTION**

This budget profile funds the upgrade and replacement of the City's Information Technology and Communications (ICT) Infrastructure. The ICT Infrastructure includes all of the hardware and related software used to support and interconnect the IT infrastructure with the corporations business units, partners, and external users. The IT Infrastructure components include: data center facilities; servers (application, presentation, integration & database); network hardware, software & services; storage hardware & software; back-up and recovery software; security hardware, software & services; as well as Infrastructure management hardware, software & services.

**Scope:**

The scope covers annual ICT Infrastructure renewal plans(upgrade or replacement). Upgrades and/or replacement projects included in the annual plans are prioritized based on an assessment of the component condition, capacity and functionality, as well as risk and impact assessments. Funded projects are for renewal of existing technology assets only, growth projects are not included.

**PROFILE JUSTIFICATION****Justification**

Failure to replace the IT infrastructure components in a timely fashion places them at risk of failure, causing interruption to City services and potentially increasing costs to recover from business interruptions. Remaining on vendor supported technology reduces risk of failure minimises the cost of IT infrastructure maintenance, and reduces the possibility of extended service interruptions because of obsolete equipment. Advances in computing technology continue to occur at an extremely rapid pace and vendors only provide support for a limited number of hardware products.

This budget profile provides for the upgrade or replacement of functionally obsolete IT Infrastructure components, ensures the City is upgrading infrastructure component software to versions that are vendor supported, and ensures up to date security software is in place to minimize the risk of unauthorized access to the City's networks and assets.

**Alignment:**

Secondary Goal: Well Managed City

Secondary Outcome: The City of Edmonton delivers valued, quality, cost-effective services to its citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Information Management Infrastructure****FUNDED**PROFILE NUMBER: **12-18-0001**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	12,672	-	-	-	-	-	-	-	-	-	-	12,672
	2012 CBS Budget Adjustment	-1,263	-	-	-	-	-	-	-	-	-	-	-1,263
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,124	-	-	-	-	-	-	-	-	-	-	1,124
	2014 Cap Carry Forward	-679	679	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-405	-	-	-	-	-	-	-	-	-	-405
	Current Approved Budget	11,854	274	-	-	-	-	-	-	-	-	-	12,128
	Approved Funding Sources												
	Pay-As-You-Go	11,854	274	-	-	-	-	-	-	-	-	-	12,128
	Current Approved Funding Sources	11,854	274	-	-	-	-	-	-	-	-	-	12,128

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,854	274	-	-	-	-	-	-	-	-	-	12,128
	Requested Funding Source												
	Pay-As-You-Go	11,854	274	-	-	-	-	-	-	-	-	-	12,128
	Requested Funding Source	11,854	274	-	-	-	-	-	-	-	-	-	12,128

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	11,854	274	-	-	-	-	-	-	-	-	-	12,128
	Technology	-	-	-	-	-	-	-	-	-	-	-	-
	Total	11,854	274	-	-	-	-	-	-	-	-	-	12,128

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUSINESS UNIT APPLICATIONS**  
 PROFILE: **12-18-0500**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Moore C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Corporate Support</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,199</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,199</b>

**PROFILE DESCRIPTION**

This profile provides funding for the ongoing renewal, upgrade and replacement of the City's Business Unit Specific IT Applications. Changes in technology and business needs result in business applications that are functionally obsolete and/or that are not vendor supported. Upgrades and replacements are required to continue to keep the City's business unit applications stable and secure and to ensure that software support is available from the vendors in the event of a service disruption.

**Scope:**

The City has a current inventory of 124 business unit specific IT applications (54 third party and 70 custom developed). Each department currently has a number of business unit specific applications supporting their service delivery. Examples of some of these applications include CLASS, Trapeze, Tririga, & SIRE and Photo Enforcement. This initiative provides for continuous improvement for the City's custom developed applications, and will provide for replacement of custom developed applications about every ten years. Third party applications require a major upgrade approximately every two to three years. This profile only funds renewal of existing business unit applications and does not fund new applications.

#67 - Transfer \$290 to Transportation Services profile #09-66-1420 to cover actual costs for the 2011 Hastus Upgrade Project which will be completed in 2012

**PROFILE JUSTIFICATION**

The City has a current inventory of 54 third party and 70 custom developed business unit specific applications. Out of the 124 business unit specific applications in the RIMS database, 52 applications have a condition rating of (D) or (F). These applications will require renewal / replacement over the next five years in order to maintain service availability.

Computer software is constantly changing and manufacturers only support a limited number of software versions. These changes are outside the city's control. However to minimize the risk of service interruptions the city must stay on supported versions of software so that in the event of a technical problem, assistance is available. Failure to upgrade software in a timely manner, or remaining on unsupported products, places the delivery of city services at risk in the event of a problem. Failing to maintain applications at vendor required support levels will result in the applications being unsupported, and could result in extended service disruptions.

**Alignment:**

Secondary Goal: Well Managed City

Secondary Outcome: The City of Edmonton provides valued, quality, cost-effective services to its citizens

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Business Unit Applications****FUNDED**PROFILE NUMBER: **12-18-0500**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,535	-	-	-	-	-	-	-	-	-	-	9,535
	2012 CBS Budget Adjustment	-1,433	-	-	-	-	-	-	-	-	-	-	-1,433
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,143	-	-	-	-	-	-	-	-	-	-	1,143
	2014 Cap Carry Forward	-2,259	2,259	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,046	-	-	-	-	-	-	-	-	-	-1,046
	Current Approved Budget	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199
	Approved Funding Sources												
	Pay-As-You-Go	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199
	Current Approved Funding Sources	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199
	Requested Funding Source												
	Pay-As-You-Go	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199
	Requested Funding Source	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199
	Technology	-	-	-	-	-	-	-	-	-	-	-	-
	Total	6,986	1,213	-	-	-	-	-	-	-	-	-	8,199

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IT ENTERPRISE APPLICATION RENEWAL**  
 PROFILE: **CM-18-1504**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH: **Information Technology**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	David Booth
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LEAD BRANCH MANAGER:	David Booth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	14,922
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	14,922
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**PROFILE DESCRIPTION**

This initiative covers IT foundational work required to ensure that the City's Enterprise Business Applications are effectively and efficiently managed, and maintained. This foundational work will ensure renewal of the applications through necessary application upgrades.

Most of these applications have been utilized for over fifteen years and while significant investment has been made to implement and upgrade these systems, as well as to merge legacy systems into them, they require ongoing foundational investments to be made. Although the application's age may seem old for a computer application, these "enterprise" class applications can be sustained for several decades providing they receive the appropriate ongoing renewal through upgrades.

**PROFILE BACKGROUND**

The ERP application strategy endorses the objective of ensuring that business applications used to support common processes and practices are leveraged by other departments or business units that perform the same or similar tasks. A common toolset was chosen for the Enterprise Applications (SAP, PeopleSoft, Spatial, POSSE, Business Intelligence/Data Warehouse, WEB/SharePoint, TACS, and CLASS) and the corporation has since been working on leveraging that investment both by decreasing the number of applications supporting the same business function, and by streamlining processes, ensuring they are consistently applied across the corporation, and are aligned with departmental and corporate strategic objectives. Funding to implement significant new enterprise application functionality, including new modules, will be submitted separately as growth/enhancement initiatives.

**PROFILE JUSTIFICATION**

It is important to include foundational or sustaining projects within the IT project portfolio in order to manage risk, refresh infrastructure, and maintain performance of the enterprise applications. Risks of not funding this project include:

- sustainability of the enterprise applications will become inefficient, resulting in increased operating and maintenance costs
- not effectively utilizing the technology enablers provided within the enterprise applications
- management of enterprise applications will not be optimized resulting in increased support costs
- new foundational technologies will be not effectively and efficiently integrated into the enterprise applications.

**STRATEGIC ALIGNMENT**

This initiative has a strong alignment with "The Way We Finance", and "Transforming Edmonton and Me" and contributes directly to the Corporate Outcome "The City has well managed and sustainable assets and services".

**COST BENEFITS****Tangible Benefits**

- Business areas are able to continue providing their services in efficient, automated ways.
- Continued Vendor support, resulting in uninterrupted business services.
- Vendors will assist us resolving problems if they occur.

**Intangible Benefits**

- Business units are satisfied with the application and they can rely on it.
- IT Services are sustainable

**KEY RISKS & MITIGATING STRATEGY**

Upgrading or replacing enterprise applications require a large coordination effort and all areas must be available for successful planning, testing and implementation. Renewal is more difficult if resources are not available.

**RESOURCES**

Resourcing for each application renewal may vary but would likely be a combination of internal IT staff, vendors, contractors, and business application users.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

All business areas are impacted by the results of this initiative. Enterprise applications promote common processes and practices embedded within the business, which positively impacts their ability to perform their work.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **IT Enterprise Application Renewal****FUNDED**PROFILE NUMBER: **CM-18-1504**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Current Approved Budget	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Approved Funding Sources												
	Pay-As-You-Go	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Current Approved Funding Sources	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Requested Funding Source												
	Pay-As-You-Go	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Requested Funding Source	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922
	Total	-	5,376	2,500	3,573	3,473	-	-	-	-	-	-	14,922

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Information Technology	-	117	117	-	-	38	38	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	117	117	-	-	38	38	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IT INFRASTRUCTURE RENEWAL**  
 PROFILE: **CM-18-1505**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH: **Information Technology**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	David Booth
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LEAD BRANCH MANAGER:	David Booth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	23,505
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	23,505
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**PROFILE DESCRIPTION**

This initiative covers foundational work required to ensure that the City's Information Technology and Communication (ITC) Infrastructure is effectively and efficiently managed, and maintained. This work will ensure renewal of the technology infrastructure through necessary upgrades.

Examples of expenditures under this budget include:

- Maintenance of SAN and backup environment;
- Maintenance of data centre and environmental controls;
- Server evergreening;
- Network evergreening;
- IT Branch Desktops evergreening;
- Expected server environment yearly growth;
- Expected network environment yearly growth;
- Necessary software upgrades to remain supported by the vendors; and
- Yearly security testing.

**PROFILE BACKGROUND**

This budget profile provides the funding for the renewal of the City's ITC Infrastructure. The ITC Infrastructure includes all of the hardware and software used to support and interconnect computers and users within the corporation. The ITC Infrastructure components include:

- Data center facilities;
- Servers (application, presentation, integration, database);
- Network hardware, software & services;
- Storage hardware & software;
- Back-up and recovery software;
- Security hardware, software & services; and
- Infrastructure management hardware, software & services.

This budget profile provides for the renewal of functionally obsolete ITC Infrastructure components, ensures that the City is upgrading infrastructure component software to versions that are vendor supported, and ensures up to date security software is in place to minimize the risk of unauthorized access to the City's networks.

**PROFILE JUSTIFICATION**

IT Infrastructure is the underlying backbone for all IT assets within the City. All software applications rely on this backbone to operate effectively. Maintaining the infrastructure to vendor-supported versions will ensure that the City has up to date infrastructure in place to minimize the risk of unauthorized access to the City's networks.

Failure to replace the ITC infrastructure components in a timely fashion places them at risk of failure, causing interruption to City-services and potentially increasing costs to recover from interruptions. Remaining on vendor-supported technology reduces risk of failure and cost of maintenance, and minimizes the risk of extended service interruptions because of obsolete equipment. Advances in computing technology continue to occur at an extremely rapid pace and vendors only provide support for a limited number of hardware products.

**STRATEGIC ALIGNMENT**

The Way We Grow  
 The Way We Move  
 The Way We Green  
 The Way We Finance

# CAPITAL PROFILE REPORT

## COST BENEFITS

- Business areas are able to continue providing their services in efficient, automated ways;
- Continued Vendor support ensuring uninterrupted business services (vendors will assist city-staff in resolving problems if they occur, which could not happen if upgrades were not kept current);
- Shorter outages when they occur and lower maintenance and support costs as a result; and
- Reduced IT support required on renewed applications.

## KEY RISKS & MITIGATING STRATEGY

Maintaining infrastructure at current vendor support levels is considered to be non-discretionary in order to maintain uninterrupted business services.

## RESOURCES

Resourcing for each aspect of infrastructure renewal may vary but would likely be a combination of internal IT staff, vendors and contractors.

## CONCLUSIONS AND RECOMMENDATIONS

Provide funding to support this initiative in order to maintain business services, and at the same time, develop a more detailed maintenance & upgrade plan in order to validate investment estimate requirements for future years.

**CAPITAL PROFILE REPORT**PROFILE NAME: **IT Infrastructure Renewal****FUNDED**PROFILE NUMBER: **CM-18-1505**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Current Approved Budget	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Approved Funding Sources												
	Pay-As-You-Go	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Current Approved Funding Sources	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Requested Funding Source												
	Pay-As-You-Go	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Requested Funding Source	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505
	Total	-	4,816	7,036	7,534	4,119	-	-	-	-	-	-	23,505

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUSINESS UNIT APPLICATION RENEWAL**  
 PROFILE: **CM-18-1506**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH: **Information Technology**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **David Booth**  
 LEAD BRANCH MANAGER: **David Booth**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

<b>Service Category: Corporate Support</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,998</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,998</b>

**PROFILE DESCRIPTION**

This profile will provide for ongoing renewal, upgrade or replacement of business unit specific IT applications.

This initiative will ensure the City's business unit specific applications are maintained at supported levels. Major upgrades are required approximately every two to three years. The ultimate outcome will be business service availability.

The City has a current inventory of over 140 business unit specific IT applications. Every application will require a major upgrade about every two to three years. The City also has a number of custom developed applications. These applications will require replacement about every ten years.

This initiative does not include ERP applications or infrastructure applications. It also does not include single user (desktop) applications.

**PROFILE BACKGROUND**

This initiative will provide ongoing renewal, upgrade and replacement of departmental applications, and ensure that all applications continue to be maintained at vendor support levels. Maintaining applications at current vendor support levels is considered to be non-discretionary.

Every department currently has a number of business unit specific applications to support their business. There are currently over 140 business unit specific applications in use at the CoE. Examples of some of these applications include CLASS, Trapeze, Tririga, DRAINS, and COBS. In order to ensure ongoing vendor support, these applications require regular upgrades. A major upgrade is required about every two to three years, at an average cost of about \$300,000 for a medium sized application such as RMS, and as much as \$3,000,000 for a major application such as CAD. There are also a number of custom developed applications that require replacement approximately every ten years.

**PROFILE JUSTIFICATION**

Applications need to be upgraded to current vendor support levels approximately every three years. This profile is required to upgrade and/or replace aging applications in order to maintain vendor support. Not upgrading / replacing applications could result in significant outages, leading to significant downtime and additional support costs for business areas in every department. Additionally, services provided to citizens could be significantly impacted.

**STRATEGIC ALIGNMENT**

This initiative has a strong alignment with the strategic goal "The Way We Finance", and contributes directly to the Corporate Outcome "The City has well managed and sustainable assets and services".

**COST BENEFITS****Tangible Benefits**

- Business areas are able to continue providing their services in efficient, automated ways.
- Continued Vendor support, resulting in uninterrupted business services.
- Reduced IT support required on renewed applications.

**Intangible Benefits**

- Satisfied customers and Application Owners.
- IT services are sustainable.

**KEY RISKS & MITIGATING STRATEGY**

Resource availability when required – The Project Manager will develop detailed workplans, in conjunction with key stakeholders to plan and schedule resource requirements and utilization.

**RESOURCES**

Resourcing for each application renewal would be a combination of internal IT staff, Vendors of third party applications, and business application users.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that funding be provided to support this initiative in order to maintain business services.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Business Unit Application Renewal****FUNDED**PROFILE NUMBER: **CM-18-1506**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,247	5,566	2,456	4,179	-	-	-	-	-	-	15,448
	2015 Cap Council	-	-450	-	-	-	-	-	-	-	-	-	-450
	Current Approved Budget	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998
	Approved Funding Sources												
	Pay-As-You-Go	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998
	Current Approved Funding Sources	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998
	Requested Funding Source												
	Pay-As-You-Go	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998
	Requested Funding Source	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998
	Total	-	2,797	5,566	2,456	4,179	-	-	-	-	-	-	14,998

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Information Technology	-	45	45	-	-	14	14	-	-	14	14	-	-	-	-	-
Total Operating Impact	-	45	45	-	-	14	14	-	-	14	14	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENTERPRISE APPLICATIONS GROWTH**  
 PROFILE: **CM-18-1508**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH: **Information Technology**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	David Booth
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LEAD BRANCH MANAGER:	David Booth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	13,933
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	13,933
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**PROFILE DESCRIPTION**

The ERP application growth initiatives described in this profile encompass the implementation of significantly new Enterprise Application functionalities and acquisition of new ERP modules not currently part of the City environment. The investment is directly associated with the asset acquisitions and resources required to plan and implement these IT ERP initiatives.

The following provides examples of the initiatives included in this profile:

- Pedestrian Wayfinding (Spatial)
- Spatial Business Intelligence (Data Warehouse & Business Intelligence)
- SAP Year End Forecasting tool (SAP)
- Performance and Talent Management System (HRIS Peoplesoft)
- Corporate Properties Integration (POSSE)
- MGA Changes (Taxation and Assessment)
- Social Media Tools Phase 2 (Internet /Intranet)

**PROFILE BACKGROUND**

There are currently eight Enterprise Application suites in use at the CoE. These include:

- SAP
- POSSE
- Spatial Applications (including SLIM, Microstation and more),
- Business Intelligence (including Open Data, Business Objects and more)
- Web/SharePoint
- CLASS
- PeopleSoft
- TACS

In order to address the business drivers facing the City of Edmonton, while leveraging the investment already made on Enterprise Application solutions, the City needs to proactively plan for and invest in the growth of the Enterprise Application suites. This profile outlines the consolidated corporate technology investment budget required to enhance the capabilities in the City's existing ERP application solutions to meet emerging internal and external stakeholder needs.

**PROFILE JUSTIFICATION**

Investment in ERP application growth initiatives as outlined in this profile is vital to address the increasing service demands while keeping operating costs under control; support the City's day to day operation in order to achieve the Corporate Outcomes; and to deliver on the Ways as outlined in the City's Strategic Plan.

Risks of not funding this profile include:

- Inadequate Enterprise Application functionality available to support and promote the use of common processes and practices in the business areas
- Business operational inefficiencies resulting in an overall increase in business operating costs or missed opportunities for cost saving not effectively utilizing the technology enablers provided within the Enterprise Application(s)
- Management of Enterprise Applications will not be optimized resulting in increased support costs
- Other technology solutions may not be effectively and efficiently integrated into the existing Enterprise Application(s).

**STRATEGIC ALIGNMENT**

The initiatives in this profile are a "Condition of Success" for the other departments' outcomes by building capabilities of ERP applications that are technologically current and meet internal and external stakeholders' needs.



# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible

- Business areas able to provide and/or improve their services.
- Improved business operating efficiency
- Reduce IT support required.
- Reduce IT application costs.

### Intangible

- Satisfied customers and application owners.
- Enable City departments to deliver on the Ways.
- Meet Corporate Outcomes.
- Enhance performance of existing ERP applications.
- Continue to meet internal and external stakeholders' needs.

## KEY RISKS & MITIGATING STRATEGY

Resource availability when required – The Project Manager will develop detailed workplans, in conjunction with key stakeholders to plan and schedule resource requirements and utilization.

## RESOURCES

Resourcing for each ERP application growth initiative may vary but would likely be a combination of internal IT staff, business application users, contractors and vendors of ERP applications.

## CONCLUSIONS AND RECOMMENDATIONS

Investment in ERP application growth initiatives is vital to address the increasing service demands and operations to achieve Corporate Outcomes and deliver on the Ways.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Enterprise Applications Growth****FUNDED**PROFILE NUMBER: **CM-18-1508**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Current Approved Budget	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Approved Funding Sources												
	Pay-As-You-Go	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Current Approved Funding Sources	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Requested Funding Source												
	Pay-As-You-Go	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Requested Funding Source	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933
	Total	-	3,503	3,601	3,192	3,638	-	-	-	-	-	-	13,933

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Information Technology	-	47	47	-	-	38	38	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	47	47	-	-	38	38	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **IT BUSINESS APPLICATIONS GROWTH**  
 PROFILE: **CM-18-1509**  
 DEPARTMENT: **Corporate Services**  
 BRANCH: **Information Technology**  
 PROGRAM NAME:  
 LEAD BRANCH: **Information Technology**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	David Booth
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LEAD BRANCH MANAGER:	David Booth
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	5,518
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,518
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**PROFILE DESCRIPTION**

This composite is required to fund the City's investment in application growth initiatives that support the City department's lines of business for 2015 to 2018.

The business application growth initiatives described in this profile encompass the addition of new, improved and/or advanced application functionalities and the introduction of new solutions not currently part of the City environment. The investment is directly associated with resources required to plan, acquire or develop, and implement these IT initiatives.

The following provides examples of the initiatives included in this profile:

- Open Government Mobility Apps (Corporate Services)
- Road Construction Cost Estimating (Transportation)
- Enhance Facility Management Solution (Sustainable Development)
- Fire Fighter GPS Tracking (Community Services)
- Document Management System (DMS) implementation (Financial Service & Utilities)
- Social Media Analytics (Data Warehouse & Business Intelligence committee)

**PROFILE BACKGROUND**

Every City department relies upon a number of business specific applications to perform their business and to ensure services are delivered to citizens. Business applications and technology have become an integral part of the City's day to day operation. Every department currently has a number of business unit specific applications to support their business. There are currently over 140 business unit specific applications in use at the CoE. Examples of some of these applications include CAD, Trapeze, Tririga, DRAINS and COBS. The initiatives described within this profile increase the scope and capabilities of these business unit applications.

In order to address the business drivers that increase demand and pressure on City services, while keeping costs under control, the City must proactively plan for and invest in its future business applications and technology growth

**PROFILE JUSTIFICATION**

Investment in business application growth initiatives as outlined in this profile is vital to address the increasing service demands while keeping operating costs under control; support the City's day to day operation in order to achieve the Corporate Outcomes; and to deliver on the Ways as outlined in the City's Strategic Plan.

The business application growth initiatives submitted were identified by all City departments based on their business needs. Without the investment funding for this profile, the City's business areas would be at risk of not being able to meet its Corporate Outcomes of "delivering valued, quality, cost-effective services to its citizens" and "The City has well managed and sustainable assets and services". It would also run the risk of not fully delivering the plans and actions outlined under the Ways.

The specific resourcing requirements for each initiative are identified within the details of each TIR (Technology Investment Request).

**STRATEGIC ALIGNMENT**

The Way We Finance

**COST BENEFITS**

Business areas are able to provide and/or improve their services in efficient, automated ways.

The specific tangible and intangible benefits for each initiative are identified within the details of each project.

**KEY RISKS & MITIGATING STRATEGY**

Resource availability when required – The Project Manager will develop detailed workplans, in conjunction with key stakeholders to plan and schedule resource requirements and utilization.

# CAPITAL PROFILE REPORT

## RESOURCES

Resourcing for each application growth initiative may vary but would likely be a combination of internal IT staff, business application users, contractors and vendors of third-party applications (where applicable).

## CONCLUSIONS AND RECOMMENDATIONS

Investment in application growth initiatives is vital to address the increasing service demands and operations to achieve the Corporate Outcomes; and to deliver on the Ways. Provide funding for the application growth initiatives for 2015 to 2018.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **IT Business Applications Growth****FUNDED**PROFILE NUMBER: **CM-18-1509**PROFILE TYPE: **Composite**BRANCH: **Information Technology**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Current Approved Budget	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Approved Funding Sources												
	Pay-As-You-Go	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Current Approved Funding Sources	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Requested Funding Source												
	Pay-As-You-Go	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Requested Funding Source	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Technology	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518
	Total	-	783	1,378	1,640	1,717	-	-	-	-	-	-	5,518

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Information Technology	-	27	27	-	-	-	-	-	-	-	60	60	-	-	-	-
<b>Total Operating Impact</b>	-	<b>27</b>	<b>27</b>	-	-	-	-	-	-	-	<b>60</b>	<b>60</b>	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CAPITAL AND OPERATING BUDGET SYSTEM**  
 PROFILE: **12-50-0100**  
 DEPARTMENT: **Financial Services & Utilities - Tax-Supported**  
 BRANCH: **Financial Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Screpnek D.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,000</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,000</b>

**PROFILE DESCRIPTION**

This project is for the acquisition and deployment of a capital and operating budgeting system. This system would replace CBS for capital budget and custom spreadsheets in the case of operating.

**Capital:**

The current budget system for capital (CBS) is an in house system developed around 2001-2 based on the needs of the corporation at that time. Since that time, the requirements of the capital budget system for the organization have increased and CBS is no longer able to meet acceptable standards including audit requirements.

The following are specific shortcomings of the current CBS system that a modern capital budget system would include:

1. Profile snapshots, or a visible record of how capital projects have changed in

- a. Scope
- b. Justification
- c. Cost
- d. cash flows
- e. etc.

2. Electronic approvals for new and updated capital projects, including an electronic record of the approvals.

Better understanding, control and reporting on scope and cost changes were part of managements response to the

**Operating:**

Currently there is no system for all of the background work for the operating budget. There entire operating budget process is done through Excel spreadsheets and then, once approved, loaded into SAP cost elements, etc.

A modern operating budget system will include functionality for:

- 1. Detailed scenario planning.
- 2. Transparency for the operating planning process including greater detail on the key drivers for operating budget.
- 3. Historical and forecasting abilities within the system, and transfer from a selected forecasting model to the departmental operating budget submission.
- 4. Electronic approval process for budget submissions and all budget adjustments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Capital and Operating Budget System****FUNDED**PROFILE NUMBER: **12-50-0100**PROFILE TYPE: **Standalone**BRANCH: **Financial Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2012 CBS Budget Adjustment	-91	-	-	-	-	-	-	-	-	-	-	-91
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	91	-	-	-	-	-	-	-	-	-	-	91
	2014 Cap Carry Forward	-1,164	1,164	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000
	Approved Funding Sources												
	Pay-As-You-Go	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000
	Current Approved Funding Sources	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000
	Requested Funding Source												
	Pay-As-You-Go	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000
	Requested Funding Source	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000
	Total	3,836	1,164	-	-	-	-	-	-	-	-	-	5,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LONG RANGE FINANCIAL PLANNING MODEL**  
 PROFILE: **12-50-0202**  
 DEPARTMENT: **Financial Services & Utilities - Tax-Supported**  
 BRANCH: **Financial Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Burge T.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
50

RENEWAL
50

PREVIOUSLY APPROVED:	600
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	600
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**PROFILE DESCRIPTION**

This project will result in development of an integrated financial model which will be used as an analytical tool to facilitate long range financial planning, integrated resource allocation and informed risk based business decisions. It will be the first of its kind to be developed by the City as it is an integrated forecasting model that pulls data from several sources to identify future financial needs to maintain services and infrastructure. It will allow for sensitivity analysis and scenario development based on various input assumptions and drivers. It will also inform operating and capital budget development and development of short term resource plans.

Scope of work includes:

2012

Business requirement analysis

Application development

2013

Application development

Business Intelligence development

System and data integration

Implementation

Source of Estimate: order of magnitude (+/- 50%)

Dependencies: Project CPP# 12-50-0100 "Operating and Capital Budget System".

Operating Impact:

No FTE impact. The model will be maintained within the existing resources of Financial Services. Concept planning requires one time funding of \$75K in 2012 through the operating budget.

**PROFILE JUSTIFICATION**

The Model is a critical component of The Way We Finance and an important tool to enable implementation of the Ways by providing sufficient and integrated financial information for informed resource allocation decisions. This modeling concept is an innovative and unique approach at the forefront of municipal finance.

Optimized resource allocation and sound business decisions based on integrated information, collectively, will result in overall corporate organizational effectiveness.

Alignment - Strategic goals:

Conditions of Success (sound management practices and processes)

Ensuring Edmonton's Financial Sustainability



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Long Range Financial Planning Model****FUNDED**PROFILE NUMBER: **12-50-0202**PROFILE TYPE: **Standalone**BRANCH: **Financial Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	600	-	-	-	-	-	-	-	-	-	-	600
	2012 CBS Budget Adjustment	-250	-	-	-	-	-	-	-	-	-	-	-250
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	250	-	-	-	-	-	-	-	-	-	-	250
	2014 Cap Carry Forward	-542	542	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	58	542	-	-	-	-	-	-	-	-	-	600
	Approved Funding Sources												
	Pay-As-You-Go	58	542	-	-	-	-	-	-	-	-	-	600
	Current Approved Funding Sources	58	542	-	-	-	-	-	-	-	-	-	600

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	58	542	-	-	-	-	-	-	-	-	-	600
	Requested Funding Source												
	Pay-As-You-Go	58	542	-	-	-	-	-	-	-	-	-	600
	Requested Funding Source	58	542	-	-	-	-	-	-	-	-	-	600

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	58	542	-	-	-	-	-	-	-	-	-	600
	Total	58	542	-	-	-	-	-	-	-	-	-	600

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TACS INVESTMENT PROJECT II**  
 PROFILE: **13-50-0300**  
 DEPARTMENT: **Financial Services & Utilities - Tax-Supported**  
 BRANCH: **Financial Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Risling R.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Corporate Support		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>447</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>447</b>

**PROFILE DESCRIPTION**

The Work described here is a continuation of the TACS Investment Project which ended on Dec 31, 2011. Several modules are not complete, the modules that require more work for this BASAR are - Audit and Security, Comparables Calculator, Multiple Photo\Document upload, and some work on Monthly Payment and Roll Maintenance. These modules are tied together in this BASR as they can be built using existing technologies. In terms of COE Strategic Objectives, the modules listed above mostly satisfy 2 areas including Operational Excellence & Enhanced Planning and Reporting. Business requirements, and in a few cases, technical and design documents are available. The work is a continuation of work that has been ongoing for the past 2 years.

If we don't proceed with the features as outlined above, then 1.8 million dollars in sunk costs will have been spent getting the above items partially completed. It is imperative that the investment spent to date is not lost. The value back to the business for completing the feature set will allow the branch to service an increasing citizen base with the same number of staff due to improved efficiencies.

Risks - Due to the nature of the business, we have to follow MGA requirements. A change to the MGA could force us to reprioritize a feature to meet a legislated need. The biggest risk is the need to hire a new team to finish the project because some of the key players involved in the discussions (and who have some business knowledge) have moved on.

Transfer project 08-17-3151 TACS system - reorganizational change

**PROFILE JUSTIFICATION**

Impacted areas include TACS, Customer Service for the Assessment and Taxation branch, City Revenue collection, Branch Productivity. TACS is a mission critical ERP application that is responsible for the generation of over half of the City revenues.

Supporting Documents: Project Charter -

[http://sharepoint.edmonton.ca/at/Applications/tacsinvestment/Shared%20Documents/Project%20Control/PM-D006%20Project%20Charter%20-%20TACS%20Investment%20\(v1.0\).doc](http://sharepoint.edmonton.ca/at/Applications/tacsinvestment/Shared%20Documents/Project%20Control/PM-D006%20Project%20Charter%20-%20TACS%20Investment%20(v1.0).doc)

TACS review project:

<http://sharepoint.edmonton.ca/at/Applications/tacsinvestment/Shared%20Documents/TACS%20Review%20Project%20-%20TACS%20Assessment%20-%20Draft.doc>

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **TACS Investment Project II****FUNDED**PROFILE NUMBER: **13-50-0300**PROFILE TYPE: **Standalone**BRANCH: **Financial Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	775	-	-	-	-	-	-	-	-	-	-	775
	2014 Cap Carry Forward	-328	328	-	-	-	-	-	-	-	-	-	-
	2015 Cap Release to Corp Pool	-	-328	-	-	-	-	-	-	-	-	-	-328
	Current Approved Budget	447	-	-	-	-	-	-	-	-	-	-	447
	Approved Funding Sources												
	Pay-As-You-Go	447	-	-	-	-	-	-	-	-	-	-	447
	Current Approved Funding Sources	447	-	-	-	-	-	-	-	-	-	-	447

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	447	-	-	-	-	-	-	-	-	-	-	447
	Requested Funding Source												
	Pay-As-You-Go	447	-	-	-	-	-	-	-	-	-	-	447
	Requested Funding Source	447	-	-	-	-	-	-	-	-	-	-	447

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	447	-	-	-	-	-	-	-	-	-	-	447
	Total	447	-	-	-	-	-	-	-	-	-	-	447

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WESS W12**  
 PROFILE: **04-23-9302**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Combined Sewer Overflow Strategy**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2004**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>33,763</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>33,763</b>

**PROFILE DESCRIPTION**

The West Edmonton Sanitary Sewer(WESS) Stage 12 project is a new sanitary sewer river crossing consisting of drop shafts, tunnel and related works from approximately Jasper Avenue and 85 Street to the McNally school. This project also includes the installation of Real Time Control(RTC) works near Jasper Avenue and 85 Street, flow control works near the Hardisty Combined Sewer Overflow (CSO) structure, modifications to the manholes in Capilano Park and cleaning and inspection of the South Highland Interceptor (SHI) trunk sewer. This project will reduce sewer overflows by routing the wet weather flows to the SHI and then on to the Gold Bar Wastewater Treatment Plant. The implementation of the project will be coordinated with the plant's Enhanced Primary Treatment project at which time the treatment plant will have the capacity to handle the increased flows.

The WESS Stage 12 project is supported by two programs - The CSO Control Strategy and the Sanitary Servicing Strategy (prior to 2010). The CSO Control Strategy was approved by the Transportation and Public Works Committee March 14, 2000 and the Sanitary Servicing Strategy for the 21st Century was approved by City Council July 21, 1998.

This project will significantly reduce the frequency of CSOs at the Rat Creek overflow structure. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years.

This project will have no operating impact.

**PROFILE JUSTIFICATION**

WESS Stage 12 has the dual purpose of accommodating growth in west Edmonton and the overall reduction of combined sewer overflows to the river. Construction of the WESS Stage 12 sewer is in support of the Combined Sewer Overflow Control Strategy and the Sanitary Servicing Strategy. This project is required to fulfill the City's obligations to Alberta Environment as well as sustain growth in the City's west end.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer Debenture Debt financing to offset the over-expenditure from Retained Earnings totaling \$706,054 (transfer of funding amounts within the same profile).

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **WESS W12****FUNDED**PROFILE NUMBER: **04-23-9302**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	47,350	-	-	-	-	-	-	-	-	-	-	47,350
	2004 CBS Budget Adjustment	-8,171	-	-	-	-	-	-	-	-	-	-	-8,171
	2005 CBS Budget Adjustment	19	-	-	-	-	-	-	-	-	-	-	19
	2006 CBS Budget Adjustment	2,935	-	-	-	-	-	-	-	-	-	-	2,935
	2007 CBS Budget Adjustment	-3,167	-	-	-	-	-	-	-	-	-	-	-3,167
	2008 CBS Budget Adjustment	-5,065	-	-	-	-	-	-	-	-	-	-	-5,065
	2009 CBS Budget Adjustment	-1,549	-	-	-	-	-	-	-	-	-	-	-1,549
	2010 CBS Budget Adjustment	-44	-	-	-	-	-	-	-	-	-	-	-44
	2011 CBS Budget Adjustment	472	-	-	-	-	-	-	-	-	-	-	472
	2012 CBS Budget Adjustment	-358	-	-	-	-	-	-	-	-	-	-	-358
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,341	-	-	-	-	-	-	-	-	-	-	1,341
	2014 Cap Carry Forward	-292	292	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	33,471	292	-	-	-	-	-	-	-	-	-	33,763
	Approved Funding Sources												
	Drainage Retained Earnings	1,078	-	-	-	-	-	-	-	-	-	-	1,078
	Sanitary Serv. Strategy Fund	10,300	-	-	-	-	-	-	-	-	-	-	10,300
	Self-Liquid. Debent.-Sanitary	-2,788	292	-	-	-	-	-	-	-	-	-	-2,496
	Self-Liquidating Debentures	24,881	-	-	-	-	-	-	-	-	-	-	24,881
	Current Approved Funding Sources	33,471	292	-	-	-	-	-	-	-	-	-	33,763

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	33,471	292	-	-	-	-	-	-	-	-	-	33,763
	Requested Funding Source												
	Drainage Retained Earnings	1,078	-	-	-	-	-	-	-	-	-	-	1,078
	Sanitary Serv. Strategy Fund	10,300	-	-	-	-	-	-	-	-	-	-	10,300
	Self-Liquid. Debent.-Sanitary	-2,788	292	-	-	-	-	-	-	-	-	-	-2,496
	Self-Liquidating Debentures	24,881	-	-	-	-	-	-	-	-	-	-	24,881
	Requested Funding Source	33,471	292	-	-	-	-	-	-	-	-	-	33,763

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-292	292	-	-	-	-	-	-	-	-	-	-
	Other Costs	33,763	-	-	-	-	-	-	-	-	-	-	33,763
	Total	33,471	292	-	-	-	-	-	-	-	-	-	33,763

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPPORTUNISTIC SEWER SEPARATION**  
 PROFILE: **05-23-2160**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Combined Sewer Overflow Strategy**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2005
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ESTIMATED COMPLETION:	January, 2019
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Service Category:	Utilities
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	32,301
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	32,301
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**PROFILE DESCRIPTION**

Opportunistic Sewer Separation Strategy is one of the major components in the CSO Control Strategy, which was approved by the Transportation and Public Works Committee on March 14, 2000. This strategy will improve the water quality in the North Saskatchewan River through the undertaking of measures to effectively separate storm flows from combined flows by the installation of new storm sewers in the City's combined sewer serviced areas of approximately 4,300 hectares, including 930 kilometres of combined sewers.

Measures undertaken to identify and prioritize the area for effective storm sewer separations include flow monitoring, assessment and evaluation of reduction in CSO volume and frequency, pollutant loading to the river, improvement in the level of flood protection, and optimization in cost reduction by implementation of separation projects. The other major components and initiatives of the CSO Control are included in projects 12-23-9702 (CSO Control Strategy) and 04-23-9302 (WESS W12).

The expected life of the asset is 25 years or more and the debenture term is 25 years. This project will have no operating impact.

**PROFILE JUSTIFICATION**

The implementation of the Opportunistic Sewer Separation Strategy, being part of the overall integrated effort of the CSO Control Strategy, will meet the requirements of Edmonton's Approval to Operate (No. 639-02-07) under the Alberta Environmental Protection and Enhancement Act.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Opportunistic Sewer Separation****FUNDED**PROFILE NUMBER: **05-23-2160**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	33,341	-	-	-	-	-	-	-	-	-	-	33,341
	2005 CBS Budget Adjustment	-656	-	-	-	-	-	-	-	-	-	-	-656
	2006 CBS Budget Adjustment	-1,602	-	-	-	-	-	-	-	-	-	-	-1,602
	2007 CBS Budget Adjustment	1,810	-	-	-	-	-	-	-	-	-	-	1,810
	2008 CBS Budget Adjustment	-6,548	-	-	-	-	-	-	-	-	-	-	-6,548
	2009 CBS Budget Adjustment	1,782	-	-	-	-	-	-	-	-	-	-	1,782
	2010 CBS Budget Adjustment	-1,698	-	-	-	-	-	-	-	-	-	-	-1,698
	2011 CBS Budget Adjustment	-1,442	-	-	-	-	-	-	-	-	-	-	-1,442
	2012 CBS Budget Adjustment	1,646	-	-	-	-	-	-	-	-	-	-	1,646
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,960	-	-	-	-	-	-	-	-	-	-	1,960
	2014 Cap Carry Forward	3,708	-3,708	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	3,708	-	-	-	-	-	-	-	-	-	3,708
	Current Approved Budget	32,301	-	-	-	-	-	-	-	-	-	-	32,301
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Drainage Retained Earnings	10,052	-	-	-	-	-	-	-	-	-	-	10,052
	Self-Liquid. Debent.-Sanitary	-5,231	-	-	-	-	-	-	-	-	-	-	-5,231
	Self-Liquidating Debentures	27,480	-	-	-	-	-	-	-	-	-	-	27,480
	Current Approved Funding Sources	32,301	-	-	-	-	-	-	-	-	-	-	32,301

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	32,301	-	-	-	-	-	-	-	-	-	-	32,301
	Requested Funding Source												
	Drainage Retained Earnings	10,052	-	-	-	-	-	-	-	-	-	-	10,052
	Self-Liquid. Debent.-Sanitary	-5,231	-	-	-	-	-	-	-	-	-	-	-5,231
	Self-Liquidating Debentures	27,480	-	-	-	-	-	-	-	-	-	-	27,480
	Requested Funding Source	32,301	-	-	-	-	-	-	-	-	-	-	32,301

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	3,708	-	-	-	-	-	-	-	-	-	-	3,708
	Other Costs	28,593	-	-	-	-	-	-	-	-	-	-	28,593
	Total	32,301	-	-	-	-	-	-	-	-	-	-	32,301

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD FLOOD PREVENTION PROJECTS**  
 PROFILE: **07-23-9511**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Flood Prevention**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2007
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ESTIMATED COMPLETION:	January, 2020
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>33,776</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>33,776</b>

**PROFILE DESCRIPTION**

The Neighbourhood Flood Prevention Projects (9511) was developed in response to the heavy rains which caused flooding and sewer back-ups in more than 4,000 homes in 2004. This program will install flood prevention works to the City's sewer systems. The program includes the design and construction of the various flood prevention works, including stormwater ponds and diversion sewers. This program is a single project and is financed by both the Sanitary and Stormwater Drainage. The projects will have no operating impact. The useful life of the assets is 25 years or more and the debenture term is 25 years.

**PROFILE JUSTIFICATION**

This program is to meet the City Council's direction for Flood Prevention. Implementation of the flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers. The key risks for not proceeding with the program are:

- o Neighbourhoods will be at-risk of flooding during similar storm events;
- o Citizens will be angry and upset at the lack of progress; and
- o The City will not fulfill the promise to address the at-risk neighbourhoods.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer of Debenture Debt financing budget to offset the over expenditure from Retained Earnings totaling \$4,176,176 (transfer of funding amounts within the same profile). 07-23-9511 Neighbourhood Flood Prevention projects will no longer be used and a new profile has been set up for the approved 2015-2018 capital budget cycle.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood Flood Prevention Projects****FUNDED**PROFILE NUMBER: **07-23-9511**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	26,627	-	-	-	-	-	-	-	-	-	-	26,627
	2007 CBS Budget Adjustment	-3,677	-	-	-	-	-	-	-	-	-	-	-3,677
	2008 CBS Budget Adjustment	8,567	-	-	-	-	-	-	-	-	-	-	8,567
	2009 CBS Budget Adjustment	-377	-	-	-	-	-	-	-	-	-	-	-377
	2010 CBS Budget Adjustment	-514	-	-	-	-	-	-	-	-	-	-	-514
	2011 CBS Budget Adjustment	3,200	-	-	-	-	-	-	-	-	-	-	3,200
	2012 CBS Budget Adjustment	-1,362	-	-	-	-	-	-	-	-	-	-	-1,362
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,729	-	-	-	-	-	-	-	-	-	-	2,729
	2014 Cap Council	-4,400	-	-	-	-	-	-	-	-	-	-	-4,400
	2014 Cap Carry Forward	-11,667	11,667	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	14,650	-	-	-	-	-	-	-	-	-	-	14,650
	2015 Cap Council	-	-11,667	-	-	-	-	-	-	-	-	-	-11,667
	Current Approved Budget	33,776	-	-	-	-	-	-	-	-	-	-	33,776
	Approved Funding Sources												
	Developer Financing	1,108	-	-	-	-	-	-	-	-	-	-	1,108
	Drainage Retained Earnings	7,969	-	-	-	-	-	-	-	-	-	-	7,969
	Self-Liquid. Debent.-Land Drg	4,395	-	-	-	-	-	-	-	-	-	-	4,395
	Self-Liquid. Debent.-Sanitary	20,304	-	-	-	-	-	-	-	-	-	-	20,304
	Current Approved Funding Sources	33,776	-	-	-	-	-	-	-	-	-	-	33,776

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	33,776	-	-	-	-	-	-	-	-	-	-	33,776
	Requested Funding Source												
	Developer Financing	1,108	-	-	-	-	-	-	-	-	-	-	1,108
	Drainage Retained Earnings	7,969	-	-	-	-	-	-	-	-	-	-	7,969
	Self-Liquid. Debent.-Land Drg	4,395	-	-	-	-	-	-	-	-	-	-	4,395
	Self-Liquid. Debent.-Sanitary	20,304	-	-	-	-	-	-	-	-	-	-	20,304
	Requested Funding Source	33,776	-	-	-	-	-	-	-	-	-	-	33,776

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,417	-	-	-	-	-	-	-	-	-	-	-1,417
	Other Costs	35,193	-	-	-	-	-	-	-	-	-	-	35,193
	Total	33,776	-	-	-	-	-	-	-	-	-	-	33,776

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL WOODS DOUBLE BARREL REPLAC/SESS SA1**  
 PROFILE: **08-23-9202**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Sanitary Servicing Strategy Fund**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2006
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ESTIMATED COMPLETION:	December, 2016
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>54,057</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>54,057</b>

**PROFILE DESCRIPTION**

This project includes the design and construction of major off-site sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. This project will include the design and construction of SESS (South Edmonton Sanitary Sewer) Stage SA1 and the Mill Woods Double Barrel Replacement from 2007 to 2014. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund and debt. This is a single project and will be completed by the end of 2014. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years. There will be no operating cost impact from the construction of these trunk sewers. New trunk sewers require little or no maintenance activities.

**PROFILE JUSTIFICATION**

Construction of these major trunk sewers is in support of development in Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development and growth in the City. In addition, the Mill Woods area will not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities. It could also result in more angry and upset citizens because we are not fulfilling the promise to address the flood risk in Mill Woods. The implementation of this project will fulfill the goal to protect, enhance and improve City's environment.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer funding for the Mill Woods Double Barrel project as this project is no longer funded from the Sanitary Servicing Strategy Fund.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Woods Double Barrel Replac/SESS SA1****FUNDED**PROFILE NUMBER: **08-23-9202**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	31,670	-	-	-	-	-	-	-	-	-	-	31,670
	2006 CBS Budget Adjustment	147	-	-	-	-	-	-	-	-	-	-	147
	2007 CBS Budget Adjustment	-1,555	-	-	-	-	-	-	-	-	-	-	-1,555
	2008 CBS Budget Adjustment	299	-	-	-	-	-	-	-	-	-	-	299
	2009 CBS Budget Adjustment	3,560	-	-	-	-	-	-	-	-	-	-	3,560
	2010 CBS Budget Adjustment	-6,200	-	-	-	-	-	-	-	-	-	-	-6,200
	2011 CBS Budget Adjustment	6,765	-	-	-	-	-	-	-	-	-	-	6,765
	2012 CBS Budget Adjustment	2,957	-	-	-	-	-	-	-	-	-	-	2,957
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,119	-	-	-	-	-	-	-	-	-	-	3,119
	2014 Cap Budget Request for Next Cycle	-	7,725	5,570	-	-	-	-	-	-	-	-	13,295
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	40,762	7,725	5,570	-	-	-	-	-	-	-	-	54,057
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Drainage Retained Earnings	-	7,725	-	-	-	-	-	-	-	-	-	7,725
	Sanitary Serv. Strategy Fund	19,567	-	5,570	-	-	-	-	-	-	-	-	25,137
	Self-Liquid. Debent.-Sanitary	21,195	-	-	-	-	-	-	-	-	-	-	21,195
	Current Approved Funding Sources	40,762	7,725	5,570	-	-	-	-	-	-	-	-	54,057

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	40,762	7,725	5,570	-	-	-	-	-	-	-	-	54,057
	Requested Funding Source												
	Drainage Retained Earnings	-	7,725	-	-	-	-	-	-	-	-	-	7,725
	Sanitary Serv. Strategy Fund	19,567	-	5,570	-	-	-	-	-	-	-	-	25,137
	Self-Liquid. Debent.-Sanitary	21,195	-	-	-	-	-	-	-	-	-	-	21,195
	Requested Funding Source	40,762	7,725	5,570	-	-	-	-	-	-	-	-	54,057

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	7,725	5,570	-	-	-	-	-	-	-	-	13,295
	Other Costs	40,762	-	-	-	-	-	-	-	-	-	-	40,762
	Total	40,762	7,725	5,570	-	-	-	-	-	-	-	-	54,057

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RESIDUALS DISPOSAL FACILITY**  
 PROFILE: **12-23-5422**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage Facilities Upgrading**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>475</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>475</b>

**PROFILE DESCRIPTION**

- Needs assessment study to determine future needs and options to meet the needs.
- Conceptual Study and Predesign of the Residuals Disposal Facility (subject to the recommendations in the assessment study).
- Design and Construction of the Facility (subject to the recommendations in the assessment study).

**PROFILE JUSTIFICATION**

Currently, Drainage Services uses the sludge lagoons facility to dispose of residuals collected as part of the preventative maintenance direct public service programs. The review and development of the long term plan for the sludge lagoons may impact the ability for Drainage Services to use the existing facility beyond 2014. We will review options and establish a long range strategy to address our needs beyond 2014, which may include the construction of a Residuals Disposal Facility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Residuals Disposal Facility****FUNDED**PROFILE NUMBER: **12-23-5422**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-5,766	-	-	-	-	-	-	-	-	-	-	-5,766
	2012 CBS Budget Adjustment	-210	-	-	-	-	-	-	-	-	-	-	-210
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	13,510	9,020	2,000	-	-	-	-	-	-	-	-	24,530
	2014 Cap Release to Corp Pool	-7,059	-	-	-	-	-	-	-	-	-	-	-7,059
	2015 Cap Council	-	-9,020	-2,000	-	-	-	-	-	-	-	-	-11,020
	Current Approved Budget	475	-	-	-	-	-	-	-	-	-	-	475
	Approved Funding Sources												
	Drainage Retained Earnings	269	-	-	-	-	-	-	-	-	-	-	269
	Self-Liquid. Debent.-Sanitary	206	-	-	-	-	-	-	-	-	-	-	206
	Current Approved Funding Sources	475	-	-	-	-	-	-	-	-	-	-	475

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	475	-	-	-	-	-	-	-	-	-	-	475
	Requested Funding Source												
	Drainage Retained Earnings	269	-	-	-	-	-	-	-	-	-	-	269
	Self-Liquid. Debent.-Sanitary	206	-	-	-	-	-	-	-	-	-	-	206
	Requested Funding Source	475	-	-	-	-	-	-	-	-	-	-	475

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-7,059	-9,020	-2,000	-	-	-	-	-	-	-	-	-18,079
	Design	-2,660	-	-	-	-	-	-	-	-	-	-	-2,660
	Other Costs	10,194	9,020	2,000	-	-	-	-	-	-	-	-	21,214
	Total	475	-	-	-	-	-	-	-	-	-	-	475

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FACILITIES EQUIPMENT & SYSTEM RENEWAL**  
 PROFILE: **12-23-6100**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage Facilities Upgrading**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,515</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,515</b>

**PROFILE DESCRIPTION**

This project involves three aspects: (1) Replacement of equipment (e.g. printers, office equipment) that will support present and future Drainage Services needs and ensure an adequate level of customer service is maintained; (2) Replacement and upgrading of computer systems that support Drainage operations (e.g. DRAINS - the inventory of the drainage network); and (3) Provision of vehicles and large equipment used to clean and operate the sewer systems (e.g. Combination Units)

This project combines 3 projects approved separately in past budget submissions. They were 6100-Operation's Equipment Repair and Replacement, 9502-Facility and Equipment Rehabilitation, and 9507-Drainage IT Applications.

Operating Impact: This program includes the addition of 4 vehicles to the fleet for 2012 with a total operating cost of \$100,000 annually. Other benefits and costs are difficult to quantify but are expected to be negligible (e.g. benefits will be realized by the digitization of office files reducing the need for floor space; some costs could be incurred by new IT systems that may need additional staff to maintain).

**PROFILE JUSTIFICATION**

Basic, cost-effective equipment, vehicles, office and technical tools are required for staff in order to maintain productivity, meet increased workloads and achieve productivity gains. Implementing advanced technologies to improve service delivery is a corporate business plan initiative.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Facilities Equipment & System Renewal****FUNDED**PROFILE NUMBER: **12-23-6100**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,742	-	-	-	-	-	-	-	-	-	-	3,742
	2012 CBS Budget Adjustment	1,582	-	-	-	-	-	-	-	-	-	-	1,582
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-1,582	-	-	-	-	-	-	-	-	-	-	-1,582
	2014 Cap Carry Forward	4,773	-4,773	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	4,773	-	-	-	-	-	-	-	-	-	4,773
	Current Approved Budget	8,515	-	-	-	-	-	-	-	-	-	-	8,515
	Approved Funding Sources												
	Alberta Disaster Relief Progra	-	-	-	-	-	-	-	-	-	-	-	-
REVISSED BUDGET (IF APPROVED)	AMIP	62	-	-	-	-	-	-	-	-	-	-	62
	Drainage Retained Earnings	8,453	-	-	-	-	-	-	-	-	-	-	8,453
	Current Approved Funding Sources	8,515	-	-	-	-	-	-	-	-	-	-	8,515

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,515	-	-	-	-	-	-	-	-	-	-	8,515
	Requested Funding Source												
	Alberta Disaster Relief Progra	-	-	-	-	-	-	-	-	-	-	-	-
	AMIP	62	-	-	-	-	-	-	-	-	-	-	62
	Drainage Retained Earnings	8,453	-	-	-	-	-	-	-	-	-	-	8,453
	Requested Funding Source	8,515	-	-	-	-	-	-	-	-	-	-	8,515

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Construction	4,773	-	-	-	-	-	-	-	-	-	-	4,773
	Other Costs	3,742	-	-	-	-	-	-	-	-	-	-	3,742
	Total	8,515	-	-	-	-	-	-	-	-	-	-	8,515

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SANITARY SERVICING STRATEGY PROJECTS**  
 PROFILE: **12-23-9210**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Sanitary Servicing Strategy Fund**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Ward C.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2012**ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>58,133</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>58,133</b>

**PROFILE DESCRIPTION**

This project includes the design and construction of major sanitary trunks under the Sanitary Servicing Strategy. Projects (trunk sections) included in the 2012 - 2014 construction plan, as determined from development forecasts and servicing demand are NEST NL3/NL2/N1, SESS SA1, SESS SA10a, SESS SE4, WESS W13 and WESS W14. Other projects have also been identified beyond 2012 - 2014 including SESS SW4/5, SESS SA1a, SESS SA2, SESS SA5, and WESS W3-5. This project constructs major off-site sanitary trunks as identified in the Strategy. The implementation of this project will have minimal impact on the operating budget because new trunk sewers do not require much maintenance. New pump stations will increase operating costs, but it is not anticipated in this budget cycle.

This project was previously represented by 9102 (NEST - Stage NL2 & NL3), 9203 (SESS SW2 - SW5), 9205 (SSSF Developer Built Projects), 9303 (WESS W13), and 9605 (Sanitary Servicing Strategy).

TOTAL PROJECT COST/TIMING - This program is planned to end in 2075 and will cost \$680 million in 2009 dollars.

**PROFILE JUSTIFICATION**

Construction of these major trunk sewers is in support of development in Edmonton. Should these trunk sewers not be constructed, sanitary servicing will not be available to support development. Growth in the City could be halted. This could result in shifting of growth, and possibly moving development to surrounding communities. Without the implementation of this project, further development within the City would not be possible. The challenge is to determine the correct timing for the construction of these trunk sewers so that they will not be ahead of or behind the servicing requirement of the development area. The implementation of this project will fulfill the goal to protect, enhance and improve City's environment.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sanitary Servicing Strategy Projects****FUNDED**PROFILE NUMBER: **12-23-9210**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	58,193	-	-	-	-	-	-	-	-	-	-	58,193
	2012 CBS Budget Adjustment	859	-	-	-	-	-	-	-	-	-	-	859
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	14,298	-	-	-	-	-	-	-	-	-	-	14,298
	2014 Cap Carry Forward	-3,500	3,500	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-15,217	-	-	-	-	-	-	-	-	-	-	-15,217
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133
	Approved Funding Sources												
	Sanitary Serv. Strategy Fund	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133
	Current Approved Funding Sources	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133
	Requested Funding Source												
	Sanitary Serv. Strategy Fund	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133
	Requested Funding Source	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-18,717	3,500	-	-	-	-	-	-	-	-	-	-15,217
	Other Costs	73,350	-	-	-	-	-	-	-	-	-	-	73,350
	Total	54,633	3,500	-	-	-	-	-	-	-	-	-	58,133

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRUCTURES REHABILITATION**  
 PROFILE: **12-23-9503**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage System Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,855</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,855</b>

**PROFILE DESCRIPTION**

This project ensures an acceptable level of service is maintained in various components of the drainage infrastructure. It involves the investigation, design and rehabilitation of existing structures such as pump stations, trunk sewers, drill drop manholes and outfalls. It also addresses the issue of collection system odours and the systems to mitigate these odours. Projects are located throughout the City. This is a composite project and is funded by both the Sanitary and Stormwater Drainage Utilities. The expected life cycle of the asset is 25 years or more and the debenture term is 25 years. The odour control component of this program has produced, and could produce in the future new odour control systems that have significant new operational costs. The impacts on operating has not been identified in detail, but should only happen at the end of its life cycle.

**PROFILE JUSTIFICATION**

To protect persons and properties from injury and damage due to basement flooding, street flooding, roadway subsidence, and to provide continuous rehabilitation of aging sewer infrastructure. Timely corrective action prevents further deterioration of drainage system infrastructures, which could lead to an emergency situation requiring immediate attention at a higher cost. The challenge for this program is to develop an adequately funded program that effectively rehabilitate the drainage system infrastructure. This project will preserve and sustain Edmonton's environment through timely rehabilitation of critical sewer infrastructures.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Structures Rehabilitation****FUNDED**PROFILE NUMBER: **12-23-9503**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	13,158	-	-	-	-	-	-	-	-	-	-	13,158
	2012 CBS Budget Adjustment	-586	-	-	-	-	-	-	-	-	-	-	-586
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	786	-	-	-	-	-	-	-	-	-	-	786
	2014 Cap Release to Corp Pool	-2,503	-	-	-	-	-	-	-	-	-	-	-2,503
	Current Approved Budget	10,855	-	-	-	-	-	-	-	-	-	-	10,855
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
	Other	-	-	-	-	-	-	-	-	-	-	-	-
REVISSED BUDGET (IF APPROVED)	Pay-As-You-Go	80	-	-	-	-	-	-	-	-	-	-	80
	Self-Liquid. Debent.-Sanitary	10,775	-	-	-	-	-	-	-	-	-	-	10,775
	Current Approved Funding Sources	10,855	-	-	-	-	-	-	-	-	-	-	10,855

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,855	-	-	-	-	-	-	-	-	-	-	10,855
	Requested Funding Source												
	Drainage Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
	Other	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	80	-	-	-	-	-	-	-	-	-	-	80
	Self-Liquid. Debent.-Sanitary	10,775	-	-	-	-	-	-	-	-	-	-	10,775
	Requested Funding Source	10,855	-	-	-	-	-	-	-	-	-	-	10,855

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	10,855	-	-	-	-	-	-	-	-	-	-	10,855
	Total	10,855	-	-	-	-	-	-	-	-	-	-	10,855

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER REHABILITATION**  
 PROFILE: **12-23-9504**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage System Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,216</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,216</b>

**PROFILE DESCRIPTION**

This project includes investigation, design and rehabilitation of existing deteriorated local sewers in the combined, sanitary and storm systems. This project also includes rehabilitation of sewers within the arterial and collector roadways designated for rehabilitation by Transportation Services, and Drainage Operations high priority repairs which are mostly on sewer laterals (service connections). This is a composite project and is funded by both the Sanitary and Stormwater Drainage Utilities. The expected life cycle of the asset is 25 years or more and the debenture term is 25 years. This project will have no initial operating cost impacts. There will be operating cost impacts as the sewers age towards the end of their life cycles. More maintenance will be required at that time, but it is expected to be beyond this budget cycle.

**PROFILE JUSTIFICATION**

This project maintains the existing level of service for citizens through the upkeep of the local sewers by rehabilitation. It further protects persons and properties from injury and damage due to roadway subsidence or sewer collapse. Timely corrective action prevents further deterioration of sewers which could lead to an emergency situation requiring immediate attention at a higher cost. The challenge for this program is to develop an adequately funded program that effectively rehabilitates local sewers. This project will preserve and sustain Edmonton's environment through timely rehabilitation of critical local sewers.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer Rehabilitation****FUNDED**PROFILE NUMBER: **12-23-9504**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	2012 CBS Budget Adjustment	1,769	-	-	-	-	-	-	-	-	-	-	1,769
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-1,769	-	-	-	-	-	-	-	-	-	-	-1,769
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	Approved Funding Sources												
	Drainage Retained Earnings	3,861	-	-	-	-	-	-	-	-	-	-	3,861
	Self-Liquid. Debent.-Sanitary	16,355	-	-	-	-	-	-	-	-	-	-	16,355
	Current Approved Funding Sources	20,216	-	-	-	-	-	-	-	-	-	-	20,216

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	Requested Funding Source												
	Drainage Retained Earnings	3,861	-	-	-	-	-	-	-	-	-	-	3,861
	Self-Liquid. Debent.-Sanitary	16,355	-	-	-	-	-	-	-	-	-	-	16,355
	Requested Funding Source	20,216	-	-	-	-	-	-	-	-	-	-	20,216

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	Total	20,216	-	-	-	-	-	-	-	-	-	-	20,216

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE NEIGHBOURHOOD RENEWAL COORD.**  
 PROFILE: **12-23-9510**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage Neighbourhood Renewal**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	January, 2014
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>46,349</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>46,349</b>

**PROFILE DESCRIPTION**

This project rehabilitates drainage infrastructure for mature neighbourhoods. It includes the investigation, design and rehabilitation of existing deteriorated local sewer infrastructures in the combined, sanitary and storm sewer networks throughout an entire neighbourhood. The project work is located throughout the city. Neighbourhood sewer rehabilitation is coordinated with Transportation Services to ensure that the required sewer renewal works in a neighbourhood are undertaken before pavements are reconstructed. The expected life of the asset is 25 years or more and the debenture term is 25 years. This project will have no operating impact.

This project is planned to end in 2061 and the expected total cost is \$750 million in 2011 dollars.

**PROFILE JUSTIFICATION**

This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with the Roadway Neighbourhood Renewal Program undertaken by Transportation Services. Sewer rehabilitation in neighbourhoods coordinated with roadway renewal projects avoids disruption to newly reconstructed pavement and minimizes inconvenience to citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Drainage Neighbourhood Renewal Coord.****FUNDED**PROFILE NUMBER: **12-23-9510**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	73,559	-	-	-	-	-	-	-	-	-	-	73,559
	2012 CBS Budget Adjustment	5,607	-	-	-	-	-	-	-	-	-	-	5,607
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-20,007	-	-	-	-	-	-	-	-	-	-	-20,007
	2014 SCBA >\$1MM or New	-12,810	-	-	-	-	-	-	-	-	-	-	-12,810
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	46,349	-	-	-	-	-	-	-	-	-	-	46,349
	Approved Funding Sources												
	Drainage Retained Earnings	607	-	-	-	-	-	-	-	-	-	-	607
APPROVED FUNDING SOURCES	Self-Liquid. Debent.-Sanitary	45,742	-	-	-	-	-	-	-	-	-	-	45,742
	Current Approved Funding Sources	46,349	-	-	-	-	-	-	-	-	-	-	46,349

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	46,349	-	-	-	-	-	-	-	-	-	-	46,349
	Requested Funding Source												
	Drainage Retained Earnings	607	-	-	-	-	-	-	-	-	-	-	607
	Self-Liquid. Debent.-Sanitary	45,742	-	-	-	-	-	-	-	-	-	-	45,742
	Requested Funding Source	46,349	-	-	-	-	-	-	-	-	-	-	46,349

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-12,810	-	-	-	-	-	-	-	-	-	-	-12,810
	Other Costs	59,159	-	-	-	-	-	-	-	-	-	-	59,159
	Total	46,349	-	-	-	-	-	-	-	-	-	-	46,349

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SERVICE CONNECTION RENEWAL**  
 PROFILE: **12-23-9512**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage Neighbourhood Renewal**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>18</b>
<b>-4,599</b>	<b>4,699</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>18</b>

**PROFILE DESCRIPTION**

This project's objective is to maintain an acceptable level of service and minimize the risk of sewer infrastructure failure. It includes investigation and rehabilitation of existing deteriorated sewer service connections from the main sewers to the houses up to the property line. The project is located throughout the city. Rehabilitation works are identified through complaints and investigation, and prioritized according to the condition of the service pipes. The expected life of the asset is at least 25 years or more and the debenture term is 25 years. This project will have no operating impact. Projects planned include various high priority sewer service repairs.

**PROFILE JUSTIFICATION**

This project provides continuous wastewater flow conveyance for citizens from their houses through the upkeep of the sewer infrastructure by rehabilitation or replacement. It further protects persons and properties from injury and damage due to roadway subsidence or sewer collapse. Timely corrective action prevents further deterioration of sewers which could lead to an emergency situation requiring immediate attention at a higher cost. Timely repairs are needed to maintain the integrity of the sewer collection infrastructure and to prevent claims against the City for property damage, public health concerns and possible environmental infractions, as well as to protect pedestrian and vehicular traffic from potential roadway collapse and flooding damages.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Service Connection Renewal****FUNDED**PROFILE NUMBER: **12-23-9512**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	825	-	-	-	-	-	-	-	-	-	-	825
	2012 CBS Budget Adjustment	-253	-	-	-	-	-	-	-	-	-	-	-253
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	253	-	-	-	-	-	-	-	-	-	-	253
	2014 Cap Release to Corp Pool	-807	-	-	-	-	-	-	-	-	-	-	-807
	Current Approved Budget	18	-	-	-	-	-	-	-	-	-	-	18
	Approved Funding Sources												
	Self-Liquid. Debent.-Sanitary	18	-	-	-	-	-	-	-	-	-	-	18
	Current Approved Funding Sources	18	-	-	-	-	-	-	-	-	-	-	18

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	18	-	-	-	-	-	-	-	-	-	-	18
	Requested Funding Source												
	Self-Liquid. Debent.-Sanitary	18	-	-	-	-	-	-	-	-	-	-	18
	Requested Funding Source	18	-	-	-	-	-	-	-	-	-	-	18

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-807	-	-	-	-	-	-	-	-	-	-	-807
	Other Costs	825	-	-	-	-	-	-	-	-	-	-	825
	Total	18	-	-	-	-	-	-	-	-	-	-	18

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIRONMENTAL ENHANCEMENT PROJECTS**  
 PROFILE: **12-23-9616**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Environmental Quality Enhancement**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,465</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,465</b>

**PROFILE DESCRIPTION**

This composite project includes five subprojects to improve the drainage system for surface water and groundwater. The main projects include (1) Interconnection Controls (disconnect the connections between sanitary and storm sewers, previously 09-23-0600), (2) Low Impact Development (LID) demonstration projects (to reduce runoff volumes and intercept pollutants), (3) Low Flow Diversions (to divert low stormwater which usually has the highest pollutant concentration to the sanitary sewer for treatment at the Gold Bar Wastewater Treatment Plant, previously 09-31-9615), (4) sewage lagoon rehabilitation (to prevent groundwater contamination), and (5) environmental monitoring equipment and site construction (previously 09-23-9704). This project will likely require an FTE (drainage labor) after 2014. Thus, we will have some impact on operations starting in 2015.

The estimated useful life of the asset is 25 years or more and the debenture term is 25 years.

**PROFILE JUSTIFICATION**

Continued improvement to the water quality in the North Saskatchewan River is an obligation of the City to the Province under the Wastewater System's Approval-to-Operate (No.639-02-07). Interconnection control strategy and stormwater quality control strategy are part of the requirements under the Approval-to-Operate. Low Impact development demonstration projects will promote the LID best Management Practices (BMPs) in the City of Edmonton to reduce the total loading from the stormwater system to the North Saskatchewan River (NSR). LID, stormwater quality strategy, and environmental monitoring are important implementation plans that directly support the City's Environmental strategy - The Way We Green.

**CHANGES TO APPROVED PROFILE**

15-41: Moving the carried forward amount of prior year for 12-23/31-9616 - Environmental Enhancement Projects) to the newly approved project (CM-31-9616 - Environmental Enhancement Projects)

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Environmental Enhancement Projects****FUNDED**PROFILE NUMBER: **12-23-9616**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,678	-	-	-	-	-	-	-	-	-	-	5,678
	2012 CBS Budget Adjustment	-264	-	-	-	-	-	-	-	-	-	-	-264
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	264	-	-	-	-	-	-	-	-	-	-	264
	2014 Cap Carry Forward	-61	61	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-604	-	-	-	-	-	-	-	-	-	-	-604
	2015 Cap Administrative	-	-61	-	-	-	-	-	-	-	-	-	-61
	2015 Cap Council	-	-548	-	-	-	-	-	-	-	-	-	-548
	Current Approved Budget	5,013	-548	-	-	-	-	-	-	-	-	-	4,465
	Approved Funding Sources												
	Drainage Retained Earnings	4,663	-576	-	-	-	-	-	-	-	-	-	4,087
	Sanitary Serv. Strategy Fund	-	28	-	-	-	-	-	-	-	-	-	28
	Self-Liquid. Debent.-Sanitary	350	-	-	-	-	-	-	-	-	-	-	350
	Current Approved Funding Sources	5,013	-548	-	-	-	-	-	-	-	-	-	4,465

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,013	-548	-	-	-	-	-	-	-	-	-	4,465
	Requested Funding Source												
	Drainage Retained Earnings	4,663	-576	-	-	-	-	-	-	-	-	-	4,087
	Sanitary Serv. Strategy Fund	-	28	-	-	-	-	-	-	-	-	-	28
	Self-Liquid. Debent.-Sanitary	350	-	-	-	-	-	-	-	-	-	-	350
	Requested Funding Source	5,013	-548	-	-	-	-	-	-	-	-	-	4,465

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-665	-548	-	-	-	-	-	-	-	-	-	-1,213
	Other Costs	5,678	-	-	-	-	-	-	-	-	-	-	5,678
	Total	5,013	-548	-	-	-	-	-	-	-	-	-	4,465

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SYSTEM EXPANSION PROJECTS**  
 PROFILE: **12-23-9619**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **System Expansion Projects**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,164</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,164</b>

**PROFILE DESCRIPTION**

This project brings new customers into the Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as a City infrastructure.

This program provides customer services by: the provision of sewer mains and services, the installation of storm and sanitary sewer services to private properties from city sewers, the review of development drawings and the long range planning for drainage systems. Work will be completed as requested during the year or dependent on owner petitions. This project will have no operating cost impact. This project will be funded by both Sanitary and Stormwater Drainage. The project also creates additional revenues and expands the customer base.

This project provides resources to review and accept the drainage facilities required to service new lots in private developments. Fifty percent of the funding is from Private Developers. Private Developers will turn over the drainage facilities to the City as assets in accordance with the Servicing Agreement. This project will have a minimal short term operating cost impact.

This project combines 3 projects previously approved separately in past budget submissions. They were 7199 (Review/Inspect Developer Built Sewers), 9608 (Local Improvement Sewers), and 9513 (Service Connections Expansion).

**PROFILE JUSTIFICATION**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. The City is also obligated to install sewer service connections to meet requirements and commitments pursuant to the local improvement bylaw authorizations.

In support of planned growth, the City is required to review and accept the drainage facilities needed to service new lots. Drainage Services, under the terms of the Servicing Agreement, ensures that applicable obligations and Standards are met prior to the City accepting the drainage facilities for long-term operations and maintenance.

**COST ESTIMATE** - Based on historical costs increased for inflation. Actual costs for sewer connections are dependent upon the amount of development that occurs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **System Expansion Projects****FUNDED**PROFILE NUMBER: **12-23-9619**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	28,691	-	-	-	-	-	-	-	-	-	-	28,691
	2012 CBS Budget Adjustment	-11,301	-	-	-	-	-	-	-	-	-	-	-11,301
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	11,301	-	-	-	-	-	-	-	-	-	-	11,301
	2014 Cap Carry Forward	-8,424	8,424	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-14,527	-	-	-	-	-	-	-	-	-	-14,527
	2015 Cap Release to Corp Pool	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	20,267	-6,104	-	-	-	-	-	-	-	-	-	14,164
	Approved Funding Sources												
	Developer Financing	7,379	-	-	-	-	-	-	-	-	-	-	7,379
	Drainage Retained Earnings	12,310	-	-	-	-	-	-	-	-	-	-	12,310
	Local Improvements Prop. Share	578	-6,104	-	-	-	-	-	-	-	-	-	-5,526
	Current Approved Funding Sources	20,267	-6,104	-	-	-	-	-	-	-	-	-	14,164

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	20,267	-6,104	-	-	-	-	-	-	-	-	-	14,164
	Requested Funding Source												
	Developer Financing	7,379	-	-	-	-	-	-	-	-	-	-	7,379
	Drainage Retained Earnings	12,310	-	-	-	-	-	-	-	-	-	-	12,310
	Local Improvements Prop. Share	578	-6,104	-	-	-	-	-	-	-	-	-	-5,526
	Requested Funding Source	20,267	-6,104	-	-	-	-	-	-	-	-	-	14,164

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-8,424	-6,104	-	-	-	-	-	-	-	-	-	-14,527
	Other Costs	28,691	-	-	-	-	-	-	-	-	-	-	28,691
	Total	20,267	-6,104	-	-	-	-	-	-	-	-	-	14,164

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMBINED SEWER OVERFLOW CONTROL PROJECTS**  
 PROFILE: **12-23-9702**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Combined Sewer Overflow Strategy**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,338</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,338</b>

**PROFILE DESCRIPTION**

This program, approved by the Transportation and Public Works Committee on March 14, 2000, will improve the water quality in the North Saskatchewan River through the undertaking of measures to reduce and control the release of untreated wastewater from combined sewer overflows. The Combined Sewer Overflow (CSO) Control Strategy involves projects that will provide: optimization of the existing sewerage system, storage and treatment of wet weather flows, opportunistic sewer system separation, weir modification and increased system conveyance capacity. Other initiatives relating to the CSO are included in projects 04-23-9302 (WESS W12), and 05-23-2160 (Opportunistic Sewer Separation). Work includes: conceptual designs for modifications to the CSO structures to optimize their performance, and detailed design and construction of some CSO site modifications.

The estimated useful life of the asset is 25 years or more and the debenture term is 25 years. This project will have no short term operating impact.

**PROFILE JUSTIFICATION**

Implementation of the CSO Control Strategy is required in Edmonton's Approval-to-Operate, and partially fulfills the City's legal obligation under the Fisheries Act and the Canadian Environmental Protection Act, and parallels the requirements of the Alberta Environmental Protection and Enhancement Act to prevent the overflow of untreated wastewater to the environment. Implementation is also in keeping with the Council approved 2004 Drainage Master Plan.

TOTAL PROJECT COST/TIMING - The CSO Control Strategy Implementation Plan was submitted to Alberta Environment and was estimated to cost about \$150 million (in 1999 dollars) and should be completed in 2016.

**CHANGES TO APPROVED PROFILE**

#15-41: Transfer of Retained Earnings from CPP 12-23-9702 Combined Sewer Overflow Control Projects to CPP 12-31-9703 Sewer Upgrading to offset the over-expenditure in Retained Earnings totaling \$551,073. These profiles will no longer be used and new profiles have been set up for the approved 2015-2018 capital budget cycle.

#15-41-8: Transfer of funding from Retained Earnings to Debenture Debt as a result of adjusting entries related to the SCBA approved by Council on September 9, 2015 for 05-23-2160 Opportunistic Sewer Separation, an administrative adjustment related to 12-31-9703 Sewer Upgrading and release to Corporate for future priorities". This is for \$2,252,576 amount.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Combined Sewer Overflow Control Projects****FUNDED**PROFILE NUMBER: **12-23-9702**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	12,046	-	-	-	-	-	-	-	-	-	-	12,046
	2012 CBS Budget Adjustment	-3,624	-	-	-	-	-	-	-	-	-	-	-3,624
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,624	-	-	-	-	-	-	-	-	-	-	3,624
	2014 Cap Release to Corp Pool	-8,708	-	-	-	-	-	-	-	-	-	-	-8,708
	2015 Cap Administrative	-	-551	-	-	-	-	-	-	-	-	-	-551
	2015 Cap Council	-	551	-	-	-	-	-	-	-	-	-	551
	2015 Cap Release to Corp Pool	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	3,338	-	-	-	-	-	-	-	-	-	-	3,338
	Approved Funding Sources												
	Drainage Retained Earnings	2,047	-	-	-	-	-	-	-	-	-	-	2,047
	Self-Liquid. Debent.-Sanitary	1,291	-	-	-	-	-	-	-	-	-	-	1,291
	Current Approved Funding Sources	3,338	-	-	-	-	-	-	-	-	-	-	3,338

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,338	-	-	-	-	-	-	-	-	-	-	3,338
	Requested Funding Source												
	Drainage Retained Earnings	2,047	-	-	-	-	-	-	-	-	-	-	2,047
	Self-Liquid. Debent.-Sanitary	1,291	-	-	-	-	-	-	-	-	-	-	1,291
	Requested Funding Source	3,338	-	-	-	-	-	-	-	-	-	-	3,338

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-8,708	-	-	-	-	-	-	-	-	-	-	-8,708
	Other Costs	12,046	-	-	-	-	-	-	-	-	-	-	12,046
	Total	3,338	-	-	-	-	-	-	-	-	-	-	3,338

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER UPGRADING**  
 PROFILE: **12-23-9703**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Drainage Neighbourhood Renewal**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>245</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>245</b>

**PROFILE DESCRIPTION**

This project will increase the capacity of the City's sewer systems and minimize capacity constraints. It aims to improve the service level in all the 255 neighbourhoods built prior to 1989. This project includes the investigation, assessment and design of the neighbourhoods as well as some construction. This project is financed by both Sanitary and Stormwater Drainage. The expected life of the asset is at 25 years or more and the debenture term is 25 years. This project will have no operating impact.

**PROFILE JUSTIFICATION**

Upgrading of existing facilities can help to ensure that an acceptable level of service is provided to Drainage customers and reduce the risk of flooding, while also improving the water quality in the North Saskatchewan River. Stormwater quality has been identified as a significant source of some contaminants to the North Saskatchewan River. Control of these contaminants is a partial fulfilment of obligations to Alberta Environment.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer Upgrading****FUNDED**PROFILE NUMBER: **12-23-9703**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	825	-	-	-	-	-	-	-	-	-	-	825
	2012 CBS Budget Adjustment	-222	-	-	-	-	-	-	-	-	-	-	-222
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	222	-	-	-	-	-	-	-	-	-	-	222
	2014 Cap Release to Corp Pool	-580	-	-	-	-	-	-	-	-	-	-	-580
	Current Approved Budget	245	-	-	-	-	-	-	-	-	-	-	245
	Approved Funding Sources												
	Self-Liquid. Debent.-Sanitary	245	-	-	-	-	-	-	-	-	-	-	245
	Current Approved Funding Sources	245	-	-	-	-	-	-	-	-	-	-	245

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	245	-	-	-	-	-	-	-	-	-	-	245
	Requested Funding Source												
	Self-Liquid. Debent.-Sanitary	245	-	-	-	-	-	-	-	-	-	-	245
	Requested Funding Source	245	-	-	-	-	-	-	-	-	-	-	245

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-580	-	-	-	-	-	-	-	-	-	-	-580
	Other Costs	825	-	-	-	-	-	-	-	-	-	-	825
	Total	245	-	-	-	-	-	-	-	-	-	-	245

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENHANCED BIOSOLIDS DEWATERING UPGRADE**  
 PROFILE: **13-23-9621**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME: **Environmental Quality Enhancement**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2014
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>15,347</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>15,347</b>

**PROFILE DESCRIPTION**

The Biosolids Management Strategy presented to Committee on May 15, 2012 outlined the urgent need to proceed on a path that would see the Sanitary Drainage Utility dispose of its annual biosolids generated from operations, and to aggressively reduce the inventory in the lagoons. The service is currently provided using assets owned and operated by Waste Management Utility. The existing capacity of the plant is insufficient to meet the Biosolids Management Plan. The consultant study prepared for the Biosolids Management Plan indicated that the most cost effective approach is to expand the existing annual capacity of the Dewatering Plant from 26,000 dry tonnes to 40,000 dry tonnes.

**PROFILE JUSTIFICATION**

The project is required as Sanitary Drainage Utility's approval to operate stipulates the need to manage its biosolids. The approval to operate will expire in May 2015 and it is anticipated that renewal of this approval will be dependent upon the Utility having implemented a disposal strategy that reduces the existing inventory level in the lagoons.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Enhanced Biosolids Dewatering upgrade****FUNDED**PROFILE NUMBER: **13-23-9621**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,079	-	-	-	-	-	-	-	-	-	-	12,079
	2015 Cap Council	-	3,268	-	-	-	-	-	-	-	-	-	3,268
	Current Approved Budget	12,079	3,268	-	-	-	-	-	-	-	-	-	15,347
	Approved Funding Sources												
	Drainage Retained Earnings	5,596	3,351	-	-	-	-	-	-	-	-	-	8,947
	Self-Liquid. Debent.-Sanitary	6,483	-83	-	-	-	-	-	-	-	-	-	6,400
	Current Approved Funding Sources	12,079	3,268	-	-	-	-	-	-	-	-	-	15,347

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	12,079	3,268	-	-	-	-	-	-	-	-	-	15,347
	Requested Funding Source												
	Drainage Retained Earnings	5,596	3,351	-	-	-	-	-	-	-	-	-	8,947
	Self-Liquid. Debent.-Sanitary	6,483	-83	-	-	-	-	-	-	-	-	-	6,400
	Requested Funding Source	12,079	3,268	-	-	-	-	-	-	-	-	-	15,347

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	3,268	-	-	-	-	-	-	-	-	-	3,268
	Other Costs	12,079	-	-	-	-	-	-	-	-	-	-	12,079
	Total	12,079	3,268	-	-	-	-	-	-	-	-	-	15,347

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	INITIAL PHASE DOWNTOWN STORMWATER DRAINAGE SERVICING	<b>FUNDED</b>
PROFILE	14-23-4102	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Financial Services & Utilities - Utilities	PROFILE TYPE: Standalone
BRANCH:	Sanitary Utility	PROFILE MANAGER: Todd Wyman
PROGRAM NAME:		LEAD BRANCH MANAGER: Chris Ward
LEAD BRANCH:	Stormwater Utility	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category: Utilities		Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	22,325
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	22,325

**PROFILE DESCRIPTION**

Construction of a stormwater trunk to accommodate anticipated infill and redevelopment of Downtown is required for the Downtown Community Revitalization Levy Area. Drainage studies undertaken in 2009 and 2011 identify the need for upgrades to the drainage system to handle increasing volumes.

The upgrade's initial phase (this capital profile) includes a storm trunk along 105 Street from 100 Avenue to the existing storm trunk on 111 Avenue using trenchless construction. At 105 Ave, the tunnel will run westward to 107 Street. From 105 Avenue to 111 Avenue, the tunnel will run along 107 Street.

This sewer will also provide a needed storm outlet for the North Edge redevelopment area and the Central McDougall Opportunistic Sewer Separation work. As such, Drainage will contribute funding to the project for the up-sizing of the trunk.

This is Phase 1 of a two-phase project. Phase 2 will involve lateral storm sewers to be implemented as required in the future based on development.

**PROFILE BACKGROUND**

Without improved drainage, development in Downtown will increase both the magnitude and frequency of flooding and of Combined Sewer Overflow.

Constructing this stormwater trunk will mitigate these concerns.

For this reason, the Downtown Community Revitalization Levy Plan (as approved by Council on Sep. 17, 2013 and the Province on Apr. 16, 2014) identifies drainage servicing upgrades as an initial catalyst project.

This profile is being expedited ahead of the 2015-2018 Capital budget process to allow work to begin as soon as possible. Drainage work must be completed before Neighbourhood Renewal can proceed in Central McDougall as scheduled for 2018/2019. To avoid conflicts or further delays to neighbourhood renewal, Drainage work must begin in 2014.

This profile is Phase 1 of a larger project. Future sewers on 100 and 102 Avenues (conceptual estimate of \$32 million in 2013 dollars) will further enhance servicing and will be proposed in future budget cycles as required.

**PROFILE JUSTIFICATION**

Downtown Edmonton is currently serviced with a combined sewer system and during moderate and heavy rainfall events, flows can exceed the sewer capacity resulting in flooding and combined sewer overflows.

As intensification and redevelopment occurs Downtown, sanitary flows and storm runoff will increase, and a higher level of drainage service will be required to support Downtown redevelopment.

While the system can currently accommodate the arena and associated developments, it is reaching the point at which it will not be able to service new developments.

Construction of this stormwater trunk will result in a lower risk of basement flooding, reduced frequency of surface flooding, and environmental benefits through reduced combined sewer overflow discharge.

For this reason, the Downtown Community Revitalization Levy Plan (as approved by Council on Sept. 17, 2013 and the Province on Apr. 16, 2014) identifies drainage servicing upgrades as an initial catalyst project.

# CAPITAL PROFILE REPORT

## STRATEGIC ALIGNMENT

This project advances the following "The Way Ahead" strategic goals: The Way We Green, The Way We Grow, and The Way We Finance.

This profile also fulfils a commitment to Alberta Environment.

## ALTERNATIVES CONSIDERED

Three options are available:

- (1) Do nothing: This does not meet the servicing needs.
- (2) Partial sewer separation and lateral improvements: PREFERRED OPTION
- (3) total sewer separation: Prohibitively expensive (more than \$200 million).

## COST BENEFITS

Tangible Benefits:

- Improved hydraulic performance of the combined sewer systems in Downtown Edmonton.
- Reduced risk of sewer backup and surface flooding.
- Reduction in downstream Combined Sewer Overflow discharge to the river.

Intangible:

- Support revitalization of the Downtown core.
- Increased confidence that reasonable drainage servicing exists to support Downtown development.

## KEY RISKS & MITIGATING STRATEGY

Risks include construction challenges and cost escalation; a thorough design process and contingencies will mitigate these risks.

Risks of not proceeding are conflicts with Neighbourhood Renewal in Central McDougall and increased flooding.

## RESOURCES

No new personnel requirements. External engineering consultants and contractors will be used for the design and open-cut construction works. Tunnel construction will be undertaken by City's Drainage Design and Construction.

## CONCLUSIONS AND RECOMMENDATIONS

Recommend proceeding with partial sewer separation and lateral upgrades. The initial phase, a trunk sewer flowing northbound along 105 Street will be completed during this capital budget cycle.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Initial Phase Downtown Stormwater Drainage Servicing****FUNDED**PROFILE NUMBER: **14-23-4102**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,505	6,763	7,212	3,707	-	-	-	-	-	-	22,188
	2015 Cap Council	-	320	163	-237	-108	-	-	-	-	-	-	137
	Current Approved Budget	-	4,825	6,926	6,975	3,599	-	-	-	-	-	-	22,325
	Approved Funding Sources												
	Debt CRL Downtown	-	4,800	4,058	4,327	2,224	-	-	-	-	-	-	15,409
	Drainage Retained Earnings	-	25	2,868	2,648	1,375	-	-	-	-	-	-	6,916
	Current Approved Funding Sources	-	4,825	6,926	6,975	3,599	-	-	-	-	-	-	22,325

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,825	6,926	6,975	3,599	-	-	-	-	-	-	22,325
	Requested Funding Source												
	Debt CRL Downtown	-	4,800	4,058	4,327	2,224	-	-	-	-	-	-	15,409
	Drainage Retained Earnings	-	25	2,868	2,648	1,375	-	-	-	-	-	-	6,916
	Requested Funding Source	-	4,825	6,926	6,975	3,599	-	-	-	-	-	-	22,325

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	4,215	6,010	5,998	3,097	-	-	-	-	-	-	19,320
	Design	-	610	916	977	502	-	-	-	-	-	-	3,005
	Total	-	4,825	6,926	6,975	3,599	-	-	-	-	-	-	22,325

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KENNEDALE ACCOMMODATION UPGRADE**  
 PROFILE: **15-23-6142**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2016
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,227</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,227</b>

**PROFILE DESCRIPTION**

The involves adding 1,570 square meters to the equipment Garage at the rear of the complex. The vehicle and equipment stored in the main building can then be stored in the equipment garage. This garage space in the main building can be converted into office space without changing the footprint of the main building. The additional office space would accommodate future space requirements for the next 5 years. This will add about 10,000 sq ft of office space and about 14,000 sq ft of shop space. Construction in the conceptual design phase is estimated at about \$11.5 Million of which \$1 Million is estimated for detailed design cost. Construction is anticipated to require 2 years to complete and would be phased with the expansion to the Equipment Garage first, followed by construction within the vacated garage space in the main building and ultimately the renovation of remaining office spaces.

**PROFILE BACKGROUND**

Drainage Operations anticipates adding staff and equipment in 2015 but has reached office and shop space capacity. The proposal adds onto an existing heated outbuilding and substantial renovation turning shop space in offices in the main building. Many renovations have occurred over the years to provide additional space for the Kennedale Drainage Operations Complex. All office space is now occupied and additional staff and equipment is anticipated in the 2015 budget. A consultant was engaged to develop and accommodation plan that minimizes cost and maximizes efficiency. In 2015 about 10 FTE and 7 vehicles have been requested. The current space will not accommodate storage of the equipment in the required heated environment and the staff can only be provided temporary accommodation in a boardroom.

**PROFILE JUSTIFICATION**

Additional office and shop space will allow for growth of staff and equipment levels. As the City grows, so does the drainage network. In order to maintain a reliable system to preserve public health and the environment, additional staff and equipment is required. Kennedale Drainage Operations is at capacity and additional space is required immediately. The anticipated outcomes include increased morale due to more welcoming and environmentally sustainable office space, increased connectivity between staff due to an open office conceptual plan, and preservation of City assets due to the appropriate storage of expensive vehicles and equipment in a heated storage environment. The measures of success will be that this proposal is accepted and funded in the 2015-2018 Capital program.

**STRATEGIC ALIGNMENT**

This project aligns with THE WAY WE GROW, THE WAY WE GREEN, AND THE WAY WE LIVE as a result of interrelationships between our operations and the preservation of public health and the environment while allowing the City to expend through development.

**ALTERNATIVES CONSIDERED**

A do nothing alternative would result in a decrease in service level and an increase in service interruptions. Outsourcing has been investigated but competition causes availability and pricing to fluctuate.

**COST BENEFITS**

The tangible benefits include foregoing spending and estimated \$50 million to build new rather than renovate. The intangible benefits of this proposal include reducing the City's environmental footprint through the use of LEEDS Silver standards and the reduction of office space per person as a result of applying the new City office standards. Morale would be increased as noise, lighting and heating issues existing in the building.

**KEY RISKS & MITIGATING STRATEGY**

The risk of not proceeding with this project is that the required staff and equipment are not hired while the City continues to grow.

**RESOURCES**

This project does not directly require an increase in staff resources.

**CONCLUSIONS AND RECOMMENDATIONS**

The recommendation is to approve the request to fund the renovation of existing space at a cost of about \$11.7 Million.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kennedale Accommodation Upgrade****FUNDED**PROFILE NUMBER: **15-23-6142**PROFILE TYPE: **Standalone**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Current Approved Budget	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,030	1,061	-	-	-	-	-	-	-	-	2,091
	Self-Liquid. Debent.-Sanitary	-	1,545	1,591	-	-	-	-	-	-	-	-	3,136
	Current Approved Funding Sources	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Requested Funding Source												
	Drainage Retained Earnings	-	1,030	1,061	-	-	-	-	-	-	-	-	2,091
	Self-Liquid. Debent.-Sanitary	-	1,545	1,591	-	-	-	-	-	-	-	-	3,136
	Requested Funding Source	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,318	2,387	-	-	-	-	-	-	-	-	4,705
	Design	-	258	265	-	-	-	-	-	-	-	-	523
	Total	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPPORTUNISTIC SEWER SEPARATION**  
 PROFILE: **CM-23-2160**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2020
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Service Category: Utilities		Major Initiative: Downtown Arena District	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,975</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,975</b>

**PROFILE DESCRIPTION**

Opportunistic Sewer Separation (OSS) is one of several components of the Combined Sewer Overflow (CSO) Control Strategy for long term control measures to reduce CSO's to the North Saskatchewan River (NSR). Working towards the long-term goal of sewer separation or its environmental equivalent to protect the NSR water quality is one of the requirements for the City's Approval to Operate (No. 639-02-07).

OSS involves converting combined sewer systems into separate sanitary and storm sewers in an opportunistic and cost effective manner. In addition to protecting the NSR water quality, sewer separation will increase sewer system level of service to reduce potential basement flooding in combined sewer areas and also reduce pressure on downstream combined trunks. Opportunities arise when the cost of separation could be optimized as the result of synergy with other projects such as the Drainage Neighbourhood Renewal Program, the Sewer Upgrading Strategy, or the Flood Prevention Program.

**PROFILE BACKGROUND**

The City has an area of approximately 4,270 ha currently serviced by the combined sewer system and consists of about 930 km of combined sewers. Opportunistic Sewer Separation (OSS) converts combined sewer systems into separate sanitary and storm sewers in an opportunistic and cost effective manner. Opportunities arise when the cost of separation could be optimized as the result of synergy with other projects such as Drainage Neighbourhood Renewal, the Sewer Upgrading Strategy, or the Flood Prevention Program.

The City's 18 Combined Sewer Overflow (CSO) sites were identified to be one of the sources of bacteria that cause in-stream river levels to exceed water quality criteria for primary contact recreation. The OSS program will contribute to the reduction of bacteria in untreated CSO discharges. Since the start of the program in 2005, five out of the nine identified projects have been completed resulting in 75 hectares of the combined sewer area being separated.

**PROFILE JUSTIFICATION**

As a result of the OSS projects, more combined areas will be separated and both quantity and frequency of CSO's to the NSR will be reduced. Sewer separation will increase sewer system level of service to reduce potential basement flooding in combined sewer areas and will also reduce pressure on downstream combined trunks. The net benefits of other programs or strategies can be maximized and overall cost savings can be achieved as a result of the OSS program.

Working towards the long-term goal of sewer separation or its environmental equivalent to protect the NSR water quality is one of the requirements for the City's Approval to Operate (No. 639-02-07) by Alberta Ministry of Environment and Sustainable Resource Development (ESRD).

**STRATEGIC ALIGNMENT**

This program aligns with "The Way We Green" and "The Way We Live" as it protects the river water quality, reduces potential basement flooding in combined sewer areas and reduces the impact on the environment and public health.

**ALTERNATIVES CONSIDERED**

Total separation of the combined system, which is very costly and disruptive.

No sewer separation, which would make it difficult to reach long term goals for river water quality and to maintain the City's Approval to Operate.

**COST BENEFITS**

The volume and frequency of CSOs to the North Saskatchewan River will be reduced, which protects water quality. Level of service will be increased and will reduce the potential for basement flooding in combined sewer areas, and will reduce flows in downstream combined trunks. It is one of the regulatory requirements as outlined in the City's Approval to Operate under the Environmental Projection and Enhancement Act.

**KEY RISKS & MITIGATING STRATEGY**

Risk of not doing this project includes flooding and hazard to the environment. Close coordination with other City projects is essential for this program.

# CAPITAL PROFILE REPORT

## RESOURCES

No new internal resources will be required by this program. However, OSS projects may require external resources for both the design and construction phases.

## CONCLUSIONS AND RECOMMENDATIONS

Previous studies indicated that sewer separation is generally costly and total separation will be unrealistic based on both cost and time for implementation. Separation of the combined sewer systems has to be where it is cost effective to do so.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Opportunistic Sewer Separation****FUNDED**PROFILE NUMBER: **CM-23-2160**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Current Approved Budget	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	106	984	900	-	-	-	-	-	-	1,990
	Self-Liquid. Debent.-Sanitary	-	-	159	1,475	1,351	-	-	-	-	-	-	2,985
	Current Approved Funding Sources	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Requested Funding Source												
	Drainage Retained Earnings	-	-	106	984	900	-	-	-	-	-	-	1,990
	Self-Liquid. Debent.-Sanitary	-	-	159	1,475	1,351	-	-	-	-	-	-	2,985
	Requested Funding Source	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	239	2,212	2,026	-	-	-	-	-	-	4,477
	Design	-	-	26	247	225	-	-	-	-	-	-	498
	Total	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE VEHICLE AND CONSTRUCTION EQUIPMENT**  
 PROFILE: **CM-23-6130**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Chris Ward**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2024**

Service Category: <b>Utilities</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,202</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,202</b>

**PROFILE DESCRIPTION**

New equipment includes:  
 (2015; 2-MTV Units(600,000), 2- Combination Units (1,100,000), Trouble Truck (140,000), Mini Mining excavator (600,000), Compressors (20,000), Forklift (100,000), Bobcat Transport Trailer (30,000), 50 ton shop press (10,000), Cable Reeler (10,000), Miscellaneous Equip. (100,000)),  
 (2016; 1 Vector (\$550000), Generators (40,000), Steel Bender (150,000), Drill Rig - Test hole (800,000), Miscellaneous Equip. (100,000)),  
 (2017; Plasma cutter (200,000), Miscellaneous Equip. (100,000)),  
 (2018; Sampling and Compliance Van (116,000), Micro Tunneling Machine (4,000,000), Miscellaneous Equip.(100,000)).

**PROFILE BACKGROUND**

Drainage Services uses specialized equipment to build, inspect, clean and maintain the sanitary and storm sewer system. As the City grows, the sewer system grows with it which requires new equipment to support construction and operation activities. Equipment purchases consist of new equipment to support growth and improve efficiency as well as replacement of existing equipment that are in poor condition. Drainage Services business plans set service level targets. In order to maintain these targets and provide a safe work environment new innovative equipment must be purchased and aging equipment must be replaced. Purchases include: sewer inspection equipment, combination units for cleaning sewers, upgrade tunnel equipment, microtunnelling machine, generators, compressor, excavation equipment, lifting equipment, communication equipment, drill rig, ground freezing equipment, trucks and vans

**PROFILE JUSTIFICATION**

The Replacement Equipment request is to provide budget to procure replacement equipment that has reached the end of its useful life but continues to be required. The new equipment requested is to provide equipment for new council approved employees. Drainage Operations plans to expand the CCTV inspection program to increase the amount of inventory in the video library from 30% to 50% with the ultimate goal of 80% or more. Preventative inspection will ensure infrastructure degradation is monitored and potential problems address to minimize service interruption and maintain user satisfaction. Drainage Design and Construction requires new equipment to deliver the increase flood prevention program and other council approved strategic programs for other City departments. The risk of not purchasing the proposed new equipment is increase change of flooding, service interruption, negative impact on public health the environment and the River, and impedes development and growth of the City.

**STRATEGIC ALIGNMENT**

The Flood Prevention Program, Drainage Master Plan, and the City's strategic plans including the Neighborhood Rehabilitation Program are impacted by the need to replace and procure new equipment.

**ALTERNATIVES CONSIDERED**

The alternatives include a decrease in service level, an increase in the risk of workplace injuries, and the inability to keep up with the growth of the City and the delivery of the associated Strategic Programs.

**COST BENEFITS**

The costs are itemized in the Profile Description above. The tangible benefits of purchasing new equipment will be an increased meterage of CCTV infrastructure inspection, increased open cut production, and the meeting of schedules related to recently increased capital programs. The intangible benefits include increased customer satisfaction, increased employee morale, and safer more efficient workplace due to new technology.

**KEY RISKS & MITIGATING STRATEGY**

The risks of not proceeding is that service levels will drop, interruption of service will increase, preventative maintenance planning will not have evidence to support the plan, we will be unable to keep up with demand for construction.

**RESOURCES**

This request for additional equipment has corresponding FTE request in the operating budget forecast. If the request for new equipment is not approved, additional FTE may separately be approved but their ability to work may be negatively impacted.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended to approve the budget for replacement of existing equipment and the purchase of new equipment as per the timeline laid out in the details section above.

## CHANGES TO APPROVED PROFILE

#15-41-8: Transfer funding to reflect assets with a lifecycle of less than 25 years will not be financed by debt.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage Vehicle and Construction Equipment****FUNDED**PROFILE NUMBER: **CM-23-6130**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202
	Current Approved Budget	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202
	Approved Funding Sources												
	Drainage Retained Earnings	-	2,518	1,202	1,410	4,438	-	-	-	-	-	-	9,568
	Self-Liquid. Debent.-Sanitary	-	-	302	164	168	-	-	-	-	-	-	634
	Current Approved Funding Sources	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202
	Requested Funding Source												
	Drainage Retained Earnings	-	2,518	1,202	1,410	4,438	-	-	-	-	-	-	9,568
	Self-Liquid. Debent.-Sanitary	-	-	302	164	168	-	-	-	-	-	-	634
	Requested Funding Source	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Equip FurnFixt	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202
	Total	-	2,518	1,504	1,574	4,606	-	-	-	-	-	-	10,202

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	-	-	<b>10.0</b>	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE FACILITY UPGRADING**  
 PROFILE: **CM-23-6140**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: <b>Utilities</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>5,323</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>5,323</b>

**PROFILE DESCRIPTION**

Drainage Services is currently at capacity for office and shop space across the various operating units. In order to meet current and anticipated growth from 2015 - 2018, additional space need to be built out and existing space will need to be densified in order to accommodate all staff. Projects and Initiatives identified as part of the Drainage Facility Upgrading include:

- Kennedale Operations Accommodation Plan
- Coronation Yard Densification & Alignment
- Coronation Yard Shop Re-purposing
- Eastgate Densification
- Poundmaker Temporary Office Accommodations

These projects and initiatives are focused around providing the necessary facilities to maintain current service levels of Drainage Services.

**PROFILE BACKGROUND**

Drainage services currently operates out of 3 main facilities (excluding Century Place) including Kennedale Yard, Coronation Yard & Eastgate. Although the work force including staff levels and equipment has grown significantly over the years, the amount of space available to accommodate this workforce has not kept pace. This situation has resulted in all facilities being at or over capacity with the risk of inefficiencies occurring due to the lack of space available. The Drainage Facility upgrading profile will provide Drainage Services with the necessary resources in order to expand existing facilities to house the on-coming workforce in 2015 in addition to initiating projects to densify the current space in order to create efficiencies within the space and to align with the new corporate guidelines surrounding office space.

**PROFILE JUSTIFICATION**

Additional office and shop space will allow for growth of staff and equipment levels. In order to maintain a reliable system to preserve public health and the environment, additional staff and equipment is required. Kennedale and Coronation Yards are over capacity and additional space is required. The current situation has resulted in questions surrounding around the capacity to hire new employees due to the lack of space to house these employees. This puts significant risk on Drainage Services' ability to meet the demands. The anticipated outcomes include increased morale due to more welcoming and environmentally sustainable office space, increased connectivity between staff due to an open office conceptual plan, room for growth associated densification of work stations, and preservation of City assets due to the appropriate storage of expensive vehicles and equipment in a heated storage environment.

**STRATEGIC ALIGNMENT**

1. Citizens, in terms of flood protection and uninterrupted services
2. Supporting growth in the new growth areas and infill of the existing areas
3. Aligns with Corporate Space Allocation policies
4. Collaborative team-oriented culture

**ALTERNATIVES CONSIDERED**

Due to current facilities being at capacity, other alternatives include acquiring additional office/shop space such as the purchase or lease of other facilities.

**COST BENEFITS**

Given the state of current facilities, the cost benefit of the initiative relates to the minimization of downtime associated with providing space. Additionally, expanding and retrofitting current facilities will prove to be much more cost effective in the short term as opposed to purchasing a new building to meet the current demand.

**KEY RISKS & MITIGATING STRATEGY**

Risk associated with the initiative is the time frame to construct new facilities. In order to mitigate this risk, proper planning and procurement of temporary space will be required in order to ensure that all construction timelines are met.

**RESOURCES**

This project does not directly require an increase in staff resources. Project management functions would be utilized through the City of Edmonton Project Management & Building Maintenance group.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

In order for Drainage Services to maintain its current level of service and allow for the anticipated future growth, it is recommended to approve the Drainage Facility Upgrade initiative.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage Facility Upgrading****FUNDED**PROFILE NUMBER: **CM-23-6140**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Current Approved Budget	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Approved Funding Sources												
	Drainage Retained Earnings	-	721	743	328	338	-	-	-	-	-	-	2,129
	Self-Liquid. Debent.-Sanitary	-	1,082	1,114	492	506	-	-	-	-	-	-	3,194
	Current Approved Funding Sources	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Requested Funding Source												
	Drainage Retained Earnings	-	721	743	328	338	-	-	-	-	-	-	2,129
	Self-Liquid. Debent.-Sanitary	-	1,082	1,114	492	506	-	-	-	-	-	-	3,194
	Requested Funding Source	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,622	1,671	738	760	-	-	-	-	-	-	4,790
	Design	-	180	186	82	84	-	-	-	-	-	-	532
	Total	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE IT ASSETS**  
 PROFILE: **CM-23-6200**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

<b>Service Category: Utilities</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,575</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,575</b>

**PROFILE DESCRIPTION**

Drainage IT Applications is a composite project that comprises of a number of IT related applications. The project is divided into three main categories

- 1) Maintenance: includes licensing of Bentley software and other maintenance requirements that are required as part of the day to day activities for certain software
- 2) Upgrades - Changes and updates to existing applications in compliance with Corporate and standards; The IT Strategy plays a significant role in determining and spearheading some of these upgrades.
- 3) Growth - Based on a continual improvement model; this also includes changes that are needed as a result of process changes across the business. The IT Strategy plays a significant role in determining and spearheading some of these growth projects.

**PROFILE BACKGROUND**

In order to support the growing demands of the business, Drainage Services and IT Branch collaborated to identify business needs and challenges critical in establishing the appropriate initiatives that would support the strategic goals of both branches. The Drainage IT Applications program allows Drainage Services to practice continuous improvement and realize efficiencies through the use of technology. This also aligns with Council's initiative of 2% saving through innovation.

Drainage Services continuously relies on technology. The partnership between the IT branch and Drainage Services has made it possible to support the ongoing maintenance, improvement and expansion of the current system in place. Continuous Improvement is a high priority for Drainage Services. In previous years, Drainage Services has identified several priority IT initiatives through the 2013-2015 Drainage IT Strategy.

**PROFILE JUSTIFICATION**

Sustainable technology solutions are essential tools to optimize business operational efficiencies. Implementing advanced technologies will help support productivity, meet increased workloads and achieve productivity gains. In order to successfully maintain business service levels it is necessary to continuously enhance the current technology we have in place, to support the corporate outcome that The City has sustainable assets and services. The implementation of the Drainage IT Application program will sustain and support all the IT initiatives identified based on the collaboration between Drainage Services and IT branch.

**RESULTS**

- Improved operational efficiency
- Maintained service levels of Drainage Services Branch
- Effective implementation of IT initiatives
- Effective transitions to process changes

**STRATEGIC ALIGNMENT**

Aligns with The Way We Finance, by ensuring that Drainage Services is fully equipped with up to date IT solutions to efficiently support the programs and services which citizens require. This program also aligns with The Way We Grow strategic goal

**ALTERNATIVES CONSIDERED**

Do nothing - Not moving forward on these initiatives will prevent Drainage Services from realizing additional efficiencies.

**COST BENEFITS**

- Continuous Improvement
- Innovation
- Operational Efficiencies
- Improves customer satisfaction through higher confidence in data accuracy.

**KEY RISKS & MITIGATING STRATEGY**

Lack of support for existing IT systems limits productivity and lowers service levels to citizens. Change in long terms plans of the business is also considered a key risk as it impacts the overall scope of the Drainage IT applications program.

**RESOURCES**

No new FTEs will be required for the planning and implementation of this program.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

The implementation of the Drainage IT Application program will ensure that Drainage Services will successfully maintain and improve the service levels of the branch to meet the expectation of citizens.

## CHANGES TO APPROVED PROFILE

#15-41-8: Transfer funding to reflect assets with a lifecycle of less than 25 years will not be financed by debt.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage IT Assets****FUNDED**PROFILE NUMBER: **CM-23-6200**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Current Approved Budget	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,476	530	546	563	-	-	-	-	-	-	3,116
	Self-Liquid. Debent.-Sanitary	-	-	796	820	844	-	-	-	-	-	-	2,459
	Current Approved Funding Sources	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Requested Funding Source												
	Drainage Retained Earnings	-	1,476	530	546	563	-	-	-	-	-	-	3,116
	Self-Liquid. Debent.-Sanitary	-	-	796	820	844	-	-	-	-	-	-	2,459
	Requested Funding Source	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Technology	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Total	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SANITARY SERVICING STRATEGY PROJECTS**  
 PROFILE: **CM-23-9210**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>92,635</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>92,635</b>

**PROFILE DESCRIPTION**

In 1998, Edmonton's City Council approved the Sanitary Servicing Strategy to meet the challenges of providing sanitary sewer services to the new development areas. This strategy includes a long term plan for the construction of sanitary sewer trunks that will bring sewerage from new development into the existing trunk system, and convey this flow to the GBWWTP and the ACRWWTP. The goal of the plan is to provide sufficient service to developing areas in a manner that the growth demands of the City are not slowed. The strategy encompasses all new sanitary trunk construction until 2075. The five trunk systems are: 1. North Edmonton Sanitary Trunk, 2. South Edmonton Sanitary Sewer, 3. West Edmonton Sanitary Sewer, 4. Clareview Sanitary Trunk, and 5. Terwillegar University Farms Sewer. The implementation of the Sanitary Servicing Strategy program opens up new areas within the City for development which could not otherwise be affordable.

**PROFILE BACKGROUND**

Development in the City has reached a point where the existing sanitary sewer system could no longer accommodate anticipated flows generated from future development areas. The concepts of five new major trunk systems along with existing system upgrades were developed to convey sewage from the growth areas to the Gold Bar Wastewater Treatment Plant (GBWWTP) and the Alberta Capital Region Wastewater Treatment Plant (ACRWWTP). These together form a long range servicing plan to facilitate development growth in the City for the next 75 years.

**PROFILE JUSTIFICATION**

The program supports residential and industrial development and intensification of existing developed areas. The planned trunk sewers allow storage of wet weather flow during storm events thus reduces the frequency and quantity of combined sewer overflow to the North Saskatchewan River. It will also help to optimize the operation of the wastewater treatment plants by reducing the magnitude of flow fluctuation to the plants. The Regional Wastewater Exchange Agreement between the City and the ACRWC mandates the two jurisdictions to accept each other's sewage flows up to an established level of service flow quantities. The Sanitary Servicing Strategy provides sewer planning and construction as needed to accommodate both the City and regional flows for conveyance to both the GBWWTP and the ACRWWTP. It also contributes to regional cooperation by providing an opportunity for ACRWC to stage the extension of their owned sewer infrastructure.

**STRATEGIC ALIGNMENT**

The Sanitary Servicing Strategy aligns with "The Way We Green", the City of Edmonton's environmental strategic plan, which calls for strong actions to protect and preserve the environment.

**ALTERNATIVES CONSIDERED**

- Staging the SESS SW1 pump station based on optimizing the available pumping rate for upgrading cost.

**COST BENEFITS**

- Land development is not restricted or delayed due to sanitary servicing constraints.
- The funding for sewer construction is equitable and affordable to developers.
- Reduces the risk of basement flooding to developed areas by controlling discharges to existing sewer system during storm events.
- Promotes economical growth of the City, especially by rendering industrial lands serviceable.
- Promotes regional collaboration.

**KEY RISKS & MITIGATING STRATEGY**

Assessment rates may not be enough to sustain positive cash flow for future works; current greenfield cost estimates may not be valid for future construction

**RESOURCES**

Internal: Drainage Design & Construction  
 External: Contractors - non-standard construction expertise.  
 Consultants

**CONCLUSIONS AND RECOMMENDATIONS**

Maintain long term construction schedules to ensure that essential segments are built as required. Priority should be given to segments that will provide overall benefit over segments that service localized areas.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Sanitary Servicing Strategy Projects****FUNDED**PROFILE NUMBER: **CM-23-9210**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Current Approved Budget	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Approved Funding Sources												
	Sanitary Serv. Strategy Fund	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Current Approved Funding Sources	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Requested Funding Source												
	Sanitary Serv. Strategy Fund	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Requested Funding Source	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635
	Total	-	23,008	24,558	22,310	22,759	-	-	-	-	-	-	92,635

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LOCAL IMPROVEMENT**  
 PROFILE: **CM-23-9420**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,896</b>
<b>75</b>	<b>25</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,896</b>

**PROFILE DESCRIPTION**

Possible sanitary sewer and storm sewer main and service connection construction. Projects are completed for areas where local improvement financed construction is requested by the property owners. Developers / property owners request water and sewer servicing to the City. Plans are reviewed and Drainage Design & Construction provides a cost estimate to construct the services requested as per approved drawings submitted. A Local Improvement Bylaw needs to be approved by City Council in order for local improvement financed construction to be carried out.

**PROFILE BACKGROUND**

Developers / property owners request water and sewer servicing to the City. Plans are reviewed and Drainage Design & Construction provides a cost estimate to construct the servicing requested as per approved drawings submitted. A Local Improvement Bylaw needs to be approved by City Council in order for local improvement financed construction to be carried out.

**PROFILE JUSTIFICATION**

Some areas of the City are serviced with water and sewer as a result of local improvement financing becoming available. Local Improvement financing is available to assist developers / property owners with proposed development. Once the Local Improvement Bylaw is approved by City Council the construction may proceed in accordance with approved drawings.

**STRATEGIC ALIGNMENT**

This project aligns with "The Way We Grow" and "The Way We Live" strategic goals to facilitate the development requests to the City. It will also contribute to Preserve and Sustain Edmonton's Environment.

**ALTERNATIVES CONSIDERED**

The developer / property owner has the option to finance their development on their own. The plans for the proposed developments still require City approval to ensure local development aligns with City's overall development strategy and plan.

**COST BENEFITS****Tangible Benefits**

Ensure all requests for water and sewer servicing are handled in a consistent manner within City's standards, bylaw, and estimates provided as per approved drawings.

**Intangible Benefits**

To ensure water and sewer servicing is constructed within City's standards and bylaw.

**Assumptions**

All water and sewer servicing are provided within City's standards and bylaw and handled in a consistent manner.

**KEY RISKS & MITIGATING STRATEGY**

The managing and installation of water and sewer servicing requests by Drainage Services, Public Services Section ensures the developers / property owner requests for servicing are in compliance with City's standards and bylaw.

**RESOURCES**

This alternative will require operating resources for both Drainage Design & Construction and Drainage Public Services Section to process and install water and sewer servicing requested by developers / property owner as per approved drawings.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage Services to ensure all servicing requests are processed in a timely manner to meet developers / property owner requests. Drainage Services has the resources available to handle the requests for servicing from developers/property owner



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Local Improvement****FUNDED**PROFILE NUMBER: **CM-23-9420**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Current Approved Budget	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Approved Funding Sources												
	Drainage Retained Earnings	-	252	186	268	197	-	-	-	-	-	-	903
	Local Improvements Prop. Share	-	3,353	2,467	3,557	2,617	-	-	-	-	-	-	11,993
	Current Approved Funding Sources	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Requested Funding Source												
	Drainage Retained Earnings	-	252	186	268	197	-	-	-	-	-	-	903
	Local Improvements Prop. Share	-	3,353	2,467	3,557	2,617	-	-	-	-	-	-	11,993
	Requested Funding Source	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,245	2,387	3,442	2,532	-	-	-	-	-	-	11,606
	Design	-	361	265	382	281	-	-	-	-	-	-	1,290
	Total	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SERVICE CONNECTION EXPANSION**  
 PROFILE: **CM-23-9430**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	13,789
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	13,789
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**PROFILE DESCRIPTION**

Service connection construction is to be provided for developing properties where new service connections are requested. Properties require new or additional water and sewer services to accommodate their development. Mechanical site plans for commercial and multi-family developments are approved for servicing requirements and cost estimates given out. Also, for single family / duplex development walk in requests for servicing and payments over the counter. Work orders are sent out to Design & Construction to schedule and install the servicing requests

**PROFILE BACKGROUND**

Properties require new or additional water and sewer services to accommodate their development. Mechanical site plans for commercial and multi-family developments are approved for servicing requirements and cost estimates given out. Also, single family / duplex development walk in requests for servicing and payments over the counter. Work orders are sent out to Design & Construction to schedule and install the servicing requests.

**PROFILE JUSTIFICATION**

The City is obligated to provide adequate water and sewer service connections to developing properties when a property owner or Developer requests the servicing. The City is obligated to provide adequate water and sewer service connections to developing properties when a developer / property owner requests the servicing. Cost for services are based on a fee schedule or an estimated cost. Once payment is received a work order is sent to Design and Construction to schedule and install the services requested. Construction of services to be completed by Design and Construction within four weeks of receiving work order. Services need to be available to meet developers construction schedules.

**STRATEGIC ALIGNMENT**

This project aligns with "The Way We Grow" and The Way We Live" strategic goals to facilitate the development requests to the City. This initiative will contribute to Improve Edmonton's Livability 10 - year goal by ensuring a safe and clean city

**ALTERNATIVES CONSIDERED**

The City is obligated to provide adequate water and sewer service connections to developing properties when a developer / property owner requests the servicing. This ensures all servicing is constructed as per City's standards and bylaw

**COST BENEFITS****Tangible Benefits**

Ensure all requests for water and sewer services are handled in a consistent manner within City's standards, bylaw, fee schedule and estimates provided.

**Intangible Benefits**

To ensure water and sewer services are constructed within City's standards and bylaw.

**Assumptions**

All water and sewer services are provided within City's standards and bylaw and handled in a consistent manner.

**KEY RISKS & MITIGATING STRATEGY**

The managing and installation of water and sewer servicing requests by Drainage Services ensures the developers / property owner requests for servicing is in compliance with City's standards and bylaw.

**RESOURCES**

This alternative will require operating resources for both Drainage Design & Construction and Drainage Public Services Section to process and install water and sewer services requested by developers / property owner.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Drainage Public Services Section to ensure all water and sewer servicing requests are processed in a timely manner to meet developers / property owner requests.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Service Connection Expansion****FUNDED**PROFILE NUMBER: **CM-23-9430**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789
	Current Approved Budget	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789
	Approved Funding Sources												
	Developer Financing	-	2,868	2,954	3,042	3,133	-	-	-	-	-	-	11,997
	Drainage Retained Earnings	-	171	176	181	187	-	-	-	-	-	-	715
	Self-Liquid. Debent.-Sanitary	-	258	265	273	281	-	-	-	-	-	-	1,077
	Current Approved Funding Sources	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789
	Requested Funding Source												
	Developer Financing	-	2,868	2,954	3,042	3,133	-	-	-	-	-	-	11,997
	Drainage Retained Earnings	-	171	176	181	187	-	-	-	-	-	-	715
	Self-Liquid. Debent.-Sanitary	-	258	265	273	281	-	-	-	-	-	-	1,077
	Requested Funding Source	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,966	3,055	3,147	3,241	-	-	-	-	-	-	12,410
	Design	-	330	339	350	360	-	-	-	-	-	-	1,379
	Total	-	3,296	3,395	3,497	3,602	-	-	-	-	-	-	13,789

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INTERCONNECTION CONTROL PROGRAM**  
 PROFILE: **CM-23-9435**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,155</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,155</b>

**PROFILE DESCRIPTION**

Many of the projects identified under this strategy consist of new sewer capacity to relieve the combined sewer system in areas with interconnections present. Catchbasin re-connection to a storm sewer system is also a common type of project. This will keep water out of the combined sewer where it can create the flooding and overflow issues we are working to prevent. All projects under this program will keep combined sewage from overflowing in to the storm system where it flows directly to the North Saskatchewan River untreated.

**PROFILE BACKGROUND**

In response to a requirement in the 1995 Approval to Operate (No. 95-MUN-117), the City of Edmonton prepared an Interconnection Control Strategy. Through this Strategy, the City embarked on its mitigation and monitoring program in the context of "perpetual monitoring and assessment". An interconnection is designed to allow sanitary or combined sewage to overflow into the storm system, in order to relieve the sewer system under high flow conditions. Since 1998, a program has been in place to minimize the contamination of stormwater with sanitary sewage by monitoring, assessing and eliminating or mitigating all interconnections between the two systems. This will reduce the total loading of contaminants to the North Saskatchewan River.

**PROFILE JUSTIFICATION**

In order to prevent basement flooding, overflow points were designed and built where the sanitary or combined sewer line could overflow into a storm sewer. The storm sewer would flow directly to the North Saskatchewan River. In the '90s as our understanding of our impact to the River increased, the Interconnection control program was initiated. Sites were identified and monitors were installed. In the 1995 approval to operate issued by Alberta Environment, there was a clause to have an interconnection control program; many sites were not in danger of overflowing and were closed. In the early 2000's, rectification studies were carried out for the remainder to identify the infrastructure required to mitigate flood risk. Since the conclusion of those studies, extra capacity has been built in areas with interconnections and other overflow sites have been closed. We have not completed the work identified in the rectification report; work to be done to close the remaining sites.

**STRATEGIC ALIGNMENT**

This program aligns with The Way We Green and Drainage Services' water quality strategy, River for Life. The objective is to prevent pollution from entering our water courses.

**ALTERNATIVES CONSIDERED**

The alternative is to do nothing, leave the system as it is. Overflows will continue to occur and there will be untreated wastewater flowing in to our water courses.

**COST BENEFITS**

Projects identified under this profile consist of catchbasin disconnection and new sewer construction. The goal of this program is to reduce the impact from discharges in to the North Saskatchewan River. There will be the one-time capital construction costs of installing new utility infrastructure and the long term regular maintenance costs associated with sewers.

**KEY RISKS & MITIGATING STRATEGY**

Cost will be a risk with water quality improvement programs and projects. Concept design completed with the rectification studies do not take all conflicts in to consideration.

**RESOURCES**

Construction work will be carried out by Design and Construction and external contractors. Ongoing project management by DDC and Drainage Planning to track project status as well as to track the success of the projects in the context of the strategy

**CONCLUSIONS AND RECOMMENDATIONS**

Work identified in the rectification studies will continue to eliminate the interconnections from the existing inventory. Our creeks and river are important natural resources and this work will reduce the contaminant loading to those water courses.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Interconnection Control Program****FUNDED**PROFILE NUMBER: **CM-23-9435**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	515	530	546	563	-	-	-	-	-	-	2,155
	Current Approved Budget	-	515	530	546	563	-	-	-	-	-	-	2,155
	Approved Funding Sources												
	Drainage Retained Earnings	-	206	212	219	225	-	-	-	-	-	-	862
	Self-Liquid. Debent.-Sanitary	-	309	318	328	338	-	-	-	-	-	-	1,293
	Current Approved Funding Sources	-	515	530	546	563	-	-	-	-	-	-	2,155

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	515	530	546	563	-	-	-	-	-	-	2,155
	Requested Funding Source												
	Drainage Retained Earnings	-	206	212	219	225	-	-	-	-	-	-	862
	Self-Liquid. Debent.-Sanitary	-	309	318	328	338	-	-	-	-	-	-	1,293
	Requested Funding Source	-	515	530	546	563	-	-	-	-	-	-	2,155

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	515	530	546	563	-	-	-	-	-	-	2,155
	Total	-	515	530	546	563	-	-	-	-	-	-	2,155

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REVIEW/INSPECT DEVELOPER BUILT SEWER**  
 PROFILE: **CM-23-9470**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,706</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,706</b>

**PROFILE DESCRIPTION**

This initiative within the Growth and Land Development Subsection of Drainage Planning more specifically involves the review and approval of subdivision engineering drawings, processing of Utility Right-of-Way documents, provides engineering and cost assessment input into the Servicing Agreements being prepared by the Development Coordination Subsection of Sustainable Development, provides site inspections during construction, as-built recording and Construction Completion Certificate (CCC) and Final Acceptance Certificate (FAC) inspections and document reviews. Timelines for engineering drawing reviews are three weeks for a first submission and two weeks for subsequent submission. Timelines for URW documents are two weeks. Timelines for Development Cost Assessments (DCA) for input into the Servicing Agreements are two weeks. Site inspections are ongoing daily inspections during construction and the timelines for review of CCC and FAC applications including inspections are 30 days.

**PROFILE BACKGROUND**

This project provides resources to review and accept the drainage facilities required to service new lots in private developments. The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. Work will be completed as requested during the year or dependent on owner petitions. Private Developers will turn over the drainage facilities to the City as assets upon individual project completion in accordance with the Servicing Agreement.

**PROFILE JUSTIFICATION**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. In support of planned growth, the City is required to review and accept the drainage facilities needed to service new lots. Drainage Services, under the terms of the Servicing Agreement, ensures that applicable obligations and Standards are met prior to the City accepting the drainage facilities for long-term operations and maintenance.

**STRATEGIC ALIGNMENT**

The Way we Grow and The Way we Live

**ALTERNATIVES CONSIDERED**

External resources or in-house staff

**COST BENEFITS**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. Work will be completed as requested during the year or dependent on owner petitions. Private Developers will turn over the drainage facilities to the City as assets upon individual project completion in accordance with the Servicing Agreement.

**KEY RISKS & MITIGATING STRATEGY**

The amount of activity/time charged to this project is driven by the volume of development being brought forward for approval by the development industry.

**RESOURCES**

Resourcing: The current staff resources involved in this initiative are as follows: Design Review, Cost Assessment, Inspection, As-built Recording

**CONCLUSIONS AND RECOMMENDATIONS**

Continue on with the current Review and Approve Developer built Sewers initiative.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Review/inspect developer built sewer****FUNDED**PROFILE NUMBER: **CM-23-9470**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	833	892	956	1,024	-	-	-	-	-	-	3,706
	Current Approved Budget	-	833	892	956	1,024	-	-	-	-	-	-	3,706
	Approved Funding Sources												
	Drainage Retained Earnings	-	333	356	382	410	-	-	-	-	-	-	1,482
	Self-Liquid. Debent.-Sanitary	-	500	536	574	615	-	-	-	-	-	-	2,224
	Current Approved Funding Sources	-	833	892	956	1,024	-	-	-	-	-	-	3,706

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	833	892	956	1,024	-	-	-	-	-	-	3,706
	Requested Funding Source												
	Drainage Retained Earnings	-	333	356	382	410	-	-	-	-	-	-	1,482
	Self-Liquid. Debent.-Sanitary	-	500	536	574	615	-	-	-	-	-	-	2,224
	Requested Funding Source	-	833	892	956	1,024	-	-	-	-	-	-	3,706

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	833	892	956	1,024	-	-	-	-	-	-	3,706
	Total	-	833	892	956	1,024	-	-	-	-	-	-	3,706

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRUCTURES REHABILITATION**  
 PROFILE: **CM-23-9503**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>17,623</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>17,623</b>

**PROFILE DESCRIPTION**

The Structures Rehabilitation Program ensures an acceptable level of service is maintained in various components of drainage infrastructure. Structures such as outfalls, pump stations, drill drop manholes and trunk sewers deteriorate over time. This program involves the investigation, design and rehabilitation of these existing structures. Projects are located throughout the city. Structures requiring repair or rehabilitation are identified and prioritized based on condition ratings and inspections completed by Drainage Operations.

**PROFILE BACKGROUND**

Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt sewer service to homeowners, and can have a negative impact on the environment. Proactive rehabilitation of outfalls, pump stations, drill drop manholes and trunk sewers reduces costly emergency failures. Structures Rehabilitation has been ongoing on for many years and are rehabilitated on a location by location basis, based on condition inspections or problems identified by Drainage Operations.

**PROFILE JUSTIFICATION**

The Structures Rehabilitation Program maintains an acceptable level of service for citizens through the rehabilitation of drainage infrastructure. It protects persons and property from injury and damage due to roadway subsidence, sewer collapse or raw sewerage spill to the river. Timely repairs are needed to maintain the integrity of the infrastructure and to prevent claims against the City for property damage, public health concerns and possible environmental infractions as well as to protect pedestrian and vehicular traffic from potential roadway collapse and flooding damages. Further deterioration of structures could lead to emergency situations requiring immediate attention at a higher cost.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows Drainage Services to continue to provide a high level of service to the residents by reducing the possibility of flooded basements, loss of service or unnecessary spills to the environment.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at higher risk of eventual failure, potentially causing flooding or environmental infractions, as well as more costly emergency repairs.

**COST BENEFITS**

The long term impact of this project on the operating budget will be positive because the overall condition of the infrastructures will be improved. This will lessen the efforts required to operate, and maintain the infrastructure. There will be a reduction in unpredictable emergency repairs required as a result of the proactive rehabilitation.

**KEY RISKS & MITIGATING STRATEGY**

Non-availability of the required funding will result in further deterioration of pump stations, trunk sewers, outfalls and drill drop manholes. This could potentially cause flooding, property damage and other emergency situations.

**RESOURCES**

No new internal resources will be required by these projects. However many of the projects will require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage infrastructure is aging and many assets are past their useful service life. This program was initiated to extend the life of trunk sewers, outfalls, pump stations and drill drop manholes as they age, on a location by location basis.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Structures Rehabilitation****FUNDED**PROFILE NUMBER: **CM-23-9503**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623
	Current Approved Budget	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,427	1,618	1,972	2,032	-	-	-	-	-	-	7,048
	Self-Liquid. Debent.-Sanitary	-	2,140	2,427	2,959	3,048	-	-	-	-	-	-	10,575
	Current Approved Funding Sources	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623
	Requested Funding Source												
	Drainage Retained Earnings	-	1,427	1,618	1,972	2,032	-	-	-	-	-	-	7,048
	Self-Liquid. Debent.-Sanitary	-	2,140	2,427	2,959	3,048	-	-	-	-	-	-	10,575
	Requested Funding Source	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,210	3,641	4,438	4,571	-	-	-	-	-	-	15,861
	Design	-	357	405	493	508	-	-	-	-	-	-	1,762
	Total	-	3,567	4,045	4,931	5,079	-	-	-	-	-	-	17,623

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER REHABILITATION**  
 PROFILE: **CM-23-9504**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,205</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,205</b>

**PROFILE DESCRIPTION**

This initiative is comprised of two sub programs, the Local Sewer Rehabilitation program and the Arterial and Collector Roadway Renewal program. The programs rehabilitate drainage system infrastructure as it ages on a location by location basis. Sewers requiring renewal are determined based on condition ratings, inspections completed by Drainage Operations, and in coordination with arterial or collector roadway reconstruction.

Currently, the renewal is for mainline sewers and includes some manhole's if they are required. Locations are limited to local sewers or sewers in locations of arterial or collector roadway reconstruction work. The drainage renewal work is completed through both relining and open cut. Locations identified as requiring renewal are investigated through CCTV to determine scope of work for each project.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Given the enormous cost of replacement of this infrastructure, proactive renewal needs to occur in the drainage system.

This is a recurring program that has been going on for many years. Currently, two sub programs are ongoing to renew existing infrastructure. Local Sewer Rehabilitation renews local sewers on a location by location basis, depending on condition ratings and issues determined by Drainage Operations. Arterial and Collector Roadways Renewal renews sewers in coordination with locations where arterial or collector reconstruction will be completed.

**PROFILE JUSTIFICATION**

This program maintains existing levels of service for citizens through the upkeep of the sewer infrastructure by rehabilitation and renewal. It protects persons and property from injury and damage due to roadway subsidence or sewer collapse. Timely corrective action prevents further deterioration of sewers which could lead to an emergency situation requiring immediate attention at a higher cost. Sewer rehabilitation in areas of roadway reconstruction provides a timely and cost effective opportunity for sewer rehabilitation and renewal and complies with the City's 3 year no cut policy.

**STRATEGIC ALIGNMENT**

This aligns with the The Way We Live as it reduces the possibility of sewer back-ups due to sewer failure and minimizes disruptions to the public through orderly execution of construction works. It provides a high level of service to residents.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at risk of eventual failure, resulting in costly emergency repairs.

**COST BENEFITS**

The long term impact of this program on the operating budget will be positive because the overall condition of the infrastructures will be improved. This will lessen the efforts required to operate, maintain and repair the aging infrastructure. There will be a reduction in unpredictable emergency repairs required as a result of the renewal. Each sub program within Sewer Rehabilitation requires approx. \$2.4M/year to complete the required renewals.

**KEY RISKS & MITIGATING STRATEGY**

Non-availability of the required funding will result in further deterioration of sewers, leading to more costly and disruptive emergency repairs. It will also lead to the inability to co-ordinate with roadway reconstruction projects.

**RESOURCES**

No new internal resources will be required by this program. However many of the projects will require external resources for both the design and/or construction phases.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Drainage infrastructure is aging and many assets are past their useful service life. This program was initiated to rehabilitate the drainage infrastructure as it ages on a location by location basis, or in coordination with reconstruction projects.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Sewer Rehabilitation****FUNDED**PROFILE NUMBER: **CM-23-9504**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205
	Current Approved Budget	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205
	Approved Funding Sources												
	Drainage Retained Earnings	-	593	611	629	648	-	-	-	-	-	-	2,482
	Self-Liquid. Debent.-Sanitary	-	890	917	944	972	-	-	-	-	-	-	3,723
	Current Approved Funding Sources	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205
	Requested Funding Source												
	Drainage Retained Earnings	-	593	611	629	648	-	-	-	-	-	-	2,482
	Self-Liquid. Debent.-Sanitary	-	890	917	944	972	-	-	-	-	-	-	3,723
	Requested Funding Source	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,335	1,375	1,416	1,459	-	-	-	-	-	-	5,585
	Design	-	148	153	157	162	-	-	-	-	-	-	621
	Total	-	1,483	1,528	1,574	1,621	-	-	-	-	-	-	6,205

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE NEIGHBOURHOOD RENEWAL**  
 PROFILE: **CM-23-9510**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative: Great Neighbourhoods
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>
	100	72,809
		<b>BUDGET REQUEST:</b>
		-
		<b>TOTAL PROFILE BUDGET:</b>
		72,809

**PROFILE DESCRIPTION**

The Drainage Neighbourhood Renewal Program is focused on the renewal and replacement of existing sanitary and storm sewers on a neighbourhood by neighbourhood basis. Neighbourhoods are chosen based on current condition, as well as in coordination with Neighbourhood Renewal roadway reconstruction neighbourhoods. Each neighbourhood takes 3-4 years, year 1 is for CCTV and design, year 2 and 3 are for open cut and relining, and year 4 may be required to complete the relining work. About 70% of the work is completed through relining (trenchless renewal) which requires little disruption to the pavement. The program runs in coordination with Transportation Services' Neighbourhood Renewal Program and the Great Neighbourhoods Capital Program through the Building Great Neighbourhoods Initiative.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Given the enormous cost of replacement of this infrastructure, proactive renewal needs to occur in the drainage system. The Drainage Neighbourhood Renewal Program is an ongoing long term strategy to address the needs of our drainage infrastructure on a systematic neighbourhood by neighbourhood basis. The program is coordinated with Transportation Services Neighbourhood Renewal Program through the Building Great Neighbourhoods Initiative. Underground drainage infrastructure work is completed ahead of roadway surface work for efficiency and to avoid disturbance of new roads (3 year no cut policy).

**PROFILE JUSTIFICATION**

This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with the roadway Neighbourhood Renewal Program undertaken by Transportation Services. Many sewers in the mature areas of Edmonton are past their expected service life and have deteriorated significantly. Due to this, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Sewer rehabilitation in neighbourhoods coordinated with roadway renewal projects avoids disruption to newly reconstructed pavement and minimizes inconvenience to citizens.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows the City to provide a high level of service to the residents by reducing the possibility of sewer failure and by minimizing disruptions through orderly execution of construction works.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at risk of failure. More costly repairs will result from emergency situations and will require more exemptions from the 3 year no cut policy.

**COST BENEFITS**

The program will have a positive impact on the operating budget due to the reduction in unpredictable emergency repairs required as a result of the renewal. There may also be a reduction of maintenance activities for a period of time once the infrastructure is renewed. Each neighbourhood costs on average \$4.5M to complete. These costs include CCTV, design and construction.

**KEY RISKS & MITIGATING STRATEGY**

To comply with the 3 year no-cut policy for newly re-constructed pavement, Drainage Services strives to match the number of neighbourhoods scheduled for reconstruction each year by Transportation, which is on average six neighbourhoods per year.

**RESOURCES**

No new internal resources will be required by this program. However many of the neighbourhood projects require external resources for possibly both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

This program renews and replaces aging sewer infrastructure on a neighbourhood by neighbourhood basis, in coordination with Transportation Services' Neighbourhood Renewal Program. It is recommended to continue approving funds for this program.

**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

15-41: Transfer funding to offset between cash and debt in 6200 Drainage IT Assets

PROFILE NAME: **Drainage Neighbourhood Renewal****FUNDED**PROFILE NUMBER: **CM-23-9510**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809
	Current Approved Budget	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809
	Approved Funding Sources												
	Drainage Retained Earnings	-	6,850	7,815	7,552	6,021	-	-	-	-	-	-	28,237
	Self-Liquid. Debent.-Sanitary	-	12,488	11,722	11,328	9,033	-	-	-	-	-	-	44,571
	Current Approved Funding Sources	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809
	Requested Funding Source												
	Drainage Retained Earnings	-	6,850	7,815	7,552	6,021	-	-	-	-	-	-	28,237
	Self-Liquid. Debent.-Sanitary	-	12,488	11,722	11,328	9,033	-	-	-	-	-	-	44,571
	Requested Funding Source	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	16,583	12,188	12,560	11,675	-	-	-	-	-	-	53,007
	Design	-	2,754	7,348	6,320	3,380	-	-	-	-	-	-	19,802
	Total	-	19,337	19,536	18,880	15,055	-	-	-	-	-	-	72,809

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD FLOOD PREVENTION**  
 PROFILE: **CM-23-9511**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>21,826</b>
<b>41</b>	<b>59</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>21,826</b>

**PROFILE DESCRIPTION**

This program installs flood prevention measures including stormwater management ponds and diversion sewers to protect the city from future flood events. The Neighbourhood Flood Prevention Projects (9511) was developed in response to the heavy rains which caused flooding and sewer back-ups in more than 4,000 homes in 2004. This program installs flood prevention works to the City's sewer system. The program includes the design and construction of the various flood prevention works, including stormwater management ponds and diversion sewers.

**PROFILE BACKGROUND**

In response to flooding, a Flood Prevention Program was developed for 31 at-risk neighbourhoods following an extensive engineering studies. The resulting Flood Prevention Program was presented to Council in April 2006. A \$146 million capital investment program was outlined to increase the level of service in these neighbourhoods. Since the inception of the program, flood prevention works in 13 neighbourhoods have been constructed with the remaining 18 planned or under way. In addition to the above projects, a stormwater management wet pond project in Hurstwood Estates subdivision in Maple Ridge industrial area has been added to this program. This subdivision is partially developed without a stormwater management facility. The Maple Ridge Area Master Plan (AMP), undertaken by Drainage Services in 2009, identified a need for a stormwater management facility for the purpose of flood protection and water quality improvement in the area.

**PROFILE JUSTIFICATION**

Council direction to extend the flood prevention program to ensure an acceptable level of services is provided to Edmonton neighbourhoods. This program is to meet the City Council's direction for flood prevention. Implementation of the extended flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers. These neighbourhoods experienced moderate to extensive surface flooding and sanitary backups, and significant public and private property damage during intense rainfall events. This program will provide an improved level of flood protection for neighbourhoods. The purpose of these improvements are to reduce the risk of flooding from storm sewers (surface flooding) and sanitary sewers (sanitary backups) up to a 100 year level of flood protection.

**STRATEGIC ALIGNMENT**

The Way we Finance, The Way we Live, The Way we Green

**ALTERNATIVES CONSIDERED**

Large storage tunnel or Underground storage tank

**COST BENEFITS**

It will ensure that an acceptable level of service is provided to Drainage Services customers, and the City's resources are spent in an effective manner and optimized for flood protection purpose. The implementation of this program will continue to strengthen the City's role as a leading watershed steward when it comes to flood control, improving water quality, and environmental health of the watershed.

**KEY RISKS & MITIGATING STRATEGY**

The key risks and constraints of not proceeding with the study are:

- Neighbourhoods will be at- risk of flooding during similar storm events;
- The City will not fulfill the promise to address flooding in at- risk neighbourhoods

**RESOURCES**

External engineering consultants and contractors will be required for engineering and construction of the facilities. To build a successful long-term flood prevention program, there is a need for FTEs to handle the program.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that the flood prevention works in this program be funded as they will provide flood protection against future severe rain events



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood Flood Prevention****FUNDED**PROFILE NUMBER: **CM-23-9511**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826
	Current Approved Budget	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,795	2,577	1,944	1,759	-	-	-	-	-	-	8,075
	Self-Liquid. Debent.-Sanitary	-	3,055	4,389	3,310	2,996	-	-	-	-	-	-	13,750
	Current Approved Funding Sources	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826
	Requested Funding Source												
	Drainage Retained Earnings	-	1,795	2,577	1,944	1,759	-	-	-	-	-	-	8,075
	Self-Liquid. Debent.-Sanitary	-	3,055	4,389	3,310	2,996	-	-	-	-	-	-	13,750
	Requested Funding Source	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,888	530	3,272	3,655	-	-	-	-	-	-	11,346
	Design	-	963	5,905	1,517	1,100	-	-	-	-	-	-	9,485
	Land	-	-	530	464	-	-	-	-	-	-	-	995
	Total	-	4,851	6,966	5,254	4,755	-	-	-	-	-	-	21,826

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SERVICE CONNECTION RENEWAL**  
 PROFILE: **CM-23-9512**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,252</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,252</b>

**PROFILE DESCRIPTION**

The Service Connection Renewal Program will be focused on the renewal and replacement of service connection laterals. The primary objective of this program is to maintain an acceptable level of service and to minimize the number of high cost reactive replacements by proactively identifying problematic locations and attending to them before they become emergency issues. The program could eventually be coordinated with the Drainage Neighbourhood Renewal Program or other programs to maximize efficiencies.

**PROFILE BACKGROUND**

The City of Edmonton operates and maintains over 350,000 service connections. Due to aging and deteriorating infrastructure, Drainage Services receives an average of 10,000 service calls each year related to service connection issues. These calls are to report backups due to collapsed services, root intrusions, or other structural related problems. These issues result in a high frequency of reactive maintenance and an average of 260 service replacements each year. A Service Connection Renewal Program would minimize the number of high cost reactive replacements by proactively identifying problems and addressing them before they become an emergency replacement. In the City of Edmonton, private property owners are responsible for their service connection from the home to the property line. The City is then responsible for the portion from the property line to the connection at the mainline sewer.

**PROFILE JUSTIFICATION**

Many service connections in the mature neighbourhoods of the city are deteriorating, which results in over 10,000 annual service calls to Drainage Services. A long term sustainable Service Connection Renewal Program would be focused on the renewal and replacement of service connection laterals. This program would provide continuous service for residents through the upkeep of the service lateral infrastructure as well as protect persons and property from injury and damage due to service lateral collapse. Timely corrective action prevents further deterioration of services which could lead to an emergency situation requiring immediate attention at a higher cost. Rehabilitation is needed to maintain the integrity of the services to prevent the claims against the City for property damage, public health concerns and possible environmental infractions.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" because it allows Drainage Services to continue to provide a high level of service to the residents by reducing the possibility of sewer back-ups due to service sewer blockages.

**ALTERNATIVES CONSIDERED**

One alternative to this program is to do nothing. If nothing proactive is done, service connections will continue to deteriorate and will be at risk of eventual failure. More costly repairs will result from the emergency situations.

**COST BENEFITS**

The program will have a positive impact on the operating budget due to the reduction in unpredictable emergency repairs required. There will be a reduction of maintenance activities for a period of time once the infrastructure is renewed.

**KEY RISKS & MITIGATING STRATEGY**

The program could be limited by requiring access into private properties to access cleanouts to complete the work. Contractors with the ability to reline from the mainline are being looked at as part of the strategy development.

**RESOURCES**

No new internal resources required by this program at this stage, however some new FTE's may be required once the full program is established. External resources will be required for both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Due to aging and deterioration of service laterals, the City may be vulnerable to unexpected failures that disrupt sewer service to homeowners. This long term sustainable program would systematically renew and replace aging service connections.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Service Connection Renewal****FUNDED**PROFILE NUMBER: **CM-23-9512**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	170	350	360	372	-	-	-	-	-	-	1,252
	Current Approved Budget	-	170	350	360	372	-	-	-	-	-	-	1,252
	Approved Funding Sources												
	Drainage Retained Earnings	-	68	140	144	149	-	-	-	-	-	-	501
	Self-Liquid. Debent.-Sanitary	-	102	210	216	223	-	-	-	-	-	-	751
	Current Approved Funding Sources	-	170	350	360	372	-	-	-	-	-	-	1,252

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	170	350	360	372	-	-	-	-	-	-	1,252
	Requested Funding Source												
	Drainage Retained Earnings	-	68	140	144	149	-	-	-	-	-	-	501
	Self-Liquid. Debent.-Sanitary	-	102	210	216	223	-	-	-	-	-	-	751
	Requested Funding Source	-	170	350	360	372	-	-	-	-	-	-	1,252

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	102	210	216	223	-	-	-	-	-	-	751
	Design	-	68	140	144	149	-	-	-	-	-	-	501
	Total	-	170	350	360	372	-	-	-	-	-	-	1,252

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGH PRIORITY REPAIR**  
 PROFILE: **CM-23-9520**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>29,733</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>29,733</b>

**PROFILE DESCRIPTION**

This program addresses high priority emergency repairs from Drainage Operations. Emergencies are identified through 311 calls of blockages, flooding, etc. which are then investigated by Drainage Operations. Repairs include sewer laterals (service connections), CB leads, sewers, pumpstations, outfalls, manholes and other drainage infrastructure assets. This initiative is to ensure timely repair of emergency drainage infrastructure situations. These are repairs that need to be undertaken immediately to restore service or to rectify safety and/or environmental issues.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers and over 350,000 sanitary service connections. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. These failures lead to emergency repairs that are required immediately to restore service to residents of Edmonton.

Each year, emergency situations arise within the drainage infrastructure. This can range from sewer collapse, service connection collapse, outfall safety issues, pumpstation breakdowns, etc. These need to be dealt with on a timely basis in order to restore service to residents, or to rectify urgent safety or environmental concerns.

**PROFILE JUSTIFICATION**

These repairs are emergencies and must be completed to continue to provide service to residents. They may also include emergency repairs due to safety or environmental concerns.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows the City to provide a high level of service to the residents by restoring service in a timely fashion, and by eliminating safety and environmental concerns as quickly as possible.

**ALTERNATIVES CONSIDERED**

As these are emergency situations, alternatives are explored on site just prior to the repair being completed.

**COST BENEFITS**

This program requires funds to carry out emergency repairs to the sewer system. Most of the emergency repairs are undertaken using the open-cut repair method. Since open-cut construction methods generally have higher costs than trenchless rehabilitation methods, the high percentage of open-cut repairs in emergency repairs will result in higher cost for the program. To continue emergency repairs, the program requires approximately \$11.5M per year.

**KEY RISKS & MITIGATING STRATEGY**

Funding is required since failing to respond to emergency repairs is a risk. It could cause flooded basements, collapsed roadways, blocked outfalls, etc.

**RESOURCES**

No new internal resources will be required by this program. However some of the projects may require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage infrastructure is aging and many assets are past their useful service life. Emergency repairs are needed to restore service after a failure, or to rectify safety or environmental concerns.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **High Priority Repair****FUNDED**PROFILE NUMBER: **CM-23-9520**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733
	Current Approved Budget	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733
	Approved Funding Sources												
	Drainage Retained Earnings	-	2,843	2,928	3,016	3,106	-	-	-	-	-	-	11,893
	Self-Liquid. Debent.-Sanitary	-	4,264	4,392	4,524	4,660	-	-	-	-	-	-	17,840
	Current Approved Funding Sources	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733
	Requested Funding Source												
	Drainage Retained Earnings	-	2,843	2,928	3,016	3,106	-	-	-	-	-	-	11,893
	Self-Liquid. Debent.-Sanitary	-	4,264	4,392	4,524	4,660	-	-	-	-	-	-	17,840
	Requested Funding Source	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733
	Total	-	7,107	7,320	7,540	7,766	-	-	-	-	-	-	29,733

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EXPANDED NEIGHBOURHOOD FLOOD MITIGATION**  
 PROFILE: **CM-23-9611**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>15,022</b>
50	50	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>15,022</b>

**PROFILE DESCRIPTION**

Program developed to address flooding issues in south Edmonton, upgrading of storm and sanitary pipes and SWMF ponds, new storage sewers and sealing of manholes improving overland drainage routes. The Expanded Neighbourhood Flood Mitigation Program was developed in response to the heavy rains which caused flooding and sewer back-ups in Mill Woods, Southwest Edmonton and Millbourne in 2012. To reduce the risk of future flooding in these areas, a number of improvement projects including upgrading existing storm and sanitary sewer pipes and stormwater management ponds, building new storage sewers, sealing a number of manholes in trapped low areas, improving overland drainage routes, and constructing new stormwater management dry ponds are proposed.

**PROFILE BACKGROUND**

Heavy rains caused flooding and sewer backup in more than 1,200 homes city-wide. Neighbourhoods in Mill Woods and southwest Edmonton were heavily impacted. Many of these neighbourhoods also experienced severe flooding in 2004. Since 2006, a number of projects have been completed in southwest Edmonton and Mill Woods to reduce the risk of flooding. However, these neighbourhoods are still at risk of flooding. Some of the neighbourhoods do not have defined major drainage systems as they were constructed prior to the implementation of the dual storm drainage system requirement for both major (surface) and minor (piped) drainage system, which was introduced in the late 1980's. In addition, the sanitary systems have limited capacities.

**PROFILE JUSTIFICATION**

Council directed flood prevention to protect citizens and property from further flood events. This program is to meet the City Council's direction for flood prevention. Implementation of the extended flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers.

**STRATEGIC ALIGNMENT**

This program is consistent with and complements the City's overall goals for environmental protection as articulated in The Way Ahead, and contributes to The Way we Live, The Way we Green, The Way we Finance

**ALTERNATIVES CONSIDERED**

Large storage tunnel or underground storage tank

**COST BENEFITS**

The drainage improvements will benefit 24 neighbourhoods. It will also ensure that an acceptable level of service is provided to Drainage Services customers, and the City's resources are spent in an effective manner and optimized for flood protection purpose.

**KEY RISKS & MITIGATING STRATEGY**

- Neighbourhoods will be at- risk of flooding during similar storm events;
- The City will not fulfill the promise to address flooding in at- risk neighbourhoods

**RESOURCES**

External engineering consultants and contractors will be required for engineering and construction of the facilities. Administration will assess and look at developing in-house construction team.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that the flood prevention works in this program be funded as they will provide flood protection against future severe rain events.

**CHANGES TO APPROVED PROFILE**

15-41: Transfer funding to offset between cash and debt in 6130 Drainage Construction & Equipment

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Expanded Neighbourhood Flood Mitigation****FUNDED**PROFILE NUMBER: **CM-23-9611**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022
	2015 Cap Release to Corp Pool	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022
	Approved Funding Sources												
	Drainage Retained Earnings	-	478	1,244	1,384	1,883	-	-	-	-	-	-	4,989
	Self-Liquid. Debent.-Sanitary	-	2,350	2,119	2,358	3,205	-	-	-	-	-	-	10,033
	Current Approved Funding Sources	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022
	Requested Funding Source												
	Drainage Retained Earnings	-	478	1,244	1,384	1,883	-	-	-	-	-	-	4,989
	Self-Liquid. Debent.-Sanitary	-	2,350	2,119	2,358	3,205	-	-	-	-	-	-	10,033
	Requested Funding Source	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,828	3,269	2,983	4,272	-	-	-	-	-	-	13,352
	Design	-	-	94	759	817	-	-	-	-	-	-	1,670
	Total	-	2,828	3,363	3,743	5,088	-	-	-	-	-	-	15,022

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIRONMENTAL & COLLECTION SYSTEM MONITORING****FUNDED**PROFILE **CM-23-9620**PROFILE STAGE: **Post Budget Approval**DEPARTMENT: **Financial Services & Utilities - Utilities**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**PROFILE MANAGER: **Chris Ward**

PROGRAM NAME:

LEAD BRANCH MANAGER:

LEAD BRANCH:

ESTIMATED START: **January, 2015**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2018**Service Category: **Utilities**

Major Initiative:

**GROWTH****RENEWAL****55****45**

PREVIOUSLY APPROVED:

**850**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**850****PROFILE DESCRIPTION**

Purchase of equipment and infrastructure to support sewer flow, level, water quality and rainfall monitoring including new technology and replacement of equipment as needed. Maintenance, repair, and life cycle replacement of existing equipment  
 Incorporation of new monitoring technology  
 Design and Construction charges for new monitoring infrastructure  
 Out of Scope: software (database), labour, communication charges (phone)

**PROFILE BACKGROUND**

Edmonton is a growing, developing city yet also with aging sewer infrastructure. There are numerous projects both ongoing and forthcoming related to this, necessitating informed and more accurate and cost-effective decisions and designs regarding Edmonton's sewerage infrastructure design and rehabilitation. Stringency of Federal and Provincial mandated environmental reporting and ISO14001 continuous improvement are also creating an increasing demand and need for data and better quality data. The current monitoring program is limited by existing, old technology and unable to meet demand without efficiencies created by capital improvements or, alternatively, increased staffing, and much equipment is due for replacement. This capital budget is also essential for current operation of the System Monitoring group's mandate.

**PROFILE JUSTIFICATION**

Improved efficiencies created by capital improvements to the monitoring network will allow for increased capacity to meet growing demand and better data quality. More frequent, automated collection allows for quicker detection and repair of problems, and quicker supply of higher quality data to stakeholders. New methods of monitoring such as rainfall radar will better address flooding assessments and modelling, and in a more timely manner. Stringency of Federal and Provincial mandated environmental reporting and ISO14001 continuous improvement are also creating an increasing demand and need for data and better quality data. The current monitoring program is limited by existing, old technology and unable to meet demand without efficiencies created by capital improvements or, alternatively, increased staffing, and much equipment is due for replacement. This capital budget is essential for current operation of the System Monitoring group's mandate.

**STRATEGIC ALIGNMENT**

The Way we Green, The Way we Grow and the Way we Finance

**ALTERNATIVES CONSIDERED**

Internal labour crews or external contractors

**COST BENEFITS**

operation of the monitoring program  
 better quality and availability of data on sewerage system  
 ability to meet regulatory reporting requirements

**KEY RISKS & MITIGATING STRATEGY**

Risks are associated with maintaining the status quo: inability to meet growing demand for monitoring locations and data quality, need to increase staffing levels, less accuracy and cost-effectiveness in supported projects

**RESOURCES**

Purchasing will be done within the standards set out by Materials Management. Design and Construction follow standards regarding hiring contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

Benefits are improved cost-effectiveness and function of these sewerage system improvements, which has potentially very high return on this investment, and ability to maintain staffing at current level and improve their safety.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Environmental & Collection System Monitoring****FUNDED**PROFILE NUMBER: **CM-23-9620**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	219	225	200	206	-	-	-	-	-	-	850
	Current Approved Budget	-	219	225	200	206	-	-	-	-	-	-	850
	Approved Funding Sources												
	Drainage Retained Earnings	-	88	90	80	82	-	-	-	-	-	-	339
	Self-Liquid. Debent.-Sanitary	-	131	135	120	124	-	-	-	-	-	-	511
	Current Approved Funding Sources	-	219	225	200	206	-	-	-	-	-	-	850

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	219	225	200	206	-	-	-	-	-	-	850
	Requested Funding Source												
	Drainage Retained Earnings	-	88	90	80	82	-	-	-	-	-	-	339
	Self-Liquid. Debent.-Sanitary	-	131	135	120	124	-	-	-	-	-	-	511
	Requested Funding Source	-	219	225	200	206	-	-	-	-	-	-	850

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	50	51	45	47	-	-	-	-	-	-	192
	Design	-	6	6	5	5	-	-	-	-	-	-	22
	Equip FurnFixt	-	164	168	150	154	-	-	-	-	-	-	635
	Total	-	219	225	200	206	-	-	-	-	-	-	850

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BIOSOLIDS FACILITIES RENEWAL**  
 PROFILE: **CM-23-9623**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,735</b>
<b>17</b>	<b>83</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,735</b>

**PROFILE DESCRIPTION**

1-installing two more eNoses at the lagoons, this project is to increase locations to measure and monitor the odours that are generated in the Waste Management Services and lagoons. The scope of the work is to install 2 more eNoses at the Clover Bar Lagoons. Drainage Services is proposing to install the two extra eNoses in 2015 and 2016 with a total estimated cost of \$100,000. Waste Management Services through Odotech will install and monitor the work. 2-removing the existing fence and installing a new one around the Bremner lagoons. 3-renew the current assets at the Clover Bar lagoons. 4-Geotextile dewatering bags are used for large scale dewatering of biosolids. This is a low tech, low cost alternative to using mechanical dewatering using geo-textile to filter the liquid from solids at the Clover Bar lagoons. The potential use of geobags for biosolids dewatering will be assessed in a pilot study and economical analysis.

**PROFILE BACKGROUND**

The Clover Bar and Bremner lagoons are facilities meant to manage biosolids. This business case contains 4 projects that will support the ongoing biosolids management program. 1-The Enoses will help manage odour issues at the Clover Bar lagoons. 2- The fence renewal at Bremner will increase site security. 3- The Clover Bar rehabilitation will ensure the storage lagoon remains a usable asset. 4- The geotextiles dewatering project will address the large historical solids inventory. The 4 projects total an estimated \$11,150,000.

**PROFILE JUSTIFICATION**

1-Due to the large number of odour complaints Odotech Inc. was retained. The OdoWatch continuous odour measurement and monitoring system uses strategically located eNoses enabling designated City staff to quantify and monitor odour emissions from the facilities at the Waste Management Centre. 2-Repeated incidents with the current fencing has led Drainage Services to propose replacing the existing fence with a more durable type to improve site security. 3- There are existing assets in the lagoons such as; pipelines, valves, chambers, decant structures and etc. that need to be renewed in order to function more efficiently. 4- this project has the potential to significantly remove the solids content in cell #5. The geobags has been extensively used for wastewater treatment for dewatering purposes. This is a low tech, low cost alternative to using mechanical dewatering using geo-textile to filter the liquid from solids at the Clover Bar lagoons.

**STRATEGIC ALIGNMENT**

The Way Ahead and The Way we Green

**ALTERNATIVES CONSIDERED**

Do nothing, ongoing repair, asset replacement

**COST BENEFITS**

1. The estimated cost is \$100,000 for the range of two years window 2015 and 2016. 2- The estimated cost is \$550,000 for the 2016. 3-The estimated cost is \$2,000,000 over two years 2015 and 2016. 4-The status quo costs nothing, but will not reduce cell #5 inventory. Alternative 1-is estimated at \$8,500,000 over a 3 year period, including \$1M for cell #1 preparations. Alternative 2-Third party Alternative 3- Using existing dewatering,

**KEY RISKS & MITIGATING STRATEGY**

1-Locating the eNoses correctly on site is critical to the success of the project. 2-No risks identified. 3-erosion of the berms due to excavating and work around the lagoons. 4- bench scale and field testing of the geotextile concept.

**RESOURCES**

1-The funds should be from the sanitary budget. 2-The funds should be from the sanitary budget. 3-The funds should be from the sanitary budget. 4-The funds would come from existing biosolids program or require additional resources

**CONCLUSIONS AND RECOMMENDATIONS**

1-2 more eNoses at the Clover Bar Lagoons. 2-to remove the existing fence and install a one to enhance the safety at the Bremner Lagoons. 3 - to replace/rehabilitate the existing assets 4-proceeding on the basis that the testing confirms viability.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Biosolids Facilities Renewal****FUNDED**PROFILE NUMBER: **CM-23-9623**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,050	2,695	2,120	1,171	-	-	-	-	-	-	8,035
	2015 Cap Council	-	-300	-	-	-	-	-	-	-	-	-	-300
	Current Approved Budget	-	1,750	2,695	2,120	1,171	-	-	-	-	-	-	7,735
	Approved Funding Sources												
	Drainage Retained Earnings	-	520	1,078	848	468	-	-	-	-	-	-	2,914
	Self-Liquid. Debent.-Sanitary	-	1,230	1,617	1,272	702	-	-	-	-	-	-	4,821
	Current Approved Funding Sources	-	1,750	2,695	2,120	1,171	-	-	-	-	-	-	7,735

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,750	2,695	2,120	1,171	-	-	-	-	-	-	7,735
	Requested Funding Source												
	Drainage Retained Earnings	-	520	1,078	848	468	-	-	-	-	-	-	2,914
	Self-Liquid. Debent.-Sanitary	-	1,230	1,617	1,272	702	-	-	-	-	-	-	4,821
	Requested Funding Source	-	1,750	2,695	2,120	1,171	-	-	-	-	-	-	7,735

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	720	1,623	1,081	1,171	-	-	-	-	-	-	4,594
	Design	-	1,030	1,072	1,039	-	-	-	-	-	-	-	3,141
	Total	-	1,750	2,695	2,120	1,171	-	-	-	-	-	-	7,735

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CITY-WIDE ODOUR CONTROL PROGRAM**  
 PROFILE: **CM-23-9630**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	6,014
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	6,014

**PROFILE DESCRIPTION**

This project focuses on remedial work within existing drainage infrastructure to mitigate sewer odours, or in some cases on building new odour control facilities when other options are not possible. Projects are located throughout the city. Locations are identified and prioritized based on complaint calls, inspections and monitoring completed by Drainage Operations. Initially, complaints are investigated by Drainage Operations. If odours can be corrected by maintenance such as flushing, they can often reduce the problem. If the problem is systematic in nature and requires engineered solutions, Drainage Design and Construction will analyze the causes, propose solutions and put the area on a priority list. Most cases will require consulting with the community or residents to arrive at acceptable solutions.

**PROFILE BACKGROUND**

Sewer odours from the existing drainage system can escape through maholes or catchbasins, particularly during dry weather. Naturally occurring bacteria feed on the contents of sanitary sewers, and if enough oxygen is not provided for this bacteria in the sewers, the result may be the production of odourous gases. The older central area of the city was designed with combined sewers so there are many openings to the streets. These openings provide many passages for air movement from sewers to ground level. Edmonton's sewage system also has several hundred drop shafts ranging in drop heights of 6 to 40 metres that can be a source of odour problems. By the action of falling liquid, the drop shafts push large volumes of air into the deep tunnel system and can be released at street level catch basins in the combined sewer areas or from manhole lids. Sewer odours can lower the level of service provided to residents and there are many complaint calls made to the City regarding odours.

**PROFILE JUSTIFICATION**

The City receives many complaint calls regarding sewer odours throughout the year as resident expectations are to have no sewer odours noticeable in their communities. The City Wide Odour Control program helps the City to provide a high level of service for residents through the mitigation of these sewer odours. This will help improve the public perception of Drainage Services. It will also increase the level of service provided to residents and will reduce the number of complaint calls to Drainage Operations. Operating costs should be reduced with less complaint calls to respond to.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" strategic goal because it allows Drainage Services to continue to provide a high level of service to the residents by ensuring safe and clean environment of the City.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. Odours will continue to bother residents and complaint calls to Drainage Op. will continue to increase. Public perception of Drainage Services will be negative and will result in a low level of service to residents.

**COST BENEFITS**

New odour control facilities may be built to reduce odours and will be operational for many years. Noticeable sewer odours around the city will be reduced or eliminated. The projected capital costs for these projects is approximately \$1M per year.

**KEY RISKS & MITIGATING STRATEGY**

The risk of not completing these mitigation projects is a lower level of service to residents and a poor public perception of Drainage Services.

**RESOURCES**

No new internal resources will be required by this program. However many of the projects will require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended to continue funding this program in order to provide a high level of service to residents. The program helps improve the perception of Drainage Services and will reduce the number of complaint calls to Drainage Operations.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **City-Wide Odour Control Program****FUNDED**PROFILE NUMBER: **CM-23-9630**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014
	Current Approved Budget	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014
	Approved Funding Sources												
	Drainage Retained Earnings	-	618	637	656	495	-	-	-	-	-	-	2,405
	Self-Liquid. Debent.-Sanitary	-	927	955	983	743	-	-	-	-	-	-	3,608
	Current Approved Funding Sources	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014
	Requested Funding Source												
	Drainage Retained Earnings	-	618	637	656	495	-	-	-	-	-	-	2,405
	Self-Liquid. Debent.-Sanitary	-	927	955	983	743	-	-	-	-	-	-	3,608
	Requested Funding Source	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,391	1,432	1,475	1,114	-	-	-	-	-	-	5,412
	Design	-	155	159	164	124	-	-	-	-	-	-	601
	Total	-	1,545	1,591	1,639	1,238	-	-	-	-	-	-	6,014

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RIVER FOR LIFE**  
 PROFILE: **CM-23-9640**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>228</b>
50	50	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>228</b>

**PROFILE DESCRIPTION**

This strategy will lay the groundwork for water quality improvement projects on the 30-year horizon. Led by Drainage Services, a strategic framework was created followed by implementation plans. The implementation plans includes four processes and five programs that lay the groundwork for how River for Life will be implemented after the strategy is completed. In 2014, an adaptive management process, triple bottom line process, and funding strategy will be developed in order to ensure that the strategy is sustainable in the long term. Projects that may develop out of this strategy include grey infrastructure and green infrastructure as well as upgrades to the Gold Bar wastewater treatment plant. City operations may also be analyzed for any possible water quality improvement. Partnerships with other organizations that share the same goals as River for Life strategy will also be developed and reinforced to broaden the target audience.

**PROFILE BACKGROUND**

River for Life is the City's 30-year water quality strategy to reduce pollutant discharge in the wastewater, stormwater and combined sewer systems. A focus of the last approval to operate issued by Alberta Environment and Sustainable Resource Development was on long term pollution reduction strategies. The next operating approval will be issued in 2015. As with the last approval, pollutant loading and continuous improvement will be a theme throughout. As we are transitioning to a maximum allowable load (MAL) regulatory regime, the City can be expected to move forward on a 'maintain or improve' philosophy as it relates to our discharges. If work does not proceed on the River for Life strategy, and no improvements made, we could expect more pressure from the regulator to improve on our discharges when the MAL regulations come out, there will be a larger gap to close between where the City will be and where the City has to go.

**PROFILE JUSTIFICATION**

River for Life is the City's 30-year water quality strategy to reduce pollutant discharge in the wastewater, stormwater and combined sewer systems, pollutant loading and continuous improvement will be a theme throughout. As we are transitioning to a maximum allowable load (MAL) regulatory regime, the City can be expected to move forward on a 'maintain or improve' philosophy as it relates to discharges. If work does not proceed on the River for Life strategy, and no improvements made, we could expect pressure from the regulator to improve on our discharges when the MAL regulation come out. River for Life is also a strategy that demonstrates the City of Edmonton is an environmental leader when it comes to one of our City's greatest resources, the North Saskatchewan River. Long term measures that will show the results of projects built include our volume of CSO discharged as well as the contaminant loading to the river.

**STRATEGIC ALIGNMENT**

The River for Life strategy is an implementation plan under The Way We Green and maintains that Edmonton is an environmental leader on the world stage.

**ALTERNATIVES CONSIDERED**

This project covers all of the water quality improvement projects. By covering the entire spectrum of projects, the only alternative to this profile will be the do nothing alternative. With regulatory requirements, this will not be an option.

**COST BENEFITS**

The goal of the River for Life strategy will be to reduce the impact from discharges in to the North Saskatchewan River. The river is a very important natural resource for the City, Province, and Country. Projects that will be identified through the strategy will have the potential to positively impact a number of other city strategies.

**KEY RISKS & MITIGATING STRATEGY**

Cost will be a risk with water quality improvement programs and projects. Mitigating factors would be to get the projects in the budget early and to educate decision makers on the strategy.

**RESOURCES**

Construction work will most likely be conducted by contractors. There will be an ongoing project management role by Drainage Planning to track project status as well as to track the success of the projects in the context of the strategy.

**CONCLUSIONS AND RECOMMENDATIONS**

Projects that will be identified have the potential to positively impact a number of other city strategies. Green infrastructure can help provide habitat and increase biodiversity as well as reduce the heat island effect caused by cities.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **River for Life****FUNDED**PROFILE NUMBER: **CM-23-9640**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	87	141	-	-	-	-	-	-	228
	Current Approved Budget	-	-	-	87	141	-	-	-	-	-	-	228
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	-	35	56	-	-	-	-	-	-	91
	Self-Liquid. Debent.-Sanitary	-	-	-	52	84	-	-	-	-	-	-	137
	Current Approved Funding Sources	-	-	-	87	141	-	-	-	-	-	-	228

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	87	141	-	-	-	-	-	-	228
	Requested Funding Source												
	Drainage Retained Earnings	-	-	-	35	56	-	-	-	-	-	-	91
	Self-Liquid. Debent.-Sanitary	-	-	-	52	84	-	-	-	-	-	-	137
	Requested Funding Source	-	-	-	87	141	-	-	-	-	-	-	228

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	79	127	-	-	-	-	-	-	205
	Design	-	-	-	9	14	-	-	-	-	-	-	23
	Total	-	-	-	87	141	-	-	-	-	-	-	228

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMBINED SEWER OVERFLOW CONTROL**  
 PROFILE: **CM-23-9702**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2016**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,166</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,166</b>

**PROFILE DESCRIPTION**

The City is responsible for developing and implementing a plan to control combined sewer overflows (CSOs), as outlined in the City's Approval-to-Operate. CSO Control Projects are part of the CSO Control Strategy for long term control measures to reduce CSOs to the river. These projects involve modification of existing CSO control structures to retain more flows in the combined sewers, reducing both frequency and volume of CSOs and more wet weather combined flows will be transferred to the treatment plant. The performance objectives of the overall CSO Control Strategy are to increase average annual capture and treatment of wet weather flows from 56% to 86% and decrease average annual occurrences of CSOs from 89% to 46%. Modifications at 2 CSO sites have been completed and 6 CSO sites are expected to be completed in 2014. The Mill Creek CSO site will be under construction in 2015. The Rat Creek CSO site weir modification will be completed once the W12 and RTC #3 gates are in operation.

**PROFILE BACKGROUND**

The City has an area of approximately 4,270 ha serviced by the combined sewer system and consists of about 930 km of sewers. This combined area covers about 43 neighbourhoods that are serviced in varying degrees by the combined sewer system. Edmonton's combined sewer system overflows through 18 CSO sites which were identified to be one of the sources of bacteria that cause in-stream river levels to exceed water quality criteria for primary contact recreation.

The Combined Sewer Overflow Control Projects program is one of the major components of the Combined Sewer Overflow (CSO) Control Strategy to improve the water quality in the river by reducing and controlling the release of untreated wastewater from combined sewer overflows. The CSO Control Strategy involves projects that will provide optimization of the existing sewerage system, storage and treatment of wet weather flows, opportunistic sewer system separation, weir modification and increased system conveyance capacity.

**PROFILE JUSTIFICATION**

Alberta Ministry of Environment and Sustainable Resource Development expect the City of Edmonton to develop and implement a plan to control combined sewer overflows, as outlined in the City's Approval-to-Operate (No. 639-02-07) under the Environmental Protection and Enhancement Act. Combined Sewer Overflow Control Projects are part of the CSO Control Strategy for long term control measures to reduce combined sewer overflows to the North Saskatchewan River. CSO site modifications are very cost effective as compared to total separation of the combined sewer system.

**STRATEGIC ALIGNMENT**

The implementation of Combined Sewer Overflow Control Projects aligns with "The Way We Green" as they reduce CSO's to the river and reduce the impact of the drainage system operation on the environment.

**ALTERNATIVES CONSIDERED**

One alternative is total separation of the combined system. Complete separation of the City of Edmonton's combined system is very costly (~ \$2 – \$3 billion) and will result in unacceptable level of public disruption.

**COST BENEFITS**

This initiative reduces the volume and frequency of untreated CSOs to the North Saskatchewan River (NSR) and protects water quality. It helps to fulfill the regulatory requirements that the City is expected to develop and implement a plan to control combined sewer overflows, as outlined in the City's Approval-to-Operate (No. 639-02-07) under the Environmental Protection and Enhancement Act.

**KEY RISKS & MITIGATING STRATEGY**

Raising weir elevations to retain more flows in trunks could result in flow backup so careful optimization is needed not to create the risk of sewer backup and flooding. Sewer odour emissions are also a risk from certain modification projects.

**RESOURCES**

No new internal resources will be required by this initiative. However, projects may require external resources for both the design and construction phases.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

More wet weather combined flow can be retained in the combined system through optimization of the existing CSO sites, which can then be treated before being discharged to the river. This initiative is cost effective and these projects are recommended.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Combined Sewer Overflow Control****FUNDED**PROFILE NUMBER: **CM-23-9702**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Current Approved Budget	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,030	637	-	-	-	-	-	-	-	-	1,667
	Self-Liquid. Debent.-Sanitary	-	1,545	955	-	-	-	-	-	-	-	-	2,500
	Current Approved Funding Sources	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Requested Funding Source												
	Drainage Retained Earnings	-	1,030	637	-	-	-	-	-	-	-	-	1,667
	Self-Liquid. Debent.-Sanitary	-	1,545	955	-	-	-	-	-	-	-	-	2,500
	Requested Funding Source	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,803	-	-	-	-	-	-	-	-	-	1,803
	Design	-	773	1,591	-	-	-	-	-	-	-	-	2,364
	Total	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER SYSTEM UPGRADING**  
 PROFILE: **CM-23-9703**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Sanitary Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>13,655</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>13,655</b>

**PROFILE DESCRIPTION**

This program will increase the capacity of the City's sewer systems and minimize capacity constraints. It aims to improve the level of service by reducing the impacts of large rainfall events, minimizing the risk of sewer backup and surface flooding in all the 255 mature neighbourhoods built prior to 1989. Project works include the design and construction of hydraulic upgrades in 2 - 4 neighbourhoods every year. The Sewer Upgrading Strategy comprises both proactive and reactive projects to address sewer capacity deficiencies. Proactive upgrades under the Sewer Upgrading Strategy may be implemented along with the Drainage Neighbourhood Renewal Program (DNRP) or the Flood Prevention Program which could reduce costs associated with excavation, repaving, mobilization/demobilization, etc. However, reactive upgrades will be implemented in neighborhoods that experience significant basement flooding following a severe rainfall event.

**PROFILE BACKGROUND**

The Sewer Upgrading Strategy is needed to address pipe capacity issues by upgrading the pipes from their current size to a larger size to increase the sanitary, storm and combined sewer level of service. The strategy aims to improve drainage sewer systems in all 255 neighbourhoods that were built prior to 1989, which were designed with no minor system. Flooding report data indicate on average 350 basement flooding incidents occur per year in pre-1989 neighborhoods. So far, 107 of these neighbourhoods have been assessed and 138 remaining neighbourhoods will need to be evaluated in the upcoming years.

The Sewer Upgrading Strategy will be complimentary to local upgrades the City undertakes in response to extreme flood events under the Flood Prevention Program, and may work in coordination with Drainage Neighbourhood Renewal. It will focus toward addressing sewer and drainage system deficiencies before flooding occurs, reducing the impacts of large rainfall events when they occur.

**PROFILE JUSTIFICATION**

Upgrading the capacity of existing facilities can help to ensure that an acceptable level of service is provided to drainage customers. Upgrades will reduce the occurrences of basement and street flooding which cause property damage and can be very costly and disturbing to residents. Upgrades will also improve the water quality to North Saskatchewan River. Stormwater quality has been identified as a significant source of some of the contaminants to the North Saskatchewan River. Control of these contaminants is a partial fulfillment of obligations to Alberta Environment.

**STRATEGIC ALIGNMENT**

The Sewer Upgrading Strategy aligns with "The Way We Live" as it reduces basement and surface flooding due to sewer capacity deficiencies. It will increase the level of service and reduce impact on environment and public health.

**ALTERNATIVES CONSIDERED**

An alternative is to do nothing. This will cause public dissatisfaction due to basement flooding, street flooding and property damage.

**COST BENEFITS**

The Strategy will have a positive impact on the operating budget due to the reduction in flooding occurrences. There will also be a reduction of maintenance activities for a period of time for the new sewer. The estimated average cost to upgrade each neighborhood is approximately \$5.3 million.

**KEY RISKS & MITIGATING STRATEGY**

The implementation of this strategy will increase sewer level of service and will reduce the risk of injury or damage to persons and property due to basement flooding, street flooding, or roadway subsidence.

**RESOURCES**

No new internal resources will be required by this program. However the Sewer Upgrading Strategy projects will require external resources for both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

The Sewer Upgrading Strategy is needed to address sewer capacity issues causing basement or surface flooding. In neighbourhoods built prior to 1989, sewer level of service is considered below current standards and therefore requires sewer upgrades.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer System Upgrading****FUNDED**PROFILE NUMBER: **CM-23-9703**PROFILE TYPE: **Composite**BRANCH: **Sanitary Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Current Approved Budget	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Approved Funding Sources												
	Drainage Retained Earnings	-	52	530	2,404	2,476	-	-	-	-	-	-	5,462
	Self-Liquid. Debent.-Sanitary	-	77	796	3,606	3,714	-	-	-	-	-	-	8,193
	Current Approved Funding Sources	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Requested Funding Source												
	Drainage Retained Earnings	-	52	530	2,404	2,476	-	-	-	-	-	-	5,462
	Self-Liquid. Debent.-Sanitary	-	77	796	3,606	3,714	-	-	-	-	-	-	8,193
	Requested Funding Source	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Total	-	129	1,326	6,010	6,190	-	-	-	-	-	-	13,655

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MORRIS POND**  
 PROFILE: **03-31-9613**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Flood Prevention**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2002**  
 ESTIMATED COMPLETION: **January, 2019**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>18,228</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>18,228</b>

**PROFILE DESCRIPTION**

The project consists of the design and construction of the Morris Wetland and Regional Stormwater Management Pond located west of 34 Street and about 130m north of 84 Avenue. The Morris Pond design started in 2009 and construction will be completed in 2013. This project is a single project and will have a minimal operating impact of \$5K/year. The estimated useful life of the asset is expected to be 25 years or more and the debenture term is 25 years. The cost estimate includes land costs. The pond is designed to store and control stormwater flows within the Gold Bar Creek Basin to provide storm servicing for existing upstream and future proposed development, as well as to provide stormwater quality enhancement.

This project, which had an approved budget of \$42 million, was called Stormwater Management Facilities Expansion, and encompassed long-term future acquisitions and developments. A decision was made to include only identified projects, namely Morris Pond. Hence the budget decrease.

**PROFILE JUSTIFICATION**

The Morris wetland has been identified as a strategic location for a stormwater management facility to prevent flooding in the area, enhance water quality and control erosion in the Gold Bar Creek before the Creek descends into the valley of the North Saskatchewan River. If this project is not implemented, the opportunity to provide flood protection and storm water quality enhancement from the surrounding industrial areas that ultimately discharge into the North Saskatchewan River will be missed.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer Retained Earnings budget to offset the 2011 over-expenditure from Debenture financing resulting in a negative budget amount of \$4,971,000 (transfer of funding amounts within the same profile). The construction phase of this project is complete. Project delays due to land expropriation phase is still in progress and negotiations with land owners are on-going. This project will carry-forward to 2015.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Morris Pond****FUNDED**PROFILE NUMBER: **03-31-9613**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	28,572	-	-	-	-	-	-	-	-	-	-	28,572
	2002 CBS Budget Adjustment	-123	-	-	-	-	-	-	-	-	-	-	-123
	2003 CBS Budget Adjustment	-97	-	-	-	-	-	-	-	-	-	-	-97
	2004 CBS Budget Adjustment	1,565	-	-	-	-	-	-	-	-	-	-	1,565
	2005 CBS Budget Adjustment	-1,796	-	-	-	-	-	-	-	-	-	-	-1,796
	2006 CBS Budget Adjustment	-459	-	-	-	-	-	-	-	-	-	-	-459
	2007 CBS Budget Adjustment	-1,742	-	-	-	-	-	-	-	-	-	-	-1,742
	2008 CBS Budget Adjustment	-1,153	-	-	-	-	-	-	-	-	-	-	-1,153
	2009 CBS Budget Adjustment	-3,498	-	-	-	-	-	-	-	-	-	-	-3,498
	2010 CBS Budget Adjustment	-2,721	-	-	-	-	-	-	-	-	-	-	-2,721
	2011 CBS Budget Adjustment	1,216	-	-	-	-	-	-	-	-	-	-	1,216
	2012 CBS Budget Adjustment	-2,656	-	-	-	-	-	-	-	-	-	-	-2,656
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,120	-	-	-	-	-	-	-	-	-	-	1,120
	2014 Cap Carry Forward	-4,830	4,830	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	13,398	4,830	-	-	-	-	-	-	-	-	-	18,228
	Approved Funding Sources												
	Developer Financing	50	-	-	-	-	-	-	-	-	-	-	50
	Drainage Retained Earnings	-1,658	4,830	-	-	-	-	-	-	-	-	-	3,172
	Drainage Retained Earnings-obs	90	-	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go	251	-	-	-	-	-	-	-	-	-	-	251
	Self-Liquid. Debent.-Land Drg	9,690	-	-	-	-	-	-	-	-	-	-	9,690
	Self-Liquidating Debentures	4,975	-	-	-	-	-	-	-	-	-	-	4,975
	Current Approved Funding Sources	13,398	4,830	-	-	-	-	-	-	-	-	-	18,228

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	13,398	4,830	-	-	-	-	-	-	-	-	-	18,228
	Requested Funding Source												
	Developer Financing	50	-	-	-	-	-	-	-	-	-	-	50
	Drainage Retained Earnings	-1,658	4,830	-	-	-	-	-	-	-	-	-	3,172
	Drainage Retained Earnings-obs	90	-	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go	251	-	-	-	-	-	-	-	-	-	-	251
	Self-Liquid. Debent.-Land Drg	9,690	-	-	-	-	-	-	-	-	-	-	9,690
	Self-Liquidating Debentures	4,975	-	-	-	-	-	-	-	-	-	-	4,975
	Requested Funding Source	13,398	4,830	-	-	-	-	-	-	-	-	-	18,228

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-4,830	4,830	-	-	-	-	-	-	-	-	-	-
	Other Costs	18,228	-	-	-	-	-	-	-	-	-	-	18,228
	Total	13,398	4,830	-	-	-	-	-	-	-	-	-	18,228

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# CAPITAL PROFILE REPORT



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WESS W12**  
 PROFILE: **04-31-9302**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Combined Sewer Overflow Strategy**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2010**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,746</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,746</b>

**PROFILE DESCRIPTION**

The West Edmonton Sanitary Sewer(WESS) Stage 12 project is a new sanitary sewer river crossing consisting of drop shafts, tunnel and related works from approximately Jasper Avenue and 85 Street to the McNally school. This project also includes the installation of Real Time Control(RTC) works near Jasper Avenue and 85 Street, flow control works near the Hardisty Combined Sewer Overflow (CSO) structure, modifications to the manholes in Capilano Park and cleaning and inspection of the South Highland Interceptor (SHI) trunk sewer. This project will reduce sewer overflows by routing the wet weather flows to the SHI and then on to the Gold Bar Wastewater Treatment Plant. The implementation of the project will be coordinated with the plant's Enhanced Primary Treatment project at which time the treatment plant will have the capacity to handle the increased flows.

The WESS Stage 12 project is supported by two programs - The CSO Control Strategy and the Sanitary Servicing Strategy (prior to 2010). The CSO Control Strategy was approved by the Transportation and Public Works Committee March 14, 2000 and the Sanitary Servicing Strategy for the 21st Century was approved by City Council July 21, 1998.

This project will significantly reduce the frequency of CSOs at the Rat Creek overflow structure. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years.

This project will have no operating impact.

**PROFILE JUSTIFICATION**

WESS Stage 12 has the dual purpose of accommodating growth in west Edmonton and the overall reduction of combined sewer overflows to the river. Construction of the WESS Stage 12 sewer is in support of the Combined Sewer Overflow Control Strategy and the Sanitary Servicing Strategy. This project is required to fulfill the City's obligations to Alberta Environment as well as sustain growth in the City's west end.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer Debenture Debt financing to offset the over-expenditure from Retained Earnings totaling \$6,400,000 (transfer of funding amounts within the same profile).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **WESS W12****FUNDED**PROFILE NUMBER: **04-31-9302**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	13,037	-	-	-	-	-	-	-	-	-	-	13,037
	2010 CBS Budget Adjustment	3,456	-	-	-	-	-	-	-	-	-	-	3,456
	2011 CBS Budget Adjustment	-5,729	-	-	-	-	-	-	-	-	-	-	-5,729
	2012 CBS Budget Adjustment	-358	-	-	-	-	-	-	-	-	-	-	-358
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,340	-	-	-	-	-	-	-	-	-	-	1,340
	2014 Cap Carry Forward	-290	290	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	11,456	290	-	-	-	-	-	-	-	-	-	11,746
	Approved Funding Sources												
APPROVED BUDGET	Drainage Retained Earnings	9,856	-	-	-	-	-	-	-	-	-	-	9,856
	Self-Liquid. Debent.-Land Drg	1,600	290	-	-	-	-	-	-	-	-	-	1,890
	Current Approved Funding Sources	11,456	290	-	-	-	-	-	-	-	-	-	11,746

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,456	290	-	-	-	-	-	-	-	-	-	11,746
	Requested Funding Source												
	Drainage Retained Earnings	9,856	-	-	-	-	-	-	-	-	-	-	9,856
	Self-Liquid. Debent.-Land Drg	1,600	290	-	-	-	-	-	-	-	-	-	1,890
	Requested Funding Source	11,456	290	-	-	-	-	-	-	-	-	-	11,746

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-290	290	-	-	-	-	-	-	-	-	-	-
	Other Costs	11,746	-	-	-	-	-	-	-	-	-	-	11,746
	Total	11,456	290	-	-	-	-	-	-	-	-	-	11,746

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD FLOOD PREVENTION PROJECTS**  
 PROFILE **07-31-9511**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Flood Prevention**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2007
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ESTIMATED COMPLETION:	January, 2020
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>55,897</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>55,897</b>

**PROFILE DESCRIPTION**

The Neighbourhood Flood Prevention Projects (9511) was developed in response to the heavy rains which caused flooding and sewer back-ups in more than 4,000 homes in 2004. This program will install flood prevention works to the City's sewer systems. The program includes the design and construction of the various flood prevention works, including stormwater ponds and diversion sewers. This program is a single project and is financed by both the Sanitary and Stormwater Drainage. The projects will have no operating impact. The useful life of the assets is 25 years or more and the debenture term is 25 years.

**PROFILE JUSTIFICATION**

This program is to meet the City Council's direction for Flood Prevention. Implementation of the flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers. The key risks for not proceeding with the program are:

- o Neighbourhoods will be at-risk of flooding during similar storm events;
- o Citizens will be angry and upset at the lack of progress; and
- o The City will not fulfill the promise to address the at-risk neighbourhoods.

**CHANGES TO APPROVED PROFILE**

FALL 2015

Portion of 2014 surplus amount in CPP 07-31-9511 Neighbourhood Flood Prevention Projects totalling \$202,692 is used to offset the over-expenditure in CPP 12-31-9517 Overland Drainage to deal with higher than anticipated drainage issues arising throughout 2014.

#15-41-8: Transfer Debenture Debt financing budget to offset prior years over-expenditure in Retained Earnings totaling \$230,963 and AMIP Grant of \$11,000 (transfer of funding amounts within the same profile). 07-31-9511 will no longer be used and this program will continue as part of the 2015-2018 approved capital budget cycle in CM-31-9511.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood Flood Prevention Projects****FUNDED**PROFILE NUMBER: **07-31-9511**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	73,384	-	-	-	-	-	-	-	-	-	-	73,384
	2007 CBS Budget Adjustment	-3,678	-	-	-	-	-	-	-	-	-	-	-3,678
	2008 CBS Budget Adjustment	-1,505	-	-	-	-	-	-	-	-	-	-	-1,505
	2009 CBS Budget Adjustment	-7,682	-	-	-	-	-	-	-	-	-	-	-7,682
	2010 CBS Budget Adjustment	-4,516	-	-	-	-	-	-	-	-	-	-	-4,516
	2011 CBS Budget Adjustment	-2,710	-	-	-	-	-	-	-	-	-	-	-2,710
	2012 CBS Budget Adjustment	-1,067	-	-	-	-	-	-	-	-	-	-	-1,067
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,105	-	-	-	-	-	-	-	-	-	-	1,105
	2014 Cap Council	4,400	-	-	-	-	-	-	-	-	-	-	4,400
	2014 Cap Carry Forward	-1,834	1,834	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-203	-	-	-	-	-	-	-	-	-	-203
	2015 Cap Council	-	-1,631	-	-	-	-	-	-	-	-	-	-1,631
	Current Approved Budget	55,897	-	-	-	-	-	-	-	-	-	-	55,897
APPROVED FUNDING SOURCES	Approved Funding Sources												
	AMIP	28,803	-	-	-	-	-	-	-	-	-	-	28,803
	Drainage Retained Earnings	8,164	-	-	-	-	-	-	-	-	-	-	8,164
	Self-Liquid. Debent.-Land Drg	18,930	-	-	-	-	-	-	-	-	-	-	18,930
	Current Approved Funding Sources	55,897	-	-	-	-	-	-	-	-	-	-	55,897

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	55,897	-	-	-	-	-	-	-	-	-	-	55,897
	Requested Funding Source												
	AMIP	28,803	-	-	-	-	-	-	-	-	-	-	28,803
	Drainage Retained Earnings	8,164	-	-	-	-	-	-	-	-	-	-	8,164
	Self-Liquid. Debent.-Land Drg	18,930	-	-	-	-	-	-	-	-	-	-	18,930
	Requested Funding Source	55,897	-	-	-	-	-	-	-	-	-	-	55,897

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	2,566	-	-	-	-	-	-	-	-	-	-	2,566
	Other Costs	53,331	-	-	-	-	-	-	-	-	-	-	53,331
	Total	55,897	-	-	-	-	-	-	-	-	-	-	55,897

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL WOODS DOUBLE BARREL REPLAC/SESS SA1**  
 PROFILE: **08-31-9202**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Sanitary Servicing Strategy Fund**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2010
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	36,099
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	36,099
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**PROFILE DESCRIPTION**

This project includes the design and construction of major off-site sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. This project will include the design and construction of SESS (South Edmonton Sanitary Sewer) Stage SA1 and the Mill Woods Double Barrel Replacement from 2007 to 2014. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund and debt. This is a single project and will be completed by the end of 2014. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years. There will be no operating cost impact from the construction of these trunk sewers. New trunk sewers require little or no maintenance activities.

**PROFILE JUSTIFICATION**

Construction of these major trunk sewers is in support of development in Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development and growth in the City. In addition, the Mill Woods area will not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities. It could also result in more angry and upset citizens because we are not fulfilling the promise to address the flood risk in Mill Woods. The implementation of this project will fulfill the goal to protect, enhance and improve City's environment.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Woods Double Barrel Replac/SESS SA1****FUNDED**PROFILE NUMBER: **08-31-9202**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	25,505	-	-	-	-	-	-	-	-	-	-	25,505
	2010 CBS Budget Adjustment	3,663	-	-	-	-	-	-	-	-	-	-	3,663
	2011 CBS Budget Adjustment	-7,962	-	-	-	-	-	-	-	-	-	-	-7,962
	2012 CBS Budget Adjustment	645	-	-	-	-	-	-	-	-	-	-	645
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	9,816	-	-	-	-	-	-	-	-	-	-	9,816
	2014 Cap Budget Request for Next Cycle	-	2,575	1,857	-	-	-	-	-	-	-	-	4,432
	2014 Cap Carry Forward	-8,583	8,583	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	23,084	11,158	1,857	-	-	-	-	-	-	-	-	36,099
	Approved Funding Sources												
	Drainage Retained Earnings	13,378	-6,093	743	-	-	-	-	-	-	-	-	8,028
	Self-Liquid. Debent.-Land Drg	9,706	17,251	1,114	-	-	-	-	-	-	-	-	28,071
	Current Approved Funding Sources	23,084	11,158	1,857	-	-	-	-	-	-	-	-	36,099

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	23,084	11,158	1,857	-	-	-	-	-	-	-	-	36,099
	Requested Funding Source												
	Drainage Retained Earnings	13,378	-6,093	743	-	-	-	-	-	-	-	-	8,028
	Self-Liquid. Debent.-Land Drg	9,706	17,251	1,114	-	-	-	-	-	-	-	-	28,071
	Requested Funding Source	23,084	11,158	1,857	-	-	-	-	-	-	-	-	36,099

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-8,583	11,158	1,857	-	-	-	-	-	-	-	-	4,432
	Other Costs	31,667	-	-	-	-	-	-	-	-	-	-	31,667
	Total	23,084	11,158	1,857	-	-	-	-	-	-	-	-	36,099

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRUCTURES REHABILITATION**  
 PROFILE: **12-31-9503**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Drainage System Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,557</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,557</b>

**PROFILE DESCRIPTION**

This project ensures an acceptable level of service is maintained in various components of the drainage infrastructure. It involves the investigation, design and rehabilitation of existing structures such as pump stations, trunk sewers, drill drop manholes and outfalls. It also addresses the issue of collection system odours and the systems to mitigate these odours. Projects are located throughout the City. This is a composite project and is funded by both the Sanitary and Stormwater Drainage Utilities. The expected life cycle of the asset is 25 years or more and the debenture term is 25 years. The odour control component of this program has produced, and could produce in the future new odour control systems that have significant new operational costs. The impacts on operating has not been identified in detail, but should only happen at the end of its life cycle.

**PROFILE JUSTIFICATION**

To protect persons and properties from injury and damage due to basement flooding, street flooding, roadway subsidence, and to provide continuous rehabilitation of aging sewer infrastructure. Timely corrective action prevents further deterioration of drainage system infrastructures, which could lead to an emergency situation requiring immediate attention at a higher cost. The challenge for this program is to develop an adequately funded program that effectively rehabilitate the drainage system infrastructure. This project will preserve and sustain Edmonton's environment through timely rehabilitation of critical sewer infrastructures.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer Debenture Debt financing budget to offset the over-expenditure in 2013 from the Alberta Disaster Cost Recovery Grant totaling \$656,645 (transfer of funding amounts within the same profile). 12-31-9503 will no longer be used and a new CM-31-9503 has been set up for the approved 2015-2018 capital budget cycle.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Structures Rehabilitation****FUNDED**PROFILE NUMBER: **12-31-9503**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,332	-	-	-	-	-	-	-	-	-	-	6,332
	2012 CBS Budget Adjustment	-866	-	-	-	-	-	-	-	-	-	-	-866
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	866	-	-	-	-	-	-	-	-	-	-	866
	2014 Cap Carry Forward	-1,775	1,775	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,775	-	-	-	-	-	-	-	-	-	-1,775
	Current Approved Budget	4,557	-	-	-	-	-	-	-	-	-	-	4,557
	Approved Funding Sources												
	AMIP	657	-	-	-	-	-	-	-	-	-	-	657
BUDGET REQUEST	Drainage Retained Earnings	464	-	-	-	-	-	-	-	-	-	-	464
	Self-Liquid. Debent.-Land Drg	3,437	-	-	-	-	-	-	-	-	-	-	3,437
	Current Approved Funding Sources	4,557	-	-	-	-	-	-	-	-	-	-	4,557

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,557	-	-	-	-	-	-	-	-	-	-	4,557
	Requested Funding Source												
	AMIP	657	-	-	-	-	-	-	-	-	-	-	657
	Drainage Retained Earnings	464	-	-	-	-	-	-	-	-	-	-	464
	Self-Liquid. Debent.-Land Drg	3,437	-	-	-	-	-	-	-	-	-	-	3,437
	Requested Funding Source	4,557	-	-	-	-	-	-	-	-	-	-	4,557

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,775	-	-	-	-	-	-	-	-	-	-	-1,775
	Other Costs	6,332	-	-	-	-	-	-	-	-	-	-	6,332
	Total	4,557	-	-	-	-	-	-	-	-	-	-	4,557

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER REHABILITATION**  
 PROFILE: **12-31-9504**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Drainage System Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>15,070</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>15,070</b>

**PROFILE DESCRIPTION**

This project includes investigation, design and rehabilitation of existing deteriorated local sewers in the combined, sanitary and storm systems. This project also includes rehabilitation of sewers within the arterial and collector roadways designated for rehabilitation by Transportation Services, and Drainage Operations high priority repairs which are mostly on sewer laterals (service connections). This is a composite project and is funded by both the Sanitary and Stormwater Drainage Utilities. The expected life cycle of the asset is 25 years or more and the debenture term is 25 years. This project will have no initial operating cost impacts. There will be operating cost impacts as the sewers age towards the end of their life cycles. More maintenance will be required at that time, but it is expected to be beyond this budget cycle.

**PROFILE JUSTIFICATION**

This project maintains the existing level of service for citizens through the upkeep of the local sewers by rehabilitation. It further protects persons and properties from injury and damage due to roadway subsidence or sewer collapse. Timely corrective action prevents further deterioration of sewers which could lead to an emergency situation requiring immediate attention at a higher cost. The challenge for this program is to develop an adequately funded program that effectively rehabilitates local sewers. This project will preserve and sustain Edmonton's environment through timely rehabilitation of critical local sewers.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer Rehabilitation****FUNDED**PROFILE NUMBER: **12-31-9504**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	2012 CBS Budget Adjustment	-2,825	-	-	-	-	-	-	-	-	-	-	-2,825
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,825	-	-	-	-	-	-	-	-	-	-	2,825
	2014 Cap Carry Forward	-5,146	5,146	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-5,146	-	-	-	-	-	-	-	-	-	-5,146
	Current Approved Budget	15,070	-	-	-	-	-	-	-	-	-	-	15,070
	Approved Funding Sources												
	AMIP	225	-	-	-	-	-	-	-	-	-	-	225
BUDGET REQUEST	Drainage Retained Earnings	1,994	-	-	-	-	-	-	-	-	-	-	1,994
	Self-Liquid. Debent.-Land Drg	12,852	-	-	-	-	-	-	-	-	-	-	12,852
	Current Approved Funding Sources	15,070	-	-	-	-	-	-	-	-	-	-	15,070

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	15,070	-	-	-	-	-	-	-	-	-	-	15,070
	Requested Funding Source												
	AMIP	225	-	-	-	-	-	-	-	-	-	-	225
	Drainage Retained Earnings	1,994	-	-	-	-	-	-	-	-	-	-	1,994
	Self-Liquid. Debent.-Land Drg	12,852	-	-	-	-	-	-	-	-	-	-	12,852
	Requested Funding Source	15,070	-	-	-	-	-	-	-	-	-	-	15,070

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,146	-	-	-	-	-	-	-	-	-	-	-5,146
	Other Costs	20,216	-	-	-	-	-	-	-	-	-	-	20,216
	Total	15,070	-	-	-	-	-	-	-	-	-	-	15,070

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE NEIGHBOURHOOD RENEWAL COORD.**  
 PROFILE: **12-31-9510**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Drainage Neighbourhood Renewal**  
 LEAD BRANCH:   
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>25,530</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>25,530</b>

**PROFILE DESCRIPTION**

This project rehabilitates drainage infrastructure for mature neighbourhoods. It includes the investigation, design and rehabilitation of existing deteriorated local sewer infrastructures in the combined, sanitary and storm sewer networks throughout an entire neighbourhood. The project work is located throughout the city. Neighbourhood sewer rehabilitation is coordinated with Transportation Services to ensure that the required sewer renewal works in a neighbourhood are undertaken before pavements are reconstructed. The expected life of the asset is 25 years or more and the debenture term is 25 years. This project will have no operating impact.

This project is planned to end in 2061 and the expected total cost is \$750 million in 2011 dollars.

**PROFILE JUSTIFICATION**

This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with the Roadway Neighbourhood Renewal Program undertaken by Transportation Services. Sewer rehabilitation in neighbourhoods coordinated with roadway renewal projects avoids disruption to newly reconstructed pavement and minimizes inconvenience to citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Drainage Neighbourhood Renewal Coord.****FUNDED**PROFILE NUMBER: **12-31-9510**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	73,560	-	-	-	-	-	-	-	-	-	-	73,560
	2012 CBS Budget Adjustment	-8,815	-	-	-	-	-	-	-	-	-	-	-8,815
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,065	-	-	-	-	-	-	-	-	-	-	1,065
	2014 Cap Carry Forward	-11,090	11,090	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-29,190	-	-	-	-	-	-	-	-	-	-	-29,190
	2015 Cap Council	-	-11,090	-	-	-	-	-	-	-	-	-	-11,090
	Current Approved Budget	25,530	-	-	-	-	-	-	-	-	-	-	25,530
	Approved Funding Sources												
BUDGET REQUEST	Drainage Retained Earnings	830	-	-	-	-	-	-	-	-	-	-	830
	Self-Liquid. Debent.-Land Drg	24,700	-	-	-	-	-	-	-	-	-	-	24,700
	Current Approved Funding Sources	25,530	-	-	-	-	-	-	-	-	-	-	25,530

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	25,530	-	-	-	-	-	-	-	-	-	-	25,530
	Requested Funding Source												
	Drainage Retained Earnings	830	-	-	-	-	-	-	-	-	-	-	830
	Self-Liquid. Debent.-Land Drg	24,700	-	-	-	-	-	-	-	-	-	-	24,700
	Requested Funding Source	25,530	-	-	-	-	-	-	-	-	-	-	25,530

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-40,280	-	-	-	-	-	-	-	-	-	-	-40,280
	Other Costs	65,810	-	-	-	-	-	-	-	-	-	-	65,810
	Total	25,530	-	-	-	-	-	-	-	-	-	-	25,530

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OVERLAND DRAINAGE**  
 PROFILE: **12-31-9517**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Flood Prevention**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,731</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,731</b>

**PROFILE DESCRIPTION**

This program consists of the investigation, design and construction of storm drainage works in order to correct flooding and erosion problems which may constitute hazards to the public caused by overland flows. The project will have no operating impact. This is a composite project for local remediation and investigation of drainage problems caused by overland flows. The purpose of this program is to ensure that the existing overland drainage system is functioning properly and efficiently and does not result in a nuisance, flooding, or maintenance problem to the area.

**PROFILE JUSTIFICATION**

Usually the City receives 35-40 complaints every year regarding flooding issues and unsafe conditions resulting from overland flows. Citizens' complaints of surface flooding and erosion caused by rainfall and snowmelt have to be investigated, prioritized and addressed. Flooding and erosion hazards to the public include direct flooding, traffic problems due to street inundation and route blockage, and potential structural damage. This Program was developed and implemented on a priority schedule based on cost-effectiveness of the project. The challenge is to provide enough funding to address the critical areas. If these areas are not addressed, more problems may surface resulting in higher repair costs.

**CHANGES TO APPROVED PROFILE**

FALL 2015

Portion of 2014 surplus amount in CPP 07-31-9511 Neighbourhood Flood Prevention Projects totalling \$202,692 is used to offset the over-expenditure in CPP 12-31-9517 Overland Drainage to deal with higher than anticipated drainage issues arising throughout 2014.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Overland Drainage****FUNDED**PROFILE NUMBER: **12-31-9517**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,651	-	-	-	-	-	-	-	-	-	-	2,651
	2012 CBS Budget Adjustment	68	-	-	-	-	-	-	-	-	-	-	68
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12	-	-	-	-	-	-	-	-	-	-	12
	2015 Cap Administrative	-	203	-	-	-	-	-	-	-	-	-	203
	2015 Cap Council	-	-203	-	-	-	-	-	-	-	-	-	-203
	Current Approved Budget	2,731	-	-	-	-	-	-	-	-	-	-	2,731
	Approved Funding Sources												
	Drainage Retained Earnings	2,651	-	-	-	-	-	-	-	-	-	-	2,651
	Pay-As-You-Go	80	-	-	-	-	-	-	-	-	-	-	80
	Current Approved Funding Sources	2,731	-	-	-	-	-	-	-	-	-	-	2,731

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,731	-	-	-	-	-	-	-	-	-	-	2,731
	Requested Funding Source												
	Drainage Retained Earnings	2,651	-	-	-	-	-	-	-	-	-	-	2,651
	Pay-As-You-Go	80	-	-	-	-	-	-	-	-	-	-	80
	Requested Funding Source	2,731	-	-	-	-	-	-	-	-	-	-	2,731

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	2,731	-	-	-	-	-	-	-	-	-	-	2,731
	Total	2,731	-	-	-	-	-	-	-	-	-	-	2,731

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPPORTUNISTIC FLOOD PREVENTION PROJECT**  
 PROFILE: **12-31-9518**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Flood Prevention**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	4,399
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,399
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**PROFILE DESCRIPTION**

The project consists of the land acquisition of the surplus school site, and the design and construction of the Prince Rupert Pond. The design and construction of the pond will commence after the land transaction is completed. This project is a single project and will have no operating impact. This program will acquire the site and develop the stormwater management facility for the purpose of flood prevention.

**PROFILE JUSTIFICATION**

Most of the Prince Rupert neighborhood was constructed prior to the 1960's and has poorly defined major drainage systems. In the past, there had been a moderate number of flooding incidences reported throughout the neighborhood. Most of the neighborhood is serviced by combined sewers that have limited capacities. The surplus school site is to be developed as a dry pond to relieve flooding in the neighbourhood. This facility will improve the level of service in the area and provide partial sewer separation for the area. If this project is not implemented, we will miss the opportunity to retrofit a pond for drainage relief and provide partial sewer separation to the neighbourhood.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Opportunistic Flood Prevention Project****FUNDED**PROFILE NUMBER: **12-31-9518**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,799	-	-	-	-	-	-	-	-	-	-	6,799
	2012 CBS Budget Adjustment	11	-	-	-	-	-	-	-	-	-	-	11
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-11	-	-	-	-	-	-	-	-	-	-	-11
	2014 Cap Carry Forward	-2,400	2,400	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-2,400	-	-	-	-	-	-	-	-	-	-2,400
	Current Approved Budget	4,399	-	-	-	-	-	-	-	-	-	-	4,399
	Approved Funding Sources												
	Drainage Retained Earnings	4,399	-	-	-	-	-	-	-	-	-	-	4,399
	Current Approved Funding Sources	4,399	-	-	-	-	-	-	-	-	-	-	4,399

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,399	-	-	-	-	-	-	-	-	-	-	4,399
	Requested Funding Source												
	Drainage Retained Earnings	4,399	-	-	-	-	-	-	-	-	-	-	4,399
	Requested Funding Source	4,399	-	-	-	-	-	-	-	-	-	-	4,399

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,400	-	-	-	-	-	-	-	-	-	-	-2,400
	Other Costs	6,799	-	-	-	-	-	-	-	-	-	-	6,799
	Total	4,399	-	-	-	-	-	-	-	-	-	-	4,399

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CREEK EROSION PROTECTION**  
 PROFILE: **12-31-9604**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Drainage System Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,035</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,035</b>

**PROFILE DESCRIPTION**

This project addresses the need to provide creek erosion protection due to increased development in the receiving creek basin. Drainage Services has been collecting Storm Permanent Area Contributions (PAC) since 1999 from all new developments located south of the Transportation Utility Corridor (TUC) and discharging into the Whitemud/Blackmud Creeks. This project therefore seeks to implement appropriate protection works at the erosion sites being damaged by the increased runoff originated from urban development in the specified section of the City that is in the PAC program. Similar PAC will also be developed for other creeks with similar concerns. This is a composite project to implement erosion protection works. There is no impact to the operating budget as new facilities will reduce maintenance requirements.

**PROFILE JUSTIFICATION**

Various erosion studies have identified the need to implement creek erosion protection works at a number of locations throughout the City. PAC has been collected and should be used for these erosion protection works. If the erosion protection works are not implemented, hazardous conditions may occur which could result in more expensive emergency repairs. Implementation for the erosion protection works will fulfill the requirements of collecting the PAC from the development industry. This project will fulfill the goal to protect, enhance and improve the City's natural environment.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Transfer Developer Financing to offset the 2014 over-expenditure in Retained Earnings totaling \$1,034,510 (transfer of funding amounts within the same profile). 12-31-9604 Creek Erosion Protection is complete and this program will carry on within the approved 2015-2018 capital budget cycle under CM-31-9604.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Creek Erosion Protection****FUNDED**PROFILE NUMBER: **12-31-9604**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,649	-	-	-	-	-	-	-	-	-	-	1,649
	2012 CBS Budget Adjustment	-492	-	-	-	-	-	-	-	-	-	-	-492
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	492	-	-	-	-	-	-	-	-	-	-	492
	2014 Cap Carry Forward	-614	614	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-614	-	-	-	-	-	-	-	-	-	-614
	Current Approved Budget	1,035	-	-	-	-	-	-	-	-	-	-	1,035
	Approved Funding Sources												
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Drainage Retained Earnings	1,035	-	-	-	-	-	-	-	-	-	-	1,035
	Current Approved Funding Sources	1,035	-	-	-	-	-	-	-	-	-	-	1,035

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,035	-	-	-	-	-	-	-	-	-	-	1,035
	Requested Funding Source												
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Drainage Retained Earnings	1,035	-	-	-	-	-	-	-	-	-	-	1,035
	Requested Funding Source	1,035	-	-	-	-	-	-	-	-	-	-	1,035

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-614	-	-	-	-	-	-	-	-	-	-	-614
	Other Costs	1,649	-	-	-	-	-	-	-	-	-	-	1,649
	Total	1,035	-	-	-	-	-	-	-	-	-	-	1,035

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIRONMENTAL ENHANCEMENT PROJECTS**  
 PROFILE: **12-31-9616**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Environmental Quality Enhancement**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>-1,419</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>-1,419</b>

**PROFILE DESCRIPTION**

This composite project includes five subprojects to improve the drainage system for surface water and groundwater. The main projects include (1) Interconnection Controls (disconnect the connections between sanitary and storm sewers, previously 09-23-0600), (2) Low Impact Development (LID) demonstration projects (to reduce runoff volumes and intercept pollutants), (3) Low Flow Diversions (to divert low stormwater which usually has the highest pollutant concentration to the sanitary sewer for treatment at the Gold Bar Wastewater Treatment Plant, previously 09-31-9615), (4) sewage lagoon rehabilitation (to prevent groundwater contamination), and (5) environmental monitoring equipment and site construction (previously 09-23-9704). This project will likely require an FTE (drainage labor) after 2014. Thus, we will have some impact on operations starting in 2015.

The estimated useful life of the asset is 25 years or more and the debenture term is 25 years.

**PROFILE JUSTIFICATION**

Continued improvement to the water quality in the North Saskatchewan River is an obligation of the City to the Province under the Wastewater System's Approval-to-Operate (No.639-02-07). Interconnection control strategy and stormwater quality control strategy are part of the requirements under the Approval-to-Operate. Low Impact development demonstration projects will promote the LID best Management Practices (BMPs) in the City of Edmonton to reduce the total loading from the stormwater system to the North Saskatchewan River (NSR). LID, stormwater quality strategy, and environmental monitoring are important implementation plans that directly support the City's Environmental strategy - The Way We Green.

**CHANGES TO APPROVED PROFILE**

15-41: Moving the carried forward amount of prior year for 12-23/31-9616 - Environmental Enhancement Projects) to the newly approved project (CM-31-9616 - Environmental Enhancement Projects)

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Environmental Enhancement Projects****FUNDED**PROFILE NUMBER: **12-31-9616**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,387	-	-	-	-	-	-	-	-	-	-	4,387
	2012 CBS Budget Adjustment	-960	-	-	-	-	-	-	-	-	-	-	-960
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	960	-	-	-	-	-	-	-	-	-	-	960
	2014 Cap Carry Forward	-259	259	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-3,156	-	-	-	-	-	-	-	-	-	-	-3,156
	2014 SCBA Transfers >\$250K<\$1M	28	-	-	-	-	-	-	-	-	-	-	28
	2015 Cap Administrative	-	-259	-	-	-	-	-	-	-	-	-	-259
	2015 Cap Council	-	-2,420	-	-	-	-	-	-	-	-	-	-2,420
	Current Approved Budget	1,001	-2,420	-	-	-	-	-	-	-	-	-	-1,419
	Approved Funding Sources												
	Drainage Retained Earnings	-	-2,501	-	-	-	-	-	-	-	-	-	-2,501
	Federal Infrastructure Grants	-81	-	-	-	-	-	-	-	-	-	-	-81
	Infra Stimulus Fund - Federal	81	81	-	-	-	-	-	-	-	-	-	162
	Pay-As-You-Go	28	-	-	-	-	-	-	-	-	-	-	28
	Self-Liquid. Debent.-Land Drg	973	-	-	-	-	-	-	-	-	-	-	973
	Current Approved Funding Sources	1,001	-2,420	-	-	-	-	-	-	-	-	-	-1,419

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,001	-2,420	-	-	-	-	-	-	-	-	-	-1,419
	Requested Funding Source												
	Drainage Retained Earnings	-	-2,501	-	-	-	-	-	-	-	-	-	-2,501
	Federal Infrastructure Grants	-81	-	-	-	-	-	-	-	-	-	-	-81
	Infra Stimulus Fund - Federal	81	81	-	-	-	-	-	-	-	-	-	162
	Pay-As-You-Go	28	-	-	-	-	-	-	-	-	-	-	28
	Self-Liquid. Debent.-Land Drg	973	-	-	-	-	-	-	-	-	-	-	973
	Requested Funding Source	1,001	-2,420	-	-	-	-	-	-	-	-	-	-1,419

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-3,386	-2,420	-	-	-	-	-	-	-	-	-	-5,806
	Other Costs	4,387	-	-	-	-	-	-	-	-	-	-	4,387
	Total	1,001	-2,420	-	-	-	-	-	-	-	-	-	-1,419

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SYSTEM EXPANSION PROJECTS**  
 PROFILE: **12-31-9619**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **System Expansion Projects**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,520</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,520</b>

**PROFILE DESCRIPTION**

This project brings new customers into the Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as a City infrastructure.

This program provides customer services by: the provision of sewer mains and services, the installation of storm and sanitary sewer services to private properties from city sewers, the review of development drawings and the long range planning for drainage systems. Work will be completed as requested during the year or dependent on owner petitions. This project will have no operating cost impact. This project will be funded by both Sanitary and Stormwater Drainage. The project also creates additional revenues and expands the customer base.

This project provides resources to review and accept the drainage facilities required to service new lots in private developments. Fifty percent of the funding is from Private Developers. Private Developers will turn over the drainage facilities to the City as assets in accordance with the Servicing Agreement. This project will have a minimal short term operating cost impact.

This project combines 3 projects previously approved separately in past budget submissions. They were 7199 (Review/Inspect Developer Built Sewers), 9608 (Local Improvement Sewers), and 9513 (Service Connections Expansion).

**PROFILE JUSTIFICATION**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. The City is also obligated to install sewer service connections to meet requirements and commitments pursuant to the local improvement bylaw authorizations.

In support of planned growth, the City is required to review and accept the drainage facilities needed to service new lots. Drainage Services, under the terms of the Servicing Agreement, ensures that applicable obligations and Standards are met prior to the City accepting the drainage facilities for long-term operations and maintenance.

**COST ESTIMATE** - Based on historical costs increased for inflation. Actual costs for sewer connections are dependent upon the amount of development that occurs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **System Expansion Projects****FUNDED**PROFILE NUMBER: **12-31-9619**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,821	-	-	-	-	-	-	-	-	-	-	14,821
	2012 CBS Budget Adjustment	-4,909	-	-	-	-	-	-	-	-	-	-	-4,909
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	4,909	-	-	-	-	-	-	-	-	-	-	4,909
	2014 Cap Carry Forward	-5,301	5,301	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-5,301	-	-	-	-	-	-	-	-	-	-5,301
	2015 Cap Release to Corp Pool	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	9,520	-	-	-	-	-	-	-	-	-	-	9,520
	Approved Funding Sources												
	Developer Financing	3,208	-	-	-	-	-	-	-	-	-	-	3,208
	Drainage Retained Earnings	5,660	-	-	-	-	-	-	-	-	-	-	5,660
	Local Improvements Prop. Share	652	-	-	-	-	-	-	-	-	-	-	652
	Current Approved Funding Sources	9,520	-	-	-	-	-	-	-	-	-	-	9,520

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	9,520	-	-	-	-	-	-	-	-	-	-	9,520
	Requested Funding Source												
	Developer Financing	3,208	-	-	-	-	-	-	-	-	-	-	3,208
	Drainage Retained Earnings	5,660	-	-	-	-	-	-	-	-	-	-	5,660
	Local Improvements Prop. Share	652	-	-	-	-	-	-	-	-	-	-	652
	Requested Funding Source	9,520	-	-	-	-	-	-	-	-	-	-	9,520

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,301	-	-	-	-	-	-	-	-	-	-	-5,301
	Other Costs	14,821	-	-	-	-	-	-	-	-	-	-	14,821
	Total	9,520	-	-	-	-	-	-	-	-	-	-	9,520

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER UPGRADING**  
 PROFILE: **12-31-9703**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Drainage Neighbourhood Renewal**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ward C.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2014**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>826</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>826</b>

**PROFILE DESCRIPTION**

This project will increase the capacity of the City's sewer systems and minimize capacity constraints. It aims to improve the service level in all the 255 neighbourhoods built prior to 1989. This project includes the investigation, assessment and design of the neighbourhoods as well as some construction. This project is financed by both Sanitary and Stormwater Drainage. The expected life of the asset is at 25 years or more and the debenture term is 25 years. This project will have no operating impact.

**PROFILE JUSTIFICATION**

Upgrading of existing facilities can help to ensure that an acceptable level of service is provided to Drainage customers and reduce the risk of flooding, while also improving the water quality in the North Saskatchewan River. Stormwater quality has been identified as a significant source of some contaminants to the North Saskatchewan River. Control of these contaminants is a partial fulfilment of obligations to the Alberta Environment.

**CHANGES TO APPROVED PROFILE**

#15-41: Transfer of Retained Earnings from CPP 12-23-9702 Combined Sewer Overflow Control Projects to CPP 12-31-9703 Sewer Upgrading to offset the over-expenditure in Retained Earnings totaling \$551,073. These profiles will no longer be used and new profiles have been set up for the approved 2015-2018 capital budget cycle.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer Upgrading****FUNDED**PROFILE NUMBER: **12-31-9703**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	826	-	-	-	-	-	-	-	-	-	-	826
	2012 CBS Budget Adjustment	-123	-	-	-	-	-	-	-	-	-	-	-123
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	123	-	-	-	-	-	-	-	-	-	-	123
	2015 Cap Administrative	-	551	-	-	-	-	-	-	-	-	-	551
	2015 Cap Council	-	-551	-	-	-	-	-	-	-	-	-	-551
	Current Approved Budget	826	-	-	-	-	-	-	-	-	-	-	826
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
	Self-Liquid. Debent.-Land Drg	826	-	-	-	-	-	-	-	-	-	-	826
	Current Approved Funding Sources	826	-	-	-	-	-	-	-	-	-	-	826

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	826	-	-	-	-	-	-	-	-	-	-	826
	Requested Funding Source												
	Drainage Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
	Self-Liquid. Debent.-Land Drg	826	-	-	-	-	-	-	-	-	-	-	826
	Requested Funding Source	826	-	-	-	-	-	-	-	-	-	-	826

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	826	-	-	-	-	-	-	-	-	-	-	826
	Total	826	-	-	-	-	-	-	-	-	-	-	826

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MILL CREEK END OF PIPE TREAT. FACILITY**  
 PROFILE: **13-31-9617**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **Environmental Quality Enhancement**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ward C.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Utilities
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	11,083
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,083
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**PROFILE DESCRIPTION**

This project provides concept development, design and construction of an end of pipe facility to improve the quality of stormwater in Mill Creek. The end of pipe facility is expected to significantly reduce the total suspended sediment loadings to the North Saskatchewan River (NSR). Due to the complexity of the sources of pollutants and the Creek's environmental and biological sensitivity, a sustainable stormwater management approach has to be implemented for Mill Creek loading reduction. First, a feasibility study is planned for 2013 and 2014 to analyze the characteristics of the stormwater in the creek and its impact to the creek and NSR, identify sources of pollutants, and develop various control options. The preliminary design and detailed design will start in 2015 and construction to start in 2016. This project will have no operating cost impact.

**PROFILE JUSTIFICATION**

Drainage Services developed the Stormwater Quality Control Strategy and Action Plan as required by the Alberta Environment through the City of Edmonton wastewater approval #639-02-07. This project, along with other specific projects meets Alberta Environment's requirement to protect the North Saskatchewan River. The project also supports directly the Way We Green. This project will also be part of the commitment of the City of Edmonton to restore biodiversity and increase ecological health of the watershed (as per Mayor Mandel's letter to the Government of Alberta on June 28, 2011).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mill Creek End of Pipe Treat. Facility****FUNDED**PROFILE NUMBER: **13-31-9617**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	841	-	-	-	-	-	-	-	-	-	-	841
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	2,296	2,633	3,696	2,334	-	-	-	-	-	-	10,959
	2014 Cap Release to Corp Pool	-717	-	-	-	-	-	-	-	-	-	-	-717
	Current Approved Budget	124	2,296	2,633	3,696	2,334	-	-	-	-	-	-	11,083
	Approved Funding Sources												
	Drainage Retained Earnings	124	918	1,053	1,478	934	-	-	-	-	-	-	4,507
	Self-Liquid. Debent.-Land Drg	-	1,378	1,580	2,218	1,400	-	-	-	-	-	-	6,576
	Current Approved Funding Sources	124	2,296	2,633	3,696	2,334	-	-	-	-	-	-	11,083

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	124	2,296	2,633	3,696	2,334	-	-	-	-	-	-	11,083
	Requested Funding Source												
	Drainage Retained Earnings	124	918	1,053	1,478	934	-	-	-	-	-	-	4,507
	Self-Liquid. Debent.-Land Drg	-	1,378	1,580	2,218	1,400	-	-	-	-	-	-	6,576
	Requested Funding Source	124	2,296	2,633	3,696	2,334	-	-	-	-	-	-	11,083

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-717	2,296	2,633	3,696	2,334	-	-	-	-	-	-	10,242
	Other Costs	841	-	-	-	-	-	-	-	-	-	-	841
	Total	124	2,296	2,633	3,696	2,334	-	-	-	-	-	-	11,083

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SE EDMONTON STORMWATER TRUNK 41 AVE**  
 PROFILE: **13-31-9620**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME: **System Expansion Projects**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Ward C.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2013**ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,287</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,287</b>

**PROFILE DESCRIPTION**

Drainage Services is paying for the design and construction (front ending) of a stormwater trunk to support future development in south east Edmonton and the highway interchange at Queen Elizabeth II Highway and 41st Avenue SW. The cost of the stormwater trunk is \$9.5M and will be recovered through the Permanent Area Contribution process.

**PROFILE JUSTIFICATION**

Construction of the Queen Elizabeth II Highway and 41st Avenue interchange will spur development in southeast Edmonton. Installing this portion of the storm infrastructure now in conjunction with the construction of the interchange will prevent delays in development and take advantage of cost savings totaling \$14.8M. By taking advantage of synergies mentioned above, the project is estimated to cost \$9.5M versus \$24.3M if Drainage Services waits to after the interchange is completed. In addition, this option will mitigate disruption to traffic, will be safer for construction crews and makes it easier for developers to proceed with storm management.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **SE Edmonton Stormwater Trunk 41 Ave****FUNDED**PROFILE NUMBER: **13-31-9620**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,515	-	-	-	-	-	-	-	-	-	-	9,515
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-752	752	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-2,228	-	-	-	-	-	-	-	-	-	-	-2,228
	Current Approved Budget	6,535	752	-	-	-	-	-	-	-	-	-	7,287
	Approved Funding Sources												
	Drainage Retained Earnings	1,035	459	-	-	-	-	-	-	-	-	-	1,494
	Self-Liquid. Debent.-Land Drg	5,500	293	-	-	-	-	-	-	-	-	-	5,793
	Current Approved Funding Sources	6,535	752	-	-	-	-	-	-	-	-	-	7,287

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,535	752	-	-	-	-	-	-	-	-	-	7,287
	Requested Funding Source												
	Drainage Retained Earnings	1,035	459	-	-	-	-	-	-	-	-	-	1,494
	Self-Liquid. Debent.-Land Drg	5,500	293	-	-	-	-	-	-	-	-	-	5,793
	Requested Funding Source	6,535	752	-	-	-	-	-	-	-	-	-	7,287

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,980	752	-	-	-	-	-	-	-	-	-	-2,228
	Other Costs	9,515	-	-	-	-	-	-	-	-	-	-	9,515
	Total	6,535	752	-	-	-	-	-	-	-	-	-	7,287

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	INITIAL PHASE DOWNTOWN STORMWATER DRAINAGE SERVICING	<b>FUNDED</b>
PROFILE	14-31-4102	PROFILE STAGE: Previously Approved
DEPARTMENT:	Financial Services & Utilities - Utilities	PROFILE TYPE: Standalone
BRANCH:	Stormwater Utility	PROFILE MANAGER: Todd Wyman
PROGRAM NAME:	System Expansion Projects	LEAD BRANCH MANAGER: Chris Ward
LEAD BRANCH:	Stormwater Utility	ESTIMATED START: January, 2014
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	23,699
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	23,699

**PROFILE DESCRIPTION**

Construction of a stormwater trunk to accommodate anticipated infill and redevelopment of Downtown is required for the Downtown Community Revitalization Levy Area. Drainage studies undertaken in 2009 and 2011 identify the need for upgrades to the drainage system to handle increasing volumes.

The upgrade's initial phase (this capital profile) includes a storm trunk along 105 Street from 100 Avenue to the existing storm trunk on 111 Avenue using trenchless construction. At 105 Ave, the tunnel will run westward to 107 Street. From 105 Avenue to 111 Avenue, the tunnel will run along 107 Street.

This sewer will also provide a needed storm outlet for the North Edge redevelopment area and the Central McDougall Opportunistic Sewer Separation work. As such, Drainage will contribute funding to the project for the up-sizing of the trunk.

This is Phase 1 of a two-phase project. Phase 2 will involve lateral storm sewers to be implemented as required in the future based on development.

**PROFILE BACKGROUND**

Without improved drainage, development in Downtown will increase both the magnitude and frequency of flooding and of Combined Sewer Overflow.

Constructing this stormwater trunk will mitigate these concerns.

For this reason, the Downtown Community Revitalization Levy Plan (as approved by Council on Sep. 17, 2013 and the Province on Apr. 16, 2014) identifies drainage servicing upgrades as an initial catalyst project.

This profile is being expedited ahead of the 2015-2018 Capital budget process to allow work to begin as soon as possible. Drainage work must be completed before Neighbourhood Renewal can proceed in Central McDougall as scheduled for 2018/2019. To avoid conflicts or further delays to neighbourhood renewal, Drainage work must begin in 2014.

This profile is Phase 1 of a larger project. Future sewers on 100 and 102 Avenues (conceptual estimate of \$32 million in 2013 dollars) will further enhance servicing and will be proposed in future budget cycles as required.

**PROFILE JUSTIFICATION**

Downtown Edmonton is currently serviced with a combined sewer system and during moderate and heavy rainfall events, flows can exceed the sewer capacity resulting in flooding and combined sewer overflows.

As intensification and redevelopment occurs Downtown, sanitary flows and storm runoff will increase, and a higher level of drainage service will be required to support Downtown redevelopment.

While the system can currently accommodate the arena and associated developments, it is reaching the point at which it will not be able to service new developments.

Construction of this stormwater trunk will result in a lower risk of basement flooding, reduced frequency of surface flooding, and environmental benefits through reduced combined sewer overflow discharge.

For this reason, the Downtown Community Revitalization Levy Plan (as approved by Council on Sept. 17, 2013 and the Province on Apr. 16, 2014) identifies drainage servicing upgrades as an initial catalyst project.

# CAPITAL PROFILE REPORT

## STRATEGIC ALIGNMENT

This project advances the following "The Way Ahead" strategic goals: The Way We Green, The Way We Grow, and The Way We Finance.

This profile also fulfils a commitment to Alberta Environment.

## ALTERNATIVES CONSIDERED

Three options are available:

- (1) Do nothing: This does not meet the servicing needs.
- (2) Partial sewer separation and lateral improvements: PREFERRED OPTION
- (3) total sewer separation: Prohibitively expensive (more than \$200 million).

## COST BENEFITS

Tangible Benefits:

- Improved hydraulic performance of the combined sewer systems in Downtown Edmonton.
- Reduced risk of sewer backup and surface flooding.
- Reduction in downstream Combined Sewer Overflow discharge to the river.

Intangible:

- Support revitalization of the Downtown core.
- Increased confidence that reasonable drainage servicing exists to support Downtown development.

## KEY RISKS & MITIGATING STRATEGY

Risks include construction challenges and cost escalation; a thorough design process and contingencies will mitigate these risks.

Risks of not proceeding are conflicts with Neighbourhood Renewal in Central McDougall and increased flooding.

## RESOURCES

No new personnel requirements. External engineering consultants and contractors will be used for the design and open-cut construction works. Tunnel construction will be undertaken by City's Drainage Design and Construction.

## CONCLUSIONS AND RECOMMENDATIONS

Recommend proceeding with partial sewer separation and lateral upgrades. The initial phase, a trunk sewer flowing northbound along 105 Street will be completed during this capital budget cycle.

**CAPITAL PROFILE REPORT**PROFILE NAME: **Initial Phase Downtown Stormwater Drainage Servicing****FUNDED**PROFILE NUMBER: **14-31-4102**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,400	9,600	13,850	13,950	7,200	-	-	-	-	-	-	46,000
	2014 Cap Budget Request for Next Cycle	-	-5,095	-7,087	-6,738	-3,493	-	-	-	-	-	-	-22,413
	2014 Cap Carry Forward	-26	26	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	295	163	-237	-108	-	-	-	-	-	-	113
	Current Approved Budget	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699
	Approved Funding Sources												
	Debt CRL Downtown	-	4,800	4,058	4,327	2,224	-	-	-	-	-	-	15,409
	Drainage Retained Earnings	1,374	26	2,868	2,648	1,375	-	-	-	-	-	-	8,290
	Current Approved Funding Sources	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699
	Requested Funding Source												
	Debt CRL Downtown	-	4,800	4,058	4,327	2,224	-	-	-	-	-	-	15,409
	Drainage Retained Earnings	1,374	26	2,868	2,648	1,375	-	-	-	-	-	-	8,290
	Requested Funding Source	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699
	Total	1,374	4,826	6,926	6,975	3,599	-	-	-	-	-	-	23,699

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KENNEDALE ACCOMMODATION UPGRADE**  
 PROFILE: **15-31-6142**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Utilities
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	5,227
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,227
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**PROFILE DESCRIPTION**

The involves adding 1,570 square meters to the equipment Garage at the rear of the complex. The vehicle and equipment stored in the main building can then be stored in the equipment garage. This garage space in the main building can be converted into office space without changing the footprint of the main building. The additional office space would accommodate future space requirements for the next 5 years. This will add about 10,000 sq ft of office space and about 14,000 sq ft of shop space. Construction in the conceptual design phase is estimated at about \$11.5 Million of which \$1 Million is estimated for detailed design cost. Construction is anticipated to require 2 years to complete and would be phased with the expansion to the Equipment Garage first, followed by construction within the vacated garage space in the main building and ultimately the renovation of remaining office spaces.

**PROFILE BACKGROUND**

Drainage Operations anticipates adding staff and equipment in 2015 but has reached office and shop space capacity. The proposal adds onto an existing heated outbuilding and substantial renovation turning shop space in offices in the main building. Many renovations have occurred over the years to provide additional space for the Kennedale Drainage Operations Complex. All office space is now occupied and additional staff and equipment is anticipated in the 2015 budget. A consultant was engaged to develop and accommodation plan that minimizes cost and maximizes efficiency. In 2015 about 10 FTE and 7 vehicles have been requested. The current space will not accommodate storage of the equipment in the required heated environment and the staff can only be provided temporary accommodation in a boardroom.

**PROFILE JUSTIFICATION**

Additional office and shop space will allow for growth of staff and equipment levels. As the City grows, so does the drainage network. In order to maintain a reliable system to preserve public health and the environment, additional staff and equipment is required. Kennedale Drainage Operations is at capacity and additional space is required immediately. The anticipated outcomes include increased morale due to more welcoming and environmentally sustainable office space, increased connectivity between staff due to an open office conceptual plan, and preservation of City assets due to the appropriate storage of expensive vehicles and equipment in a heated storage environment. The measures of success will be that this proposal is accepted and funded in the 2015-2018 Capital program.

**STRATEGIC ALIGNMENT**

This project aligns with THE WAY WE GROW, THE WAY WE GREEN, AND THE WAY WE LIVE as a result of interrelationships between our operations and the preservation of public health and the environment while allowing the City to expend through development.

**ALTERNATIVES CONSIDERED**

A do nothing alternative would result in a decrease in service level and an increase in service interruptions. Outsourcing has been investigated but competition causes availability and pricing to fluctuate.

**COST BENEFITS**

The tangible benefits include foregoing spending and estimated \$50 million to build new rather than renovate. The intangible benefits of this proposal include reducing the City's environmental footprint through the use of LEEDS Silver standards and the reduction of office space per person as a result of applying the new City office standards. Morale would be increased as noise, lighting and heating issues existing in the building.

**KEY RISKS & MITIGATING STRATEGY**

The risk of not proceeding with this project is that the required staff and equipment are not hired while the City continues to grow.

**RESOURCES**

This project does not directly require an increase in staff resources.

**CONCLUSIONS AND RECOMMENDATIONS**

The recommendation is to approve the request to fund the renovation of existing space at a cost of about \$11.7 Million.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kennedale Accommodation Upgrade****FUNDED**PROFILE NUMBER: **15-31-6142**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Current Approved Budget	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,030	1,061	-	-	-	-	-	-	-	-	2,091
	Self-Liquid. Debent.-Land Drg	-	1,545	1,591	-	-	-	-	-	-	-	-	3,136
	Current Approved Funding Sources	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227
	Requested Funding Source												
	Drainage Retained Earnings	-	1,030	1,061	-	-	-	-	-	-	-	-	2,091
	Self-Liquid. Debent.-Land Drg	-	1,545	1,591	-	-	-	-	-	-	-	-	3,136
	Requested Funding Source	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,318	2,387	-	-	-	-	-	-	-	-	4,705
	Design	-	258	265	-	-	-	-	-	-	-	-	523
	Total	-	2,575	2,652	-	-	-	-	-	-	-	-	5,227

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	SEWER LATERALS TO SUPPORT DOWNTOWN INTENSIFICATION	<b>FUNDED</b>
PROFILE	15-31-9415	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Financial Services & Utilities - Utilities	PROFILE TYPE: Standalone
BRANCH:	Stormwater Utility	PROFILE MANAGER: Chris Ward
PROGRAM NAME:		LEAD BRANCH MANAGER:
LEAD BRANCH:		ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Utilities	Major Initiative:	Downtown Arena District
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	17,601
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	17,601

**PROFILE DESCRIPTION**

This initiative is for sewer upgrading projects recommended to be implemented in stages to allow the City's Downtown and North Edge areas to intensify, in line with Capital City Downtown Plan (CCDP) and Catalyst projects. Sewer improvements selected as priority include projects along 105 Ave, 100 Ave, 102 Ave and 108 Ave. These laterals will feed into the backbone deep tunnel along 105/107 (CRL project) and will contribute toward the overall improvements of sewer level of service to accommodate growth and intensification. The 105 Ave storm sewer improvement proposed is prioritized due to coordination with the upcoming 105 Ave Streetscaping project. The proposed 102 Ave and 100 Ave storm trunks were identified in Phase II of the Community Revitalization Levy (CRL) and will be recommended for implementation in future years. The 108 Ave storm trunk is delayed for implementation until there is greater demand in the North Edge area.

**PROFILE BACKGROUND**

The Capital City Downtown Plan (CCDP) is a corporate initiative to revitalize and intensify growth in Downtown Edmonton. This redevelopment plan proposes significant infill including high-rise commercial and office space, high density residential and a proposed Sports and Entertainment District. The redevelopment will result in a significant increase in wastewater flows and some increase of storm water runoff, resulting in the need for upgraded sanitary and storm servicing in the downtown area.

A deep tunnel along 105/107 street, the backbone of the drainage improvements required for the implementation of CCDP, will be funded by the CRL and Drainage Services (\$46M). Other key lateral trunks are required to accommodate future development and will flow into the new deep tunnel. These include storm trunks along 105 Ave, 100 Ave, 102 Ave and 108 Ave. The 105 Ave storm sewer improvement project is a priority due to the upcoming 105 Ave Streetscaping project.

**PROFILE JUSTIFICATION**

These sewer upgrading projects are critical improvements to allow the City's Downtown and North Edge areas to intensify and grow, in line with the CCDP and catalyst projects. Densification will increase the sewage flows in the existing system and redevelopment will potentially impact stormwater runoff due to changes in the land's perviousness. The main objective is to improve the level of service of the Downtown and North Edge sewer systems to a 5-year level of service for flood protection while allowing for future growth and densification. Another benefit is that these projects will allow opportunities for partial sewer separation in these areas. The projects must coordinate with other projects in the area such as the 105/107 Street deep tunnel project, Transportation Services' Neighbourhood Renewal Program beginning in Central McDougall in 2018, and the 105 Ave Streetscaping project proposed to begin in 2015, as well as the future SE LRT line.

**STRATEGIC ALIGNMENT**

This project aligns with The Way We Grow by supporting infill development and downtown intensification. It also aligns with The Way We Live because it allows Drainage Services to continue to provide a high level of service to the residents.

**ALTERNATIVES CONSIDERED**

Doing no improvements to accommodate the growth is an alternative. However this would likely lead to basement and street flooding, property damage, safety concerns, environmental issues and low levels of service for residents.

**COST BENEFITS**

New sewer infrastructure will provide a high level of service to the Downtown and North Edge areas. Development will be able to progress in these areas once this infrastructure is in place. The priority lateral improvement is the 105 Ave storm trunk with a cost estimate of \$16M, which includes a shaft connection to the deep tunnel backbone trunk.

**KEY RISKS & MITIGATING STRATEGY**

The risk of not completing this project is that the drainage system will not be able to keep up with the continued development in the downtown and north edge areas. If the project is delayed, coordination with other City projects will be unlikely.

**RESOURCES**

No new internal resources will be required by this project. However many it may require external resources for both the design and/or construction phases.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

This initiative is needed to support the Capital City Downtown Plan. It is recommended to go ahead with the 105 Ave storm trunk and other future laterals to accommodate additional sanitary flow and stormwater runoff resulting from future development.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Sewer Laterals to Support Downtown Intensification****FUNDED**PROFILE NUMBER: **15-31-9415**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601
	Current Approved Budget	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601
	Approved Funding Sources												
	Drainage Retained Earnings	-	206	424	3,934	2,476	-	-	-	-	-	-	7,040
	Self-Liquid. Debent.-Land Drg	-	309	637	5,901	3,714	-	-	-	-	-	-	10,560
	Current Approved Funding Sources	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601
	Requested Funding Source												
	Drainage Retained Earnings	-	206	424	3,934	2,476	-	-	-	-	-	-	7,040
	Self-Liquid. Debent.-Land Drg	-	309	637	5,901	3,714	-	-	-	-	-	-	10,560
	Requested Funding Source	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	9,835	6,190	-	-	-	-	-	-	16,025
	Design	-	515	1,061	-	-	-	-	-	-	-	-	1,576
	Total	-	515	1,061	9,835	6,190	-	-	-	-	-	-	17,601

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GROAT ROAD TRUNK SEWER REHABILITATION**  
 PROFILE: **15-31-9515**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2017
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>19,289</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>19,289</b>

**PROFILE DESCRIPTION**

A 2km section of corrugated liner plate storm sewer on Groat Road from 118 to 107 Avenue and a 1.7km section along 118 Avenue from 129 to 142 Street and south of 121A Avenue require prompt rehabilitation. There is a risk that sinkholes and possibly even collapse of the sewer could occur as soil around the sewers is washed away. The trunks have holes nearly throughout the entire lengths so require prompt rehabilitation to reinstate their structural integrity and to prevent leakage. Further investigation and analysis is required to develop a concept plan and design. The conceptual design process may begin in 2014 through the Structures Rehabilitation program (12-23-9503). The design process will take a minimum of 12 months, possibly longer. The rehabilitation construction work must be undertaken during the fall and winter season (September to February) when flows are at a minimum. With the magnitude of the work, it would need to be staged over at least two or more construction seasons.

**PROFILE BACKGROUND**

Man entry visual inspections, 3.9 km long, of the large diameter corrugated liner plate storm trunk sewers along Groat Road from 118 Ave to 107 Ave (2337mm/92") and along 118 Ave from 129 Street to 142 Street (1727mm/68") undertaken in June 2012 by Drainage Operations identified concerns about the structural condition of these sewers. There appears to have holes in the invert along nearly the entire length and requires prompt rehabilitation to reinstate its structural integrity and to prevent leakage.

**PROFILE JUSTIFICATION**

Through man entry visual inspections, it has been determined that these sections of pipe require prompt rehabilitation to reinstate their structural integrity. An assessment of the trunks was conducted and it was determined that if they are left in their current condition, there is a risk that sinkholes and possibly even collapse of the sewer could occur if they are not rehabilitated to reinstate their structural integrity and to prevent leakage. The sections have reached 60 years so they have surpassed their expected service life.

**STRATEGIC ALIGNMENT**

This project aligns with "The Way We Live" strategic goal by ensuring that Drainage Services can provide a high level of service to its customers and by preventing emergency situations such as roadway collapse or property damage.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If the rehabilitation does not go ahead, there is risk of sinkholes in the roadway or a collapsed sewer which is a safety concern. This would also cause a loss of service, and would require a costly emergency repair.

**COST BENEFITS**

High level costs estimates at this time are approximately \$18M if CIPP lining can be used, but costs will be significantly higher if open cut replacement is required. These estimates will be evaluated and refined through conceptual design.

The impacts of failure in this sewer infrastructure, such as flooding or roadway collapse, can be minimized through rehabilitation. This project maintains an acceptable level of service for residents.

**KEY RISKS & MITIGATING STRATEGY**

There is risk with not going forward with the rehabilitation of this sewer. Sinkholes and possibly even collapse of the sewer and roadway could occur as soil around the pipe is washed away.

**RESOURCES**

No new internal resources will be required by this project. However it may require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended to go ahead with this project to prevent sinkholes and possible collapse of the sewer. Structural integrity needs to be restored in the sewer promptly. Conceptual design will determine type of rehabilitation and cost estimates.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Groat Road Trunk Sewer Rehabilitation****FUNDED**PROFILE NUMBER: **15-31-9515**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289
	Current Approved Budget	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289
	Approved Funding Sources												
	Drainage Retained Earnings	-	824	3,395	3,497	-	-	-	-	-	-	-	7,716
	Self-Liquid. Debent.-Land Drg	-	1,236	5,092	5,245	-	-	-	-	-	-	-	11,573
	Current Approved Funding Sources	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289
	Requested Funding Source												
	Drainage Retained Earnings	-	824	3,395	3,497	-	-	-	-	-	-	-	7,716
	Self-Liquid. Debent.-Land Drg	-	1,236	5,092	5,245	-	-	-	-	-	-	-	11,573
	Requested Funding Source	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289
	Total	-	2,060	8,487	8,742	-	-	-	-	-	-	-	19,289

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPTIMIZATION OF 30 AVENUE STORM TRUNK OVERFLOW****FUNDED**PROFILE **15-31-9525**PROFILE STAGE: **Post Budget Approval**DEPARTMENT: **Financial Services & Utilities - Utilities**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**PROFILE MANAGER: **Chris Ward**

PROGRAM NAME:

LEAD BRANCH MANAGER:

LEAD BRANCH:

ESTIMATED START: **January, 2015**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2017**Service Category: **Utilities**

Major Initiative:

**GROWTH****RENEWAL****25****75**

PREVIOUSLY APPROVED:

**7,741**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**7,741****PROFILE DESCRIPTION**

The proposed initiative will involve the design and construction of a new, 2900mm tunnel beneath Whitemud Creek, connecting the 5100mm pipe on the east side of the creek with the 5100mm pipe on the west side of the creek in addition to the existing two 1950mm pipes currently carrying flow. After several trials, it was determined that a tunnel constructed with a 0.1% slope could handle 1:100 year design storms, including additional conveyance due to the Mill Woods Double Barrel upgrade, without causing overflow. The work components for the project include:

- Environmental site assessment study and geotechnical investigation
- Preparing the preliminary design for the tunnel and verifying the findings of the concept
- Detailed design and preparation of tender documents
- Construction of tunnel

**PROFILE BACKGROUND**

The 30th Avenue storm system services a large area in south Edmonton, including the Mill Woods neighborhood and South Edmonton Common. The system experiences a bottleneck and flow instability when a 5100mm trunk reaches the Whitemud Creek, where the flow moves into two 1950mm pipes. In the July 2004 and July 2012 storms, there were severe overflows at the east bank of Whitemud Creek, which damaged the existing infrastructure and led to the creek embankment scouring. Repairs were performed following these storm events, while a more permanent solution was investigated.

**PROFILE JUSTIFICATION**

The 30th Avenue storm system experiences a bottleneck at its crossing at Whitemud Creek. This bottleneck has already led to severe overflow geysers during 2004 and 2012 storm events. Upon completion of the Mill Woods Double Barrel upgrade in 2015, the flows in the system will increase, putting additional pressure on the bottleneck location. The past overflow incidents resulted in significant damage to the bank from the manhole to the creek itself, scoured the abutment of the pedestrian bridge, and eroded the Whitemud Creek. The possibility of increased overflow also implies a heightened safety risk: the overflow during 2004 resulted in a 10 meter geyser, which blew off the 20 tonne manhole covering the shaft. The geyser was observed by a passing pedestrian. In addition to these dangers, the ongoing pressure that the location puts upon the overall system represents an inefficiency that will impede the success of the rest of the system to meet its design objectives.

**STRATEGIC ALIGNMENT**

This project complements the City's overall goals for environmental protection as articulated in The Way Ahead, and it contributes to achieving the City's strategic vision as follows: The Way We Live, The Way We Green, and The Way We Finance

**ALTERNATIVES CONSIDERED**

- 1) Provide full conveyance under the creek
- 2) Redesign overflow channel to protect creek
- 3) Provide partial conveyance and allow overflow
- 4) Do nothing

**COST BENEFITS**

The implementation of this project will improve the capacity of drainage system and eliminate overflows at the Whitemud Creek crossing for 1:100 year design storm. The Whitemud Creek bank will be protected from erosion and scouring. The project estimated cost is about \$7.2 M. This conceptual cost estimation is based on currently available information and it has a contingency of 60% including engineering fee and project management.

**KEY RISKS & MITIGATING STRATEGY**

The cost will depend on geotechnical conditions, site constraints, constructability issues, and recommendations of environmental review agencies.

**RESOURCES**

External engineering consultants will be required for: environmental assessment, geotechnical investigation, preliminary design and detailed design. For the installation of 2900 mm tunnel will need TBM machine from the City

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

The aim of this project is to improve the hydraulic performance and implement strategies for mitigating the damaging impact of stormwater overflow in the creek. The recommendation is that regulatory discernment should be sought.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Optimization of 30 Avenue storm trunk overflow****FUNDED**PROFILE NUMBER: **15-31-9525**PROFILE TYPE: **Standalone**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741
	Current Approved Budget	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741
	Approved Funding Sources												
	Drainage Retained Earnings	-	124	849	2,124	-	-	-	-	-	-	-	3,097
	Self-Liquid. Debent.-Land Drg	-	185	1,273	3,186	-	-	-	-	-	-	-	4,645
	Current Approved Funding Sources	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741
	Requested Funding Source												
	Drainage Retained Earnings	-	124	849	2,124	-	-	-	-	-	-	-	3,097
	Self-Liquid. Debent.-Land Drg	-	185	1,273	3,186	-	-	-	-	-	-	-	4,645
	Requested Funding Source	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741
	Total	-	309	2,122	5,311	-	-	-	-	-	-	-	7,741

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPPORTUNISTIC SEWER SEPARATION**  
 PROFILE: **CM-31-2160**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2020
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Service Category:	Utilities
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Major Initiative:	Downtown Arena District
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	4,975
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	4,975

**PROFILE DESCRIPTION**

Opportunistic Sewer Separation (OSS) is one of several components of the Combined Sewer Overflow (CSO) Control Strategy for long term control measures to reduce CSO's to the North Saskatchewan River (NSR). Working towards the long-term goal of sewer separation or its environmental equivalent to protect the NSR water quality is one of the requirements for the City's Approval to Operate (No. 639-02-07).

OSS involves converting combined sewer systems into separate sanitary and storm sewers in an opportunistic and cost effective manner. In addition to protecting the NSR water quality, sewer separation will increase sewer system level of service to reduce potential basement flooding in combined sewer areas and also reduce pressure on downstream combined trunks. Opportunities arise when the cost of separation could be optimized as the result of synergy with other projects such as the Drainage Neighbourhood Renewal Program, the Sewer Upgrading Strategy, or the Flood Prevention Program.

**PROFILE BACKGROUND**

The City has an area of approximately 4,270 ha currently serviced by the combined sewer system and consists of about 930 km of combined sewers. Opportunistic Sewer Separation (OSS) converts combined sewer systems into separate sanitary and storm sewers in an opportunistic and cost effective manner. Opportunities arise when the cost of separation could be optimized as the result of synergy with other projects such as Drainage Neighbourhood Renewal, the Sewer Upgrading Strategy, or the Flood Prevention Program.

The City's 18 Combined Sewer Overflow (CSO) sites were identified to be one of the sources of bacteria that cause in-stream river levels to exceed water quality criteria for primary contact recreation. The OSS program will contribute to the reduction of bacteria in untreated CSO discharges. Since the start of the program in 2005, five out of the nine identified projects have been completed resulting in 75 hectares of the combined sewer area being separated.

**PROFILE JUSTIFICATION**

As a result of the OSS projects, more combined areas will be separated and both quantity and frequency of CSO's to the NSR will be reduced. Sewer separation will increase sewer system level of service to reduce potential basement flooding in combined sewer areas and will also reduce pressure on downstream combined trunks. The net benefits of other programs or strategies can be maximized and overall cost savings can be achieved as a result of the OSS program.

Working towards the long-term goal of sewer separation or its environmental equivalent to protect the NSR water quality is one of the requirements for the City's Approval to Operate (No. 639-02-07) by Alberta Ministry of Environment and Sustainable Resource Development (ESRD).

**STRATEGIC ALIGNMENT**

This program aligns with "The Way We Green" and "The Way We Live" as it protects the river water quality, reduces potential basement flooding in combined sewer areas and reduces the impact on the environment and public health.

**ALTERNATIVES CONSIDERED**

Total separation of the combined system, which is very costly and disruptive.

No sewer separation, which would make it difficult to reach long term goals for river water quality and to maintain the City's Approval to Operate.

**COST BENEFITS**

The volume and frequency of CSOs to the North Saskatchewan River will be reduced, which protects water quality. Level of service will be increased and will reduce the potential for basement flooding in combined sewer areas, and will reduce flows in downstream combined trunks. It is one of the regulatory requirements as outlined in the City's Approval to Operate under the Environmental Projection and Enhancement Act.

**KEY RISKS & MITIGATING STRATEGY**

Risk of not doing this project includes flooding and hazard to the environment. Close coordination with other City projects is essential for this program.

# CAPITAL PROFILE REPORT

## RESOURCES

No new internal resources will be required by this program. However, OSS projects may require external resources for both the design and construction phases.

## CONCLUSIONS AND RECOMMENDATIONS

Previous studies indicated that sewer separation is generally costly and total separation will be unrealistic based on both cost and time for implementation. Separation of the combined sewer systems has to be where it is cost effective to do so.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Opportunistic Sewer Separation****FUNDED**PROFILE NUMBER: **CM-31-2160**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Current Approved Budget	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	106	983	900	-	-	-	-	-	-	1,990
	Self-Liquid. Debent.-Land Drg	-	-	159	1,475	1,351	-	-	-	-	-	-	2,985
	Current Approved Funding Sources	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Requested Funding Source												
	Drainage Retained Earnings	-	-	106	983	900	-	-	-	-	-	-	1,990
	Self-Liquid. Debent.-Land Drg	-	-	159	1,475	1,351	-	-	-	-	-	-	2,985
	Requested Funding Source	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975
	Total	-	-	265	2,459	2,251	-	-	-	-	-	-	4,975

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE VEHICLE AND CONSTRUCTION EQUIPMENT**  
 PROFILE: **CM-31-6130**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Chris Ward**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,203</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,203</b>

**PROFILE DESCRIPTION**

New equipment includes:

(2015; 2-MTV Units(600,000), 2- Combination Units (1,100,000), Trouble Truck (140,000), Mini Mining excavator (600,000), Compressors (20,000), Forklift (100,000), Bobcat Transport Trailer (30,000), 50 ton shop press (10,000), Cable Reeler (10,000), Miscellaneous Equip. (100,000)),  
 (2016; 1 Vector (\$550000), Generators (40,000), Steel Bender (150,000), Drill Rig - Test hole (800,000), Miscellaneous Equip. (100,000)),  
 (2017; Plasma cutter (200,000), Miscellaneous Equip. (100,000)),  
 (2018; Sampling and Compliance Van (116,000), Micro Tunneling Machine (4,000,000), Miscellaneous Equip.(100,000)).

**PROFILE BACKGROUND**

Drainage Services uses specialized equipment to build, inspect, clean and maintain the sanitary and storm sewer system. As the City grows, the sewer system grows with it which requires new equipment to support construction and operation activities. Equipment purchases consist of new equipment to support growth and improve efficiency as well as replacement of existing equipment that are in poor condition. Drainage Services business plans set service level targets. In order to maintain these targets and provide a safe work environment new innovative equipment must be purchased and aging equipment must be replaced. Purchases include: sewer inspection equipment, combination units for cleaning sewers, upgrade tunnel equipment, microtunnelling machine, generators, compressor, excavation equipment, lifting equipment, communication equipment, drill rig, ground freezing equipment, trucks and vans

**PROFILE JUSTIFICATION**

The Replacement Equipment request is to provide budget to procure replacement equipment that has reached the end of its useful life but continues to be required. The new equipment requested is to provide equipment for new council approved employees. Drainage Operations plans to expand the CCTV inspection program to increase the amount of inventory in the video library from 30% to 50% with the ultimate goal of 80% or more. Preventative inspection will ensure infrastructure degradation is monitored and potential problems address to minimize service interruption and maintain user satisfaction. Drainage Design and Construction requires new equipment to deliver the increase flood prevention program and other council approved strategic programs for other City departments. The risk of not purchasing the proposed new equipment is increase change of flooding, service interruption, negative impact on public health the environment and the River, and impedes development and growth of the City.

**STRATEGIC ALIGNMENT**

The Flood Prevention Program, Drainage Master Plan, and the City's strategic plans including the Neighborhood Rehabilitation Program are impacted by the need to replace and procure new equipment.

**ALTERNATIVES CONSIDERED**

The alternatives include a decrease in service level, an increase in the risk of workplace injuries, and the inability to keep up with the growth of the City and the delivery of the associated Strategic Programs.

**COST BENEFITS**

The costs are itemized in the Profile Description above. The tangible benefits of purchasing new equipment will be an increased meterage of CCTV infrastructure inspection, increased open cut production, and the meeting of schedules related to recently increased capital programs. The intangible benefits include increased customer satisfaction, increased employee morale, and safer more efficient workplace due to new technology.

**KEY RISKS & MITIGATING STRATEGY**

The risks of not proceeding is that service levels will drop, interruption of service will increase, preventative maintenance planning will not have evidence to support the plan, we will be unable to keep up with demand for construction.

**RESOURCES**

This request for additional equipment has corresponding FTE request in the operating budget forecast. If the request for new equipment is not approved, additional FTE may separately be approved but their ability to work may be negatively impacted.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended to approve the budget for replacement of existing equipment and the purchase of new equipment as per the timeline laid out in the details section above.

## CHANGES TO APPROVED PROFILE

#15-41-8: Transfer funding to reflect assets with a life cycle of less than 25 years will not be financed by debt.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage Vehicle and Construction Equipment****FUNDED**PROFILE NUMBER: **CM-31-6130**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203
	Current Approved Budget	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203
	Approved Funding Sources												
	Drainage Retained Earnings	-	2,518	1,202	1,410	4,438	-	-	-	-	-	-	9,568
	Self-Liquid. Debent.-Land Drg	-	-	302	164	169	-	-	-	-	-	-	635
	Current Approved Funding Sources	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203
	Requested Funding Source												
	Drainage Retained Earnings	-	2,518	1,202	1,410	4,438	-	-	-	-	-	-	9,568
	Self-Liquid. Debent.-Land Drg	-	-	302	164	169	-	-	-	-	-	-	635
	Requested Funding Source	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Equip FurnFixt	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203
	Total	-	2,518	1,504	1,574	4,607	-	-	-	-	-	-	10,203

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	-	-	<b>10.0</b>	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE FACILITY UPGRADING**  
 PROFILE: **CM-31-6140**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

<b>Service Category: Utilities</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,323</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,323</b>

**PROFILE DESCRIPTION**

Drainage Services is currently at capacity for office and shop space across the various operating units. In order to meet current and anticipated growth from 2015 - 2018, additional space need to be built out and existing space will need to be densified in order to accommodate all staff. Projects and Initiatives identified as part of the Drainage Facility Upgrading include:

- Kennedale Operations Accommodation Plan
- Coronation Yard Densification & Alignment
- Coronation Yard Shop Re-purposing
- Eastgate Densification
- Poundmaker Temporary Office Accommodations

These projects and initiatives are focused around providing the necessary facilities to maintain current service levels of Drainage Services.

**PROFILE BACKGROUND**

Drainage services currently operates out of 3 main facilities (excluding Century Place) including Kennedale Yard, Coronation Yard & Eastgate. Although the work force including staff levels and equipment has grown significantly over the years, the amount of space available to accommodate this workforce has not kept pace. This situation has resulted in all facilities being at or over capacity with the risk of inefficiencies occurring due to the lack of space available. The Drainage Facility upgrading profile will provide Drainage Services with the necessary resources in order to expand existing facilities to house the on-coming workforce in 2015 in addition to initiating projects to densify the current space in order to create efficiencies within the space and to align with the new corporate guidelines surrounding office space.

**PROFILE JUSTIFICATION**

Additional office and shop space will allow for growth of staff and equipment levels. In order to maintain a reliable system to preserve public health and the environment, additional staff and equipment is required. Kennedale and Coronation Yards are over capacity and additional space is required. The current situation has resulted in questions surrounding around the capacity to hire new employees due to the lack of space to house these employees. This puts significant risk on Drainage Services' ability to meet the demands. The anticipated outcomes include increased morale due to more welcoming and environmentally sustainable office space, increased connectivity between staff due to an open office conceptual plan, room for growth associated densification of work stations, and preservation of City assets due to the appropriate storage of expensive vehicles and equipment in a heated storage environment.

**STRATEGIC ALIGNMENT**

1. Citizens, in terms of flood protection and uninterrupted services
2. Supporting growth in the new growth areas and infill of the existing areas
3. Aligns with Corporate Space Allocation policies
4. Collaborative team-oriented culture

**ALTERNATIVES CONSIDERED**

Due to current facilities being at capacity, other alternatives include acquiring additional office/shop space such as the purchase or lease of other facilities.

**COST BENEFITS**

Given the state of current facilities, the cost benefit of the initiative relates to the minimization of downtime associated with providing space. Additionally, expanding and retrofitting current facilities will prove to be much more cost effective in the short term as opposed to purchasing a new building to meet the current demand.

**KEY RISKS & MITIGATING STRATEGY**

Risk associated with the initiative is the time frame to construct new facilities. In order to mitigate this risk, proper planning and procurement of temporary space will be required in order to ensure that all construction timelines are met.

**RESOURCES**

This project does not directly require an increase in staff resources. Project management functions would be utilized through the City of Edmonton Project Management & Building Maintenance group.



# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

In order for Drainage Services to maintain its current level of service and allow for the anticipated future growth, it is recommended to approve the Drainage Facility Upgrade initiative.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage Facility Upgrading****FUNDED**PROFILE NUMBER: **CM-31-6140**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Current Approved Budget	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Approved Funding Sources												
	Drainage Retained Earnings	-	721	743	328	338	-	-	-	-	-	-	2,129
	Self-Liquid. Debent.-Land Drg	-	1,082	1,114	492	506	-	-	-	-	-	-	3,194
	Current Approved Funding Sources	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323
	Requested Funding Source												
	Drainage Retained Earnings	-	721	743	328	338	-	-	-	-	-	-	2,129
	Self-Liquid. Debent.-Land Drg	-	1,082	1,114	492	506	-	-	-	-	-	-	3,194
	Requested Funding Source	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,622	1,671	738	760	-	-	-	-	-	-	4,790
	Design	-	180	186	82	84	-	-	-	-	-	-	532
	Total	-	1,803	1,857	820	844	-	-	-	-	-	-	5,323

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE IT ASSETS**  
 PROFILE: **CM-31-6200**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,575</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,575</b>

**PROFILE DESCRIPTION**

Drainage IT Applications is a composite project that comprises of a number of IT related applications. The project is divided into three main categories

- 1) Maintenance: includes licensing of Bentley software and other maintenance requirements that are required as part of the day to day activities for certain software
- 2) Upgrades - Changes and updates to existing applications in compliance with Corporate and standards; The IT Strategy plays a significant role in determining and spearheading some of these upgrades.
- 3) Growth - Based on a continual improvement model; this also includes changes that are needed as a result of process changes across the business. The IT Strategy plays a significant role in determining and spearheading some of these growth projects.

**PROFILE BACKGROUND**

In order to support the growing demands of the business, Drainage Services and IT Branch collaborated to identify business needs and challenges critical in establishing the appropriate initiatives that would support the strategic goals of both branches. The Drainage IT Applications program allows Drainage Services to practice continuous improvement and realize efficiencies through the use of technology. This also aligns with Council's initiative of 2% saving through innovation.

Drainage Services continuously relies on technology. The partnership between the IT branch and Drainage Services has made it possible to support the ongoing maintenance, improvement and expansion of the current system in place. Continuous Improvement is a high priority for Drainage Services. In previous years, Drainage Services has identified several priority IT initiatives through the 2013-2015 Drainage IT Strategy.

**PROFILE JUSTIFICATION**

Sustainable technology solutions are essential tools to optimize business operational efficiencies. Implementing advanced technologies will help support productivity, meet increased workloads and achieve productivity gains. In order to successfully maintain business service levels it is necessary to continuously enhance the current technology we have in place, to support the corporate outcome that The City has sustainable assets and services. The implementation of the Drainage IT Application program will sustain and support all the IT initiatives identified based on the collaboration between Drainage Services and IT branch.

**RESULTS**

- Improved operational efficiency
- Maintained service levels of Drainage Services Branch
- Effective implementation of IT initiatives
- Effective transitions to process changes

**STRATEGIC ALIGNMENT**

Aligns with The Way We Finance, by ensuring that Drainage Services is fully equipped with up to date IT solutions to efficiently support the programs and services which citizens require. This program also aligns with The Way We Grow strategic goal

**ALTERNATIVES CONSIDERED**

Do nothing - Not moving forward on these initiatives will prevent Drainage Services from realizing additional efficiencies.

**COST BENEFITS**

- Continuous Improvement
- Innovation
- Operational Efficiencies
- Improves customer satisfaction through higher confidence in data accuracy.

**KEY RISKS & MITIGATING STRATEGY**

Lack of support for existing IT systems limits productivity and lowers service levels to citizens. Change in long terms plans of the business is also considered a key risk as it impacts the overall scope of the Drainage IT applications program.

**RESOURCES**

No new FTEs will be required for the planning and implementation of this program.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

The implementation of the Drainage IT Application program will ensure that Drainage Services will successfully maintain and improve the service levels of the branch to meet the expectation of citizens.

## CHANGES TO APPROVED PROFILE

#15-41-8: Transfer funding to reflect assets with a lifecycle of less than 25 years will not be financed by debt.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Drainage IT Assets****FUNDED**PROFILE NUMBER: **CM-31-6200**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Current Approved Budget	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,476	530	546	563	-	-	-	-	-	-	3,116
	Self-Liquid. Debent.-Land Drg	-	-	796	820	844	-	-	-	-	-	-	2,459
	Current Approved Funding Sources	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Requested Funding Source												
	Drainage Retained Earnings	-	1,476	530	546	563	-	-	-	-	-	-	3,116
	Self-Liquid. Debent.-Land Drg	-	-	796	820	844	-	-	-	-	-	-	2,459
	Requested Funding Source	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Technology	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575
	Total	-	1,476	1,326	1,366	1,407	-	-	-	-	-	-	5,575

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LOCAL IMPROVEMENT**  
 PROFILE: **CM-31-9420**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,896</b>
<b>75</b>	<b>25</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,896</b>

**PROFILE DESCRIPTION**

Possible sanitary sewer and storm sewer main and service connection construction. Projects are completed for areas where local improvement financed construction is requested by the property owners. Developers / property owners request water and sewer servicing to the City. Plans are reviewed and Drainage Design & Construction provides a cost estimate to construct the services requested as per approved drawings submitted. A Local Improvement Bylaw needs to be approved by City Council in order for local improvement financed construction to be carried out.

**PROFILE BACKGROUND**

Developers / property owners request water and sewer servicing to the City. Plans are reviewed and Drainage Design & Construction provides a cost estimate to construct the servicing requested as per approved drawings submitted. A Local Improvement Bylaw needs to be approved by City Council in order for local improvement financed construction to be carried out.

**PROFILE JUSTIFICATION**

Some areas of the City are serviced with water and sewer as a result of local improvement financing becoming available. Local Improvement financing is available to assist developers / property owners with proposed development. Once the Local Improvement Bylaw is approved by City Council the construction may proceed in accordance with approved drawings.

**STRATEGIC ALIGNMENT**

This project aligns with "The Way We Grow" and "The Way We Live" strategic goals to facilitate the development requests to the City. It will also contribute to Preserve and Sustain Edmonton's Environment.

**ALTERNATIVES CONSIDERED**

The developer / property owner has the option to finance their development on their own. The plans for the proposed developments still require City approval to ensure local development aligns with City's overall development strategy and plan.

**COST BENEFITS****Tangible Benefits**

Ensure all requests for water and sewer servicing are handled in a consistent manner within City's standards, bylaw, and estimates provided as per approved drawings.

**Intangible Benefits**

To ensure water and sewer servicing is constructed within City's standards and bylaw.

**Assumptions**

All water and sewer servicing are provided within City's standards and bylaw and handled in a consistent manner.

**KEY RISKS & MITIGATING STRATEGY**

The managing and installation of water and sewer servicing requests by Drainage Services, Public Services Section ensures the developers / property owner requests for servicing are in compliance with City's standards and bylaw.

**RESOURCES**

This alternative will require operating resources for both Drainage Design & Construction and Drainage Public Services Section to process and install water and sewer servicing requested by developers / property owner as per approved drawings.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage Services to ensure all servicing requests are processed in a timely manner to meet developers / property owner requests. Drainage Services has the resources available to handle the requests for servicing from developers/property owner

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Local Improvement****FUNDED**PROFILE NUMBER: **CM-31-9420**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Current Approved Budget	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Approved Funding Sources												
	Drainage Retained Earnings	-	252	186	268	197	-	-	-	-	-	-	903
	Local Improvements Prop. Share	-	3,353	2,467	3,557	2,617	-	-	-	-	-	-	11,993
	Current Approved Funding Sources	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896
	Requested Funding Source												
	Drainage Retained Earnings	-	252	186	268	197	-	-	-	-	-	-	903
	Local Improvements Prop. Share	-	3,353	2,467	3,557	2,617	-	-	-	-	-	-	11,993
	Requested Funding Source	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,245	2,387	3,442	2,532	-	-	-	-	-	-	11,606
	Design	-	361	265	382	281	-	-	-	-	-	-	1,290
	Total	-	3,605	2,652	3,825	2,814	-	-	-	-	-	-	12,896

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INTERCONNECTION CONTROL PROGRAM**  
 PROFILE: **CM-31-9435**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,155</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,155</b>

**PROFILE DESCRIPTION**

Many of the projects identified under this strategy consist of new sewer capacity to relieve the combined sewer system in areas with interconnections present. Catchbasin re-connection to a storm sewer system is also a common type of project. This will keep water out of the combined sewer where it can create the flooding and overflow issues we are working to prevent. All projects under this program will keep combined sewage from overflowing in to the storm system where it flows directly to the North Saskatchewan River untreated.

**PROFILE BACKGROUND**

In response to a requirement in the 1995 Approval to Operate (No. 95-MUN-117), the City of Edmonton prepared an Interconnection Control Strategy. Through this Strategy, the City embarked on its mitigation and monitoring program in the context of "perpetual monitoring and assessment". An interconnection is designed to allow sanitary or combined sewage to overflow into the storm system, in order to relieve the sewer system under high flow conditions. Since 1998, a program has been in place to minimize the contamination of stormwater with sanitary sewage by monitoring, assessing and eliminating or mitigating all interconnections between the two systems. This will reduce the total loading of contaminants to the North Saskatchewan River.

**PROFILE JUSTIFICATION**

In order to prevent basement flooding, overflow points were designed and built where the sanitary or combined sewer line could overflow into a storm sewer. The storm sewer would flow directly to the North Saskatchewan River. In the '90s as our understanding of our impact to the River increased, the Interconnection control program was initiated. Sites were identified and monitors were installed. In the 1995 approval to operate issued by Alberta Environment, there was a clause to have an interconnection control program; many sites were not in danger of overflowing and were closed. In the early 2000's, rectification studies were carried out for the remainder to identify the infrastructure required to mitigate flood risk. Since the conclusion of those studies, extra capacity has been built in areas with interconnections and other overflow sites have been closed. We have not completed the work identified in the rectification report; work to be done to close the remaining sites.

**STRATEGIC ALIGNMENT**

This program aligns with The Way We Green and Drainage Services' water quality strategy, River for Life. The objective is to prevent pollution from entering our water courses.

**ALTERNATIVES CONSIDERED**

The alternative is to do nothing, leave the system as it is. Overflows will continue to occur and there will be untreated wastewater flowing in to our water courses.

**COST BENEFITS**

Projects identified under this profile consist of catchbasin disconnection and new sewer construction. The goal of this program is to reduce the impact from discharges in to the North Saskatchewan River. There will be the one-time capital construction costs of installing new utility infrastructure and the long term regular maintenance costs associated with sewers.

**KEY RISKS & MITIGATING STRATEGY**

Cost will be a risk with water quality improvement programs and projects. Concept design completed with the rectification studies do not take all conflicts in to consideration.

**RESOURCES**

Construction work will be carried out by Design and Construction and external contractors. Ongoing project management by DDC and Drainage Planning to track project status as well as to track the success of the projects in the context of the strategy

**CONCLUSIONS AND RECOMMENDATIONS**

Work identified in the rectification studies will continue to eliminate the interconnections from the existing inventory. Our creeks and river are important natural resources and this work will reduce the contaminant loading to those water courses.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Interconnection Control Program****FUNDED**PROFILE NUMBER: **CM-31-9435**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	515	530	546	563	-	-	-	-	-	-	2,155
	Current Approved Budget	-	515	530	546	563	-	-	-	-	-	-	2,155
	Approved Funding Sources												
	Drainage Retained Earnings	-	206	212	219	225	-	-	-	-	-	-	862
	Self-Liquid. Debent.-Land Drg	-	309	318	328	338	-	-	-	-	-	-	1,293
	Current Approved Funding Sources	-	515	530	546	563	-	-	-	-	-	-	2,155

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	515	530	546	563	-	-	-	-	-	-	2,155
	Requested Funding Source												
	Drainage Retained Earnings	-	206	212	219	225	-	-	-	-	-	-	862
	Self-Liquid. Debent.-Land Drg	-	309	318	328	338	-	-	-	-	-	-	1,293
	Requested Funding Source	-	515	530	546	563	-	-	-	-	-	-	2,155

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	515	530	546	563	-	-	-	-	-	-	2,155
	Total	-	515	530	546	563	-	-	-	-	-	-	2,155

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REVIEW/INSPECT DEVELOPER BUILT SEWER**  
 PROFILE: **CM-31-9470**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,705</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,705</b>

**PROFILE DESCRIPTION**

This initiative within the Growth and Land Development Subsection of Drainage Planning more specifically involves the review and approval of subdivision engineering drawings, processing of Utility Right-of-Way documents, provides engineering and cost assessment input into the Servicing Agreements being prepared by the Development Coordination Subsection of Sustainable Development, provides site inspections during construction, as-built recording and Construction Completion Certificate (CCC) and Final Acceptance Certificate (FAC) inspections and document reviews. Timelines for engineering drawing reviews are three weeks for a first submission and two weeks for subsequent submission. Timelines for URW documents are two weeks. Timelines for Development Cost Assessments (DCA) for input into the Servicing Agreements are two weeks. Site inspections are ongoing daily inspections during construction and the timelines for review of CCC and FAC applications including inspections are 30 days.

**PROFILE BACKGROUND**

This project provides resources to review and accept the drainage facilities required to service new lots in private developments. The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. Work will be completed as requested during the year or dependent on owner petitions. Private Developers will turn over the drainage facilities to the City as assets upon individual project completion in accordance with the Servicing Agreement.

**PROFILE JUSTIFICATION**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. In support of planned growth, the City is required to review and accept the drainage facilities needed to service new lots. Drainage Services, under the terms of the Servicing Agreement, ensures that applicable obligations and Standards are met prior to the City accepting the drainage facilities for long-term operations and maintenance.

**STRATEGIC ALIGNMENT**

The Way we Grow and The Way we Live

**ALTERNATIVES CONSIDERED**

External resources or in-house staff

**COST BENEFITS**

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. Work will be completed as requested during the year or dependent on owner petitions. Private Developers will turn over the drainage facilities to the City as assets upon individual project completion in accordance with the Servicing Agreement.

**KEY RISKS & MITIGATING STRATEGY**

The amount of activity/time charged to this project is driven by the volume of development being brought forward for approval by the development industry.

**RESOURCES**

Resourcing: The current staff resources involved in this initiative are as follows: Design Review, Cost Assessment, Inspection, As-built Recording

**CONCLUSIONS AND RECOMMENDATIONS**

Continue on with the current Review and Approve Developer built Sewers initiative.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Review/inspect developer built sewer****FUNDED**PROFILE NUMBER: **CM-31-9470**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	833	892	955	1,024	-	-	-	-	-	-	3,705
	Current Approved Budget	-	833	892	955	1,024	-	-	-	-	-	-	3,705
	Approved Funding Sources												
	Drainage Retained Earnings	-	333	356	382	410	-	-	-	-	-	-	1,482
	Self-Liquid. Debent.-Land Drg	-	500	536	573	615	-	-	-	-	-	-	2,223
	Current Approved Funding Sources	-	833	892	955	1,024	-	-	-	-	-	-	3,705

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	833	892	955	1,024	-	-	-	-	-	-	3,705
	Requested Funding Source												
	Drainage Retained Earnings	-	333	356	382	410	-	-	-	-	-	-	1,482
	Self-Liquid. Debent.-Land Drg	-	500	536	573	615	-	-	-	-	-	-	2,223
	Requested Funding Source	-	833	892	955	1,024	-	-	-	-	-	-	3,705

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	-	833	892	955	1,024	-	-	-	-	-	-	3,705
	Total	-	833	892	955	1,024	-	-	-	-	-	-	3,705

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRUCTURES REHABILITATION**  
 PROFILE: **CM-31-9503**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,693</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,693</b>

**PROFILE DESCRIPTION**

The Structures Rehabilitation Program ensures an acceptable level of service is maintained in various components of drainage infrastructure. Structures such as outfalls, pump stations, drill drop manholes and trunk sewers deteriorate over time. This program involves the investigation, design and rehabilitation of these existing structures. Projects are located throughout the city. Structures requiring repair or rehabilitation are identified and prioritized based on condition ratings and inspections completed by Drainage Operations.

**PROFILE BACKGROUND**

Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt sewer service to homeowners, and can have a negative impact on the environment. Proactive rehabilitation of outfalls, pump stations, drill drop manholes and trunk sewers reduces costly emergency failures. Structures Rehabilitation has been ongoing on for many years and are rehabilitated on a location by location basis, based on condition inspections or problems identified by Drainage Operations.

**PROFILE JUSTIFICATION**

The Structures Rehabilitation Program maintains an acceptable level of service for citizens through the rehabilitation of drainage infrastructure. It protects persons and property from injury and damage due to roadway subsidence, sewer collapse or raw sewerage spill to the river. Timely repairs are needed to maintain the integrity of the infrastructure and to prevent claims against the City for property damage, public health concerns and possible environmental infractions as well as to protect pedestrian and vehicular traffic from potential roadway collapse and flooding damages. Further deterioration of structures could lead to emergency situations requiring immediate attention at a higher cost.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows Drainage Services to continue to provide a high level of service to the residents by reducing the possibility of flooded basements, loss of service or unnecessary spills to the environment.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at higher risk of eventual failure, potentially causing flooding or environmental infractions, as well as more costly emergency repairs.

**COST BENEFITS**

The long term impact of this project on the operating budget will be positive because the overall condition of the infrastructures will be improved. This will lessen the efforts required to operate, and maintain the infrastructure. There will be a reduction in unpredictable emergency repairs required as a result of the proactive rehabilitation.

**KEY RISKS & MITIGATING STRATEGY**

Non-availability of the required funding will result in further deterioration of pump stations, trunk sewers, outfalls and drill drop manholes. This could potentially cause flooding, property damage and other emergency situations.

**RESOURCES**

No new internal resources will be required by these projects. However many of the projects will require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage infrastructure is aging and many assets are past their useful service life. This program was initiated to extend the life of trunk sewers, outfalls, pump stations and drill drop manholes as they age, on a location by location basis.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Structures Rehabilitation****FUNDED**PROFILE NUMBER: **CM-31-9503**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693
	Current Approved Budget	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693
	Approved Funding Sources												
	Drainage Retained Earnings	-	905	1,092	1,452	1,496	-	-	-	-	-	-	4,945
	Self-Liquid. Debent.-Land Drg	-	895	923	951	979	-	-	-	-	-	-	3,748
	Current Approved Funding Sources	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693
	Requested Funding Source												
	Drainage Retained Earnings	-	905	1,092	1,452	1,496	-	-	-	-	-	-	4,945
	Self-Liquid. Debent.-Land Drg	-	895	923	951	979	-	-	-	-	-	-	3,748
	Requested Funding Source	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,621	1,813	2,163	2,227	-	-	-	-	-	-	7,824
	Design	-	180	201	240	247	-	-	-	-	-	-	869
	Total	-	1,801	2,015	2,403	2,475	-	-	-	-	-	-	8,693

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER REHABILITATION**  
 PROFILE: **CM-31-9504**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,478</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,478</b>

**PROFILE DESCRIPTION**

This initiative is comprised of two sub programs, the Local Sewer Rehabilitation program and the Arterial and Collector Roadway Renewal program. The programs rehabilitate drainage system infrastructure as it ages on a location by location basis. Sewers requiring renewal are determined based on condition ratings, inspections completed by Drainage Operations, and in coordination with arterial or collector roadway reconstruction.

Currently, the renewal is for mainline sewers and includes some manhole's if they are required. Locations are limited to local sewers or sewers in locations of arterial or collector roadway reconstruction work. The drainage renewal work is completed through both relining and open cut. Locations identified as requiring renewal are investigated through CCTV to determine scope of work for each project.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Given the enormous cost of replacement of this infrastructure, proactive renewal needs to occur in the drainage system.

This is a recurring program that has been going on for many years. Currently, two sub programs are ongoing to renew existing infrastructure. Local Sewer Rehabilitation renews local sewers on a location by location basis, depending on condition ratings and issues determined by Drainage Operations. Arterial and Collector Roadways Renewal renews sewers in coordination with locations where arterial or collector reconstruction will be completed.

**PROFILE JUSTIFICATION**

This program maintains existing levels of service for citizens through the upkeep of the sewer infrastructure by rehabilitation and renewal. It protects persons and property from injury and damage due to roadway subsidence or sewer collapse. Timely corrective action prevents further deterioration of sewers which could lead to an emergency situation requiring immediate attention at a higher cost. Sewer rehabilitation in areas of roadway reconstruction provides a timely and cost effective opportunity for sewer rehabilitation and renewal and complies with the City's 3 year no cut policy.

**STRATEGIC ALIGNMENT**

This aligns with the The Way We Live as it reduces the possibility of sewer back-ups due to sewer failure and minimizes disruptions to the public through orderly execution of construction works. It provides a high level of service to residents.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at risk of eventual failure, resulting in costly emergency repairs.

**COST BENEFITS**

The long term impact of this program on the operating budget will be positive because the overall condition of the infrastructures will be improved. This will lessen the efforts required to operate, maintain and repair the aging infrastructure. There will be a reduction in unpredictable emergency repairs required as a result of the renewal. Each sub program within Sewer Rehabilitation requires approx. \$2.4M/year to complete the required renewals.

**KEY RISKS & MITIGATING STRATEGY**

Non-availability of the required funding will result in further deterioration of sewers, leading to more costly and disruptive emergency repairs. It will also lead to the inability to co-ordinate with roadway reconstruction projects.

**RESOURCES**

No new internal resources will be required by this program. However many of the projects will require external resources for both the design and/or construction phases.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Drainage infrastructure is aging and many assets are past their useful service life. This program was initiated to rehabilitate the drainage infrastructure as it ages on a location by location basis, or in coordination with reconstruction projects.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Sewer Rehabilitation****FUNDED**PROFILE NUMBER: **CM-31-9504**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478
	Current Approved Budget	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,384	1,426	1,469	1,513	-	-	-	-	-	-	5,791
	Self-Liquid. Debent.-Land Drg	-	2,076	2,139	2,202	2,269	-	-	-	-	-	-	8,687
	Current Approved Funding Sources	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478
	Requested Funding Source												
	Drainage Retained Earnings	-	1,384	1,426	1,469	1,513	-	-	-	-	-	-	5,791
	Self-Liquid. Debent.-Land Drg	-	2,076	2,139	2,202	2,269	-	-	-	-	-	-	8,687
	Requested Funding Source	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,115	3,208	3,304	3,404	-	-	-	-	-	-	13,030
	Design	-	346	356	367	378	-	-	-	-	-	-	1,448
	Total	-	3,461	3,565	3,671	3,782	-	-	-	-	-	-	14,478

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DRAINAGE NEIGHBOURHOOD RENEWAL**  
 PROFILE: **CM-31-9510**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative: Great Neighbourhoods
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>
	100	35,861
		<b>BUDGET REQUEST:</b>
		-
		<b>TOTAL PROFILE BUDGET:</b>
		35,861

**PROFILE DESCRIPTION**

The Drainage Neighbourhood Renewal Program is focused on the renewal and replacement of existing sanitary and storm sewers on a neighbourhood by neighbourhood basis. Neighbourhoods are chosen based on current condition, as well as in coordination with Neighbourhood Renewal roadway reconstruction neighbourhoods. Each neighbourhood takes 3-4 years, year 1 is for CCTV and design, year 2 and 3 are for open cut and relining, and year 4 may be required to complete the relining work. About 70% of the work is completed through relining (trenchless renewal) which requires little disruption to the pavement. The program runs in coordination with Transportation Services' Neighbourhood Renewal Program and the Great Neighbourhoods Capital Program through the Building Great Neighbourhoods Initiative.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Given the enormous cost of replacement of this infrastructure, proactive renewal needs to occur in the drainage system. The Drainage Neighbourhood Renewal Program is an ongoing long term strategy to address the needs of our drainage infrastructure on a systematic neighbourhood by neighbourhood basis. The program is coordinated with Transportation Services Neighbourhood Renewal Program through the Building Great Neighbourhoods Initiative. Underground drainage infrastructure work is completed ahead of roadway surface work for efficiency and to avoid disturbance of new roads (3 year no cut policy).

**PROFILE JUSTIFICATION**

This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with the roadway Neighbourhood Renewal Program undertaken by Transportation Services. Many sewers in the mature areas of Edmonton are past their expected service life and have deteriorated significantly. Due to this, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. Sewer rehabilitation in neighbourhoods coordinated with roadway renewal projects avoids disruption to newly reconstructed pavement and minimizes inconvenience to citizens.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows the City to provide a high level of service to the residents by reducing the possibility of sewer failure and by minimizing disruptions through orderly execution of construction works.

**ALTERNATIVES CONSIDERED**

One alternative is to do nothing. If nothing is done, drainage infrastructure will be at risk of failure. More costly repairs will result from emergency situations and will require more exemptions from the 3 year no cut policy.

**COST BENEFITS**

The program will have a positive impact on the operating budget due to the reduction in unpredictable emergency repairs required as a result of the renewal. There may also be a reduction of maintenance activities for a period of time once the infrastructure is renewed. Each neighbourhood costs on average \$4.5M to complete. These costs include CCTV, design and construction.

**KEY RISKS & MITIGATING STRATEGY**

To comply with the 3 year no-cut policy for newly re-constructed pavement, Drainage Services strives to match the number of neighbourhoods scheduled for reconstruction each year by Transportation, which is on average six neighbourhoods per year.

**RESOURCES**

No new internal resources will be required by this program. However many of the neighbourhood projects require external resources for possibly both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

This program renews and replaces aging sewer infrastructure on a neighbourhood by neighbourhood basis, in coordination with Transportation Services' Neighbourhood Renewal Program. It is recommended to continue approving funds for this program.

**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

15-41: Transfer funding to offset between cash and debt in 6200 Drainage IT Assets

PROFILE NAME: **Drainage Neighbourhood Renewal****FUNDED**PROFILE NUMBER: **CM-31-9510**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861
	Current Approved Budget	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861
	Approved Funding Sources												
	Drainage Retained Earnings	-	2,924	3,849	3,740	2,921	-	-	-	-	-	-	13,435
	Self-Liquid. Debent.-Land Drg	-	6,600	5,773	5,559	4,494	-	-	-	-	-	-	22,426
	Current Approved Funding Sources	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861
	Requested Funding Source												
	Drainage Retained Earnings	-	2,924	3,849	3,740	2,921	-	-	-	-	-	-	13,435
	Self-Liquid. Debent.-Land Drg	-	6,600	5,773	5,559	4,494	-	-	-	-	-	-	22,426
	Requested Funding Source	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	8,168	6,003	6,186	5,750	-	-	-	-	-	-	26,108
	Design	-	1,357	3,619	3,113	1,665	-	-	-	-	-	-	9,753
	Total	-	9,524	9,622	9,299	7,415	-	-	-	-	-	-	35,861

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD FLOOD PREVENTION**  
 PROFILE: **CM-31-9511**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>21,828</b>
41	59	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>21,828</b>

**PROFILE DESCRIPTION**

This program installs flood prevention measures including stormwater management ponds and diversion sewers to protect the city from future flood events. The Neighbourhood Flood Prevention Projects (9511) was developed in response to the heavy rains which caused flooding and sewer back-ups in more than 4,000 homes in 2004. This program installs flood prevention works to the City's sewer system. The program includes the design and construction of the various flood prevention works, including stormwater management ponds and diversion sewers.

**PROFILE BACKGROUND**

In response to flooding, a Flood Prevention Program was developed for 31 at-risk neighbourhoods following an extensive engineering studies. The resulting Flood Prevention Program was presented to Council in April 2006. A \$146 million capital investment program was outlined to increase the level of service in these neighbourhoods. Since the inception of the program, flood prevention works in 13 neighbourhoods have been constructed with the remaining 18 planned or under way. In addition to the above projects, a stormwater management wet pond project in Hurstwood Estates subdivision in Maple Ridge industrial area has been added to this program. This subdivision is partially developed without a stormwater management facility. The Maple Ridge Area Master Plan (AMP), undertaken by Drainage Services in 2009, identified a need for a stormwater management facility for the purpose of flood protection and water quality improvement in the area.

**PROFILE JUSTIFICATION**

Council direction to extend the flood prevention program to ensure an acceptable level of services is provided to Edmonton neighbourhoods. This program is to meet the City Council's direction for flood prevention. Implementation of the extended flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers. These neighbourhoods experienced moderate to extensive surface flooding and sanitary backups, and significant public and private property damage during intense rainfall events. This program will provide an improved level of flood protection for neighbourhoods. The purpose of these improvements are to reduce the risk of flooding from storm sewers (surface flooding) and sanitary sewers (sanitary backups) up to a 100 year level of flood protection.

**STRATEGIC ALIGNMENT**

The Way we Finance, The Way we Live, The Way we Green

**ALTERNATIVES CONSIDERED**

Large storage tunnel or Underground storage tank

**COST BENEFITS**

It will ensure that an acceptable level of service is provided to Drainage Services customers, and the City's resources are spent in an effective manner and optimized for flood protection purpose. The implementation of this program will continue to strengthen the City's role as a leading watershed steward when it comes to flood control, improving water quality, and environmental health of the watershed.

**KEY RISKS & MITIGATING STRATEGY**

The key risks and constraints of not proceeding with the study are:

- Neighbourhoods will be at- risk of flooding during similar storm events;
- The City will not fulfill the promise to address flooding in at- risk neighbourhoods

**RESOURCES**

External engineering consultants and contractors will be required for engineering and construction of the facilities. To build a successful long-term flood prevention program, there is a need for FTEs to handle the program.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that the flood prevention works in this program be funded as they will provide flood protection against future severe rain events

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood Flood Prevention****FUNDED**PROFILE NUMBER: **CM-31-9511**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828
	Current Approved Budget	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,795	2,577	1,945	1,759	-	-	-	-	-	-	8,076
	Self-Liquid. Debent.-Land Drg	-	3,056	4,389	3,310	2,997	-	-	-	-	-	-	13,752
	Current Approved Funding Sources	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828
	Requested Funding Source												
	Drainage Retained Earnings	-	1,795	2,577	1,945	1,759	-	-	-	-	-	-	8,076
	Self-Liquid. Debent.-Land Drg	-	3,056	4,389	3,310	2,997	-	-	-	-	-	-	13,752
	Requested Funding Source	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,888	530	3,273	3,656	-	-	-	-	-	-	11,348
	Design	-	963	5,905	1,517	1,100	-	-	-	-	-	-	9,486
	Land	-	-	530	464	-	-	-	-	-	-	-	995
	Total	-	4,851	6,966	5,255	4,756	-	-	-	-	-	-	21,828

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SERVICE CONNECTION RENEWAL**  
 PROFILE: **CM-31-9512**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,542</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,542</b>

**PROFILE DESCRIPTION**

The Service Connection Renewal Program will be focused on the renewal and replacement of service connection laterals. The primary objective of this program is to maintain an acceptable level of service and to minimize the number of high cost reactive replacements by proactively identifying problematic locations and attending to them before they become emergency issues. The program could eventually be coordinated with the Drainage Neighbourhood Renewal Program or other programs to maximize efficiencies.

**PROFILE BACKGROUND**

The City of Edmonton operates and maintains over 350,000 service connections. Due to aging and deteriorating infrastructure, Drainage Services receives an average of 10,000 service calls each year related to service connection issues. These calls are to report backups due to collapsed services, root intrusions, or other structural related problems. These issues result in a high frequency of reactive maintenance and an average of 260 service replacements each year. A Service Connection Renewal Program would minimize the number of high cost reactive replacements by proactively identifying problems and addressing them before they become an emergency replacement. In the City of Edmonton, private property owners are responsible for their service connection from the home to the property line. The City is then responsible for the portion from the property line to the connection at the mainline sewer.

**PROFILE JUSTIFICATION**

Many service connections in the mature neighbourhoods of the city are deteriorating, which results in over 10,000 annual service calls to Drainage Services. A long term sustainable Service Connection Renewal Program would be focused on the renewal and replacement of service connection laterals. This program would provide continuous service for residents through the upkeep of the service lateral infrastructure as well as protect persons and property from injury and damage due to service lateral collapse. Timely corrective action prevents further deterioration of services which could lead to an emergency situation requiring immediate attention at a higher cost. Rehabilitation is needed to maintain the integrity of the services to prevent the claims against the City for property damage, public health concerns and possible environmental infractions.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" because it allows Drainage Services to continue to provide a high level of service to the residents by reducing the possibility of sewer back-ups due to service sewer blockages.

**ALTERNATIVES CONSIDERED**

One alternative to this program is to do nothing. If nothing proactive is done, service connections will continue to deteriorate and will be at risk of eventual failure. More costly repairs will result from the emergency situations.

**COST BENEFITS**

The program will have a positive impact on the operating budget due to the reduction in unpredictable emergency repairs required. There will be a reduction of maintenance activities for a period of time once the infrastructure is renewed.

**KEY RISKS & MITIGATING STRATEGY**

The program could be limited by requiring access into private properties to access cleanouts to complete the work. Contractors with the ability to reline from the mainline are being looked at as part of the strategy development.

**RESOURCES**

No new internal resources required by this program at this stage, however some new FTE's may be required once the full program is established. External resources will be required for both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Due to aging and deterioration of service laterals, the City may be vulnerable to unexpected failures that disrupt sewer service to homeowners. This long term sustainable program would systematically renew and replace aging service connections.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Service Connection Renewal****FUNDED**PROFILE NUMBER: **CM-31-9512**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	345	711	732	754	-	-	-	-	-	-	2,542
	Current Approved Budget	-	345	711	732	754	-	-	-	-	-	-	2,542
	Approved Funding Sources												
	Drainage Retained Earnings	-	138	284	293	302	-	-	-	-	-	-	1,017
	Self-Liquid. Debent.-Land Drg	-	207	426	439	452	-	-	-	-	-	-	1,525
	Current Approved Funding Sources	-	345	711	732	754	-	-	-	-	-	-	2,542

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	345	711	732	754	-	-	-	-	-	-	2,542
	Requested Funding Source												
	Drainage Retained Earnings	-	138	284	293	302	-	-	-	-	-	-	1,017
	Self-Liquid. Debent.-Land Drg	-	207	426	439	452	-	-	-	-	-	-	1,525
	Requested Funding Source	-	345	711	732	754	-	-	-	-	-	-	2,542

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	311	640	659	679	-	-	-	-	-	-	2,288
	Design	-	35	71	73	75	-	-	-	-	-	-	254
	Total	-	345	711	732	754	-	-	-	-	-	-	2,542

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGH PRIORITY REPAIR**  
 PROFILE: **CM-31-9520**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>19,822</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>19,822</b>

**PROFILE DESCRIPTION**

This program addresses high priority emergency repairs from Drainage Operations. Emergencies are identified through 311 calls of blockages, flooding, etc. which are then investigated by Drainage Operations. Repairs include sewer laterals (service connections), CB leads, sewers, pumpstations, outfalls, manholes and other drainage infrastructure assets. This initiative is to ensure timely repair of emergency drainage infrastructure situations. These are repairs that need to be undertaken immediately to restore service or to rectify safety and/or environmental issues.

**PROFILE BACKGROUND**

The City of Edmonton owns and operates over 5,600 km of sanitary, storm and combined sewers and over 350,000 sanitary service connections. The average age of the pipes is 43 years, with around 30% of them over 50 years old. Due to aging and deterioration of drainage infrastructure, the City may be vulnerable to unexpected failures that disrupt not only sewer service to homeowners but above-ground activities as well. These failures lead to emergency repairs that are required immediately to restore service to residents of Edmonton.

Each year, emergency situations arise within the drainage infrastructure. This can range from sewer collapse, service connection collapse, outfall safety issues, pumpstation breakdowns, etc. These need to be dealt with on a timely basis in order to restore service to residents, or to rectify urgent safety or environmental concerns.

**PROFILE JUSTIFICATION**

These repairs are emergencies and must be completed to continue to provide service to residents. They may also include emergency repairs due to safety or environmental concerns.

**STRATEGIC ALIGNMENT**

This program aligns with the "The Way We Live" as it allows the City to provide a high level of service to the residents by restoring service in a timely fashion, and by eliminating safety and environmental concerns as quickly as possible.

**ALTERNATIVES CONSIDERED**

As these are emergency situations, alternatives are explored on site just prior to the repair being completed.

**COST BENEFITS**

This program requires funds to carry out emergency repairs to the sewer system. Most of the emergency repairs are undertaken using the open-cut repair method. Since open-cut construction methods generally have higher costs than trenchless rehabilitation methods, the high percentage of open-cut repairs in emergency repairs will result in higher cost for the program. To continue emergency repairs, the program requires approximately \$11.5M per year.

**KEY RISKS & MITIGATING STRATEGY**

Funding is required since failing to respond to emergency repairs is a risk. It could cause flooded basements, collapsed roadways, blocked outfalls, etc.

**RESOURCES**

No new internal resources will be required by this program. However some of the projects may require external resources for both the design and/or construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

Drainage infrastructure is aging and many assets are past their useful service life. Emergency repairs are needed to restore service after a failure, or to rectify safety or environmental concerns.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **High Priority Repair****FUNDED**PROFILE NUMBER: **CM-31-9520**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822
	Current Approved Budget	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,895	1,952	2,011	2,071	-	-	-	-	-	-	7,929
	Self-Liquid. Debent.-Land Drg	-	2,843	2,928	3,016	3,106	-	-	-	-	-	-	11,893
	Current Approved Funding Sources	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822
	Requested Funding Source												
	Drainage Retained Earnings	-	1,895	1,952	2,011	2,071	-	-	-	-	-	-	7,929
	Self-Liquid. Debent.-Land Drg	-	2,843	2,928	3,016	3,106	-	-	-	-	-	-	11,893
	Requested Funding Source	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822
	Total	-	4,738	4,880	5,027	5,177	-	-	-	-	-	-	19,822

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CREEK EROSION PROTECTION**  
 PROFILE: **CM-31-9604**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>13,802</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>13,802</b>

**PROFILE DESCRIPTION**

Implement appropriate creek erosion protection due to increased runoff from urban development. Local remediation and investigation of drainage problems caused by overland flows, ensure that the existing system is functioning as intended. This project seeks to implement appropriate creek erosion protection works due to increased runoff originated from urban development and address overland drainage problems throughout the city as they arise. This is a composite program to implement erosion protection works at a number of locations along the Whitemud/Blackmud Creeks, Mill Creek, Fulton Creek, Gold Bar Creek, Wedgewood Creek and Horsehills Creek.

**PROFILE BACKGROUND**

The Creek Erosion Protection Program has been established to solve overland drainage issues and implement creek erosion protection works throughout the City. The program will investigate, evaluate and carry out overland drainage remedial works and implement creek protection works due to increased runoff originating from urban development. It is proposed to implement creek erosion protection projects at a number of locations along the Whitemud/Blackmud Creeks, Mill Creek, Fulton Creek, Gold Bar Creek, Wedgewood Creek and Horsehills Creek. Any additional increased runoff volume will exacerbate the current conditions and can impact the uses of the natural areas abutting the creeks and also contribute to total loading of solids to the North Saskatchewan River.

**PROFILE JUSTIFICATION**

The proposed projects will reduce hazards due to erosion, prevent costly emergency repairs, reduce total loading to the North Saskatchewan River and serve to protect, enhance and improve the City's natural environment. Implementation of the erosion protection works will also fulfill the requirements of collecting Storm Permanent Area Contribution (PAC) from the development industry. Usually the City receives 35-40 complaints every year regarding flooding issues and unsafe conditions resulting from overland flows. Citizens' complaints of surface flooding and erosion caused by rainfall and snowmelt have to be investigated, prioritized and addressed. Flooding and erosion hazards to the public include direct flooding, traffic problems due to street inundation and route blockage, and potential structural damage.

**STRATEGIC ALIGNMENT**

The program is consistent with and complements the City's overall goal of environmental protection as articulated in The Way Ahead, The Way We Live, The Way We Green, The Way We Finance

**ALTERNATIVES CONSIDERED**

- 1) Do nothing
- 2) Review potential projects and implement according to highest priority (proposed).
- 3) Install flow monitors, but defer projects.

**COST BENEFITS**

This program will provide flood protection and correct unsafe conditions resulting from overland flows, thus providing a safer and cleaner environment. The program will fulfill the goals to protect, enhance, and improve the City's natural environment. Moreover, the program will ensure that an acceptable overland drainage is provided to citizens.

**KEY RISKS & MITIGATING STRATEGY**

The key risks of not proceeding are: increased sediment transport to the river, more frequent expensive emergency repairs, reduced structural integrity of roadways and property, recreational use of the creek valley system will be affected.

**RESOURCES**

Internal resources will be used to investigate and implement overland drainage projects. For creek erosion projects, external engineering consultants and contractors are required for design and construction.

**CONCLUSIONS AND RECOMMENDATIONS**

The Creek Erosion Protection program will investigate, evaluate and carry out overland drainage remedial work to address complaints from citizens and implement creek protection works due to increased runoff originating from urban development.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Creek Erosion Protection****FUNDED**PROFILE NUMBER: **CM-31-9604**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802
	Current Approved Budget	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802
	Approved Funding Sources												
	Developer Financing	-	1,030	1,061	1,093	1,126	-	-	-	-	-	-	4,309
	Drainage Retained Earnings	-	865	891	1,005	1,035	-	-	-	-	-	-	3,797
	Self-Liquid. Debent.-Land Drg	-	1,298	1,337	1,508	1,553	-	-	-	-	-	-	5,696
	Current Approved Funding Sources	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802
	Requested Funding Source												
	Developer Financing	-	1,030	1,061	1,093	1,126	-	-	-	-	-	-	4,309
	Drainage Retained Earnings	-	865	891	1,005	1,035	-	-	-	-	-	-	3,797
	Self-Liquid. Debent.-Land Drg	-	1,298	1,337	1,508	1,553	-	-	-	-	-	-	5,696
	Requested Funding Source	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,947	2,005	2,262	2,330	-	-	-	-	-	-	8,544
	Design	-	216	223	251	259	-	-	-	-	-	-	949
	Land	-	1,030	1,061	1,093	1,126	-	-	-	-	-	-	4,309
	Total	-	3,193	3,289	3,606	3,714	-	-	-	-	-	-	13,802

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EXPANDED NEIGHBOURHOOD FLOOD MITIGATION**  
 PROFILE: **CM-31-9611**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
50

RENEWAL
50

PREVIOUSLY APPROVED:	60,090
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	60,090
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**PROFILE DESCRIPTION**

Program developed to address flooding issues in south Edmonton, upgrading of storm and sanitary pipes and SWMF ponds, new storage sewers and sealing of manholes improving overland drainage routes. The Expanded Neighbourhood Flood Mitigation Program was developed in response to the heavy rains which caused flooding and sewer back-ups in Mill Woods, Southwest Edmonton and Millbourne in 2012. To reduce the risk of future flooding in these areas, a number of improvement projects including upgrading existing storm and sanitary sewer pipes and stormwater management ponds, building new storage sewers, sealing a number of manholes in trapped low areas, improving overland drainage routes, and constructing new stormwater management dry ponds are proposed.

**PROFILE BACKGROUND**

Heavy rains caused flooding and sewer backup in more than 1,200 homes city-wide. Neighbourhoods in Mill Woods and southwest Edmonton were heavily impacted. Many of these neighbourhoods also experienced severe flooding in 2004. Since 2006, a number of projects have been completed in southwest Edmonton and Mill Woods to reduce the risk of flooding. However, these neighbourhoods are still at risk of flooding. Some of the neighbourhoods do not have defined major drainage systems as they were constructed prior to the implementation of the dual storm drainage system requirement for both major (surface) and minor (piped) drainage system, which was introduced in the late 1980's. In addition, the sanitary systems have limited capacities.

**PROFILE JUSTIFICATION**

Council directed flood prevention to protect citizens and property from further flood events. This program is to meet the City Council's direction for flood prevention. Implementation of the extended flood prevention program will ensure that an acceptable level of service is provided to Drainage Services customers.

**STRATEGIC ALIGNMENT**

This program is consistent with and complements the City's overall goals for environmental protection as articulated in The Way Ahead, and contributes to The Way we Live, The Way we Green, The Way we Finance

**ALTERNATIVES CONSIDERED**

Large storage tunnel or underground storage tank

**COST BENEFITS**

The drainage improvements will benefit 24 neighbourhoods. It will also ensure that an acceptable level of service is provided to Drainage Services customers, and the City's resources are spent in an effective manner and optimized for flood protection purpose.

**KEY RISKS & MITIGATING STRATEGY**

- Neighbourhoods will be at-risk of flooding during similar storm events;
- The City will not fulfill the promise to address flooding in at-risk neighbourhoods

**RESOURCES**

External engineering consultants and contractors will be required for engineering and construction of the facilities. Administration will assess and look at developing in-house construction team.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that the flood prevention works in this program be funded as they will provide flood protection against future severe rain events.

**CHANGES TO APPROVED PROFILE**

15-41: Transfer funding to offset between cash and debt in 6130 Drainage Construction & Equipment

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Expanded Neighbourhood Flood Mitigation****FUNDED**PROFILE NUMBER: **CM-31-9611**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090
	Current Approved Budget	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090
	Approved Funding Sources												
	Drainage Retained Earnings	-	3,616	4,978	5,539	7,531	-	-	-	-	-	-	21,664
	Self-Liquid. Debent.-Land Drg	-	7,695	8,477	9,431	12,823	-	-	-	-	-	-	38,426
	Current Approved Funding Sources	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090
	Requested Funding Source												
	Drainage Retained Earnings	-	3,616	4,978	5,539	7,531	-	-	-	-	-	-	21,664
	Self-Liquid. Debent.-Land Drg	-	7,695	8,477	9,431	12,823	-	-	-	-	-	-	38,426
	Requested Funding Source	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	10,752	13,078	11,933	17,087	-	-	-	-	-	-	52,850
	Design	-	559	377	3,038	3,266	-	-	-	-	-	-	7,240
	Total	-	11,311	13,454	14,970	20,354	-	-	-	-	-	-	60,090

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **OPPORTUNISTIC FLOOD PREVENTION**  
 PROFILE: **CM-31-9612**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2021**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,156</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,156</b>

**PROFILE DESCRIPTION**

Land acquisition and construction of dry ponds as the opportunities present themselves. This program consists of land acquisitions of surplus school sites, design and construction of stormwater management dry ponds for the purpose of flood prevention. This is a proactive program established with the objective of improving the level of service to today's servicing standards and ensuring that a properly designed major system is in place to safely store flows in excess of minor system.

**PROFILE BACKGROUND**

The projects identified in this program originated from feasibility studies completed in 2010, which evaluated strategic locations for implementing flood mitigation measures at a number of surplus school sites. Sites at Newton, Queen Mary Park, Bellevue, Dovercourt, McQueen and Prince Rupert neighbourhoods were recommended for the development of stormwater management facilities to improve the level of service to today's servicing standards and to ensure that properly designed major system is in place to safely store flows in excess of the minor system. This proactive program is therefore based on the availability of suitable surplus school sites. These neighbourhoods have no defined major drainage system as they were constructed prior to the implementation of the dual storm drainage system requirement for both major (surface) and minor (piped) drainage system, which was introduced in the late 1980's.

**PROFILE JUSTIFICATION**

The combined sewers carry both sanitary and storm flows in the same sewer pipe and typically were designed to a lower level of service than the separated sanitary and storm sewer serviced neighbourhoods. A significant portion of the combined sewers has a less than 1 in 5 year service levels. These neighbourhoods also have several low trapped/sag areas with no outlet for the surface water to drain away. The surface flooding in these trapped low areas can inundate the sanitary sewer systems and cause sanitary sewer lines to be filled beyond capacity. These areas therefore have higher risk of basement flooding and private property damage in the event of major storms. It is expected that in the event of an unusual storm flows exceeding the capacity of the sewer pipes, the engineered ponds will store the excess flows. If these projects are not implemented, the city will miss the opportunity to retrofit ponds for drainage relief and provide partial sewer separation in these neighbourhoods.

**STRATEGIC ALIGNMENT**

The Way we Live, The Way we Green, and The Way we Finance

**ALTERNATIVES CONSIDERED**

1. Smaller dry pond with storage tunnel
2. Large storage tunnel
3. Underground storage tank
4. Small and shallow dry pond 3 with storage tank

**COST BENEFITS**

The proposed facilities will improve the drainage system in each neighbourhood. It will also ensure that an acceptable level of service is provided to Drainage Services customers, and the City's resources are spent in an effective manner and optimized for flood protection purpose.

**KEY RISKS & MITIGATING STRATEGY**

The key risks and constraints of not proceeding with the study are:

- Neighbourhoods will be at-risk of flooding during similar storm events;
- The City will not fulfill the promise to address flooding in at-risk neighbourhoods

**RESOURCES**

External engineering consultants and contractors will be required for engineering and construction of the facilities. To build a successful long-term flood prevention program, there is a need for FTEs to handle the program.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that the proposed flood prevention works be funded. These facilities will provide the areas with flood protection that may result from sewer back-up and street flooding during severe rain events.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Opportunistic Flood Prevention****FUNDED**PROFILE NUMBER: **CM-31-9612**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	5,356	-	-	-	-	-	-	-	-	-	5,356
	2015 Cap Council	-	6,800	-	-	-	-	-	-	-	-	-	6,800
	Current Approved Budget	-	12,156	-	-	-	-	-	-	-	-	-	12,156
	Approved Funding Sources												
	Drainage Retained Earnings	-	8,942	-	-	-	-	-	-	-	-	-	8,942
	Self-Liquid. Debent.-Land Drg	-	3,214	-	-	-	-	-	-	-	-	-	3,214
	Current Approved Funding Sources	-	12,156	-	-	-	-	-	-	-	-	-	12,156

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	12,156	-	-	-	-	-	-	-	-	-	12,156
	Requested Funding Source												
	Drainage Retained Earnings	-	8,942	-	-	-	-	-	-	-	-	-	8,942
	Self-Liquid. Debent.-Land Drg	-	3,214	-	-	-	-	-	-	-	-	-	3,214
	Requested Funding Source	-	12,156	-	-	-	-	-	-	-	-	-	12,156

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	12,156	-	-	-	-	-	-	-	-	-	12,156
	Total	-	12,156	-	-	-	-	-	-	-	-	-	12,156

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LID CAPITAL DEMONSTRATION PROJECTS**  
 PROFILE: **CM-31-9616**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	1,130
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,130
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**PROFILE DESCRIPTION**

This LID demonstration will develop various LID BMPs projects in different land use types on City owned properties and public right-of-way to demonstrate that LID works if designed, constructed, and maintained properly in Edmonton. The trend of LID implementation in Edmonton is that it started at lot scale and is currently moving toward community scale. As LID practices on private properties will be a significant amount at community-scale application, this LID demonstration also expects to collaborate with external stakeholders to develop a project on a private property. A few of the demonstration projects may be monitored for a long-term over ten years. It is anticipated to develop minimum one demonstration project yearly from 2016 to 2018.

**PROFILE BACKGROUND**

Low Impact Development (LID) is a land development and stormwater management approach that simulates natural hydrologic cycle to manage stormwater close to its sources. The main stormwater objectives of LID applications include water quality improvement, volume reduction, and flow rate attenuation. The community and watershed scale application of LID contribute to biodiversity, improved air quality, and reduced urban heat island impact. Through slowing down storm runoff and soaking it into ground, LID compensates for conventional stormwater management systems to manage water quality and protect aquatic health. LID is an integral component of integrated stormwater management system for managing the full spectrum of all rainfall events.

**PROFILE JUSTIFICATION**

LID is an identified initiative by the City's Stormwater Quality Strategy to improve stormwater management. Implementation of LID is committed to Alberta Environment and Sustainable Resources Development under the Total Loadings Plan required by the City's Approval to Operate No. 639-02-07. LID implementation aligns with Drainage Services' River for Life. More specifically, the Green Infrastructure Program of River for Life recommended undertaking demonstration projects over ten years. It is also an approach to manage combined sewer discharge (Combined Sewer Discharge Strategy, 2012). LID supports directly The Way We Green and The Way We Grow.

**STRATEGIC ALIGNMENT**

LID is an identified initiative by the City's Stormwater Quality Strategy to improve stormwater management. This project directly supports The Way We Green and the Way We Grow

**ALTERNATIVES CONSIDERED**

a) projects from other municipalities of similar climate conditions as case studies to help resolve the challenges that we are facing (b) implement citywide LID implementation without doing LID demonstration projects. The are not viable alternatives

**COST BENEFITS**

The water quality of storm runoff that filters through LID facilities is improved.  
 The storm runoff volume from the contributing catchment area is reduced.  
 Portable water consumption is reduced if storm water is used instead for irrigation.

**KEY RISKS & MITIGATING STRATEGY**

Lack of primary stakeholder engagement-engage at planning stage  
 Lack of knowledge and experience designing, constructing, and maintaining LID-Planning to provide support  
 Insufficient internal resources - use external resources as needed

**RESOURCES**

The resourcing options include internal design and/or consultant design & construction. Use of consulting services will follow City's PSA process

**CONCLUSIONS AND RECOMMENDATIONS**

To adapt LID into Edmonton's climate and stormwater management system, LID demonstration projects are strongly needed to understand and resolve the challenges and issues we are facing



**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

15-41: Moving the carried forward amount of prior year for 12-23/31-9616 - Environmental Enhancement Projects) to the newly approved project (CM-31-9616 - Environmental Enhancement Projects)

PROFILE NAME: **LID Capital Demonstration Projects****FUNDED**PROFILE NUMBER: **CM-31-9616**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	155	212	219	225	-	-	-	-	-	-	810
	2015 Cap Administrative	-	320	-	-	-	-	-	-	-	-	-	320
	Current Approved Budget	-	475	212	219	225	-	-	-	-	-	-	1,130
	Approved Funding Sources												
	Drainage Retained Earnings	-	382	85	87	90	-	-	-	-	-	-	644
	Self-Liquid. Debent.-Land Drg	-	93	127	131	135	-	-	-	-	-	-	486
	Current Approved Funding Sources	-	475	212	219	225	-	-	-	-	-	-	1,130

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	475	212	219	225	-	-	-	-	-	-	1,130
	Requested Funding Source												
	Drainage Retained Earnings	-	382	85	87	90	-	-	-	-	-	-	644
	Self-Liquid. Debent.-Land Drg	-	93	127	131	135	-	-	-	-	-	-	486
	Requested Funding Source	-	475	212	219	225	-	-	-	-	-	-	1,130

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	428	149	153	158	-	-	-	-	-	-	887
	Design	-	31	42	44	45	-	-	-	-	-	-	162
	Other Costs	-	15	21	22	23	-	-	-	-	-	-	81
	Total	-	475	212	219	225	-	-	-	-	-	-	1,130

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENVIRONMENTAL & COLLECTION SYSTEM MONITORING****FUNDED**PROFILE **CM-31-9620**PROFILE STAGE: **Post Budget Approval**DEPARTMENT: **Financial Services & Utilities - Utilities**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**PROFILE MANAGER: **Chris Ward**

PROGRAM NAME:

LEAD BRANCH MANAGER:

LEAD BRANCH:

ESTIMATED START: **January, 2015**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2018**Service Category: **Utilities**

Major Initiative:

**GROWTH****RENEWAL****55****45**

PREVIOUSLY APPROVED:

**850**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**850****PROFILE DESCRIPTION**

Purchase of equipment and infrastructure to support sewer flow, level, water quality and rainfall monitoring including new technology and replacement of equipment as needed. Maintenance, repair, and life cycle replacement of existing equipment  
 Incorporation of new monitoring technology  
 Design and Construction charges for new monitoring infrastructure  
 Out of Scope: software (database), labour, communication charges (phone)

**PROFILE BACKGROUND**

Edmonton is a growing, developing city yet also with aging sewer infrastructure. There are numerous projects both ongoing and forthcoming related to this, necessitating informed and more accurate and cost-effective decisions and designs regarding Edmonton's sewerage infrastructure design and rehabilitation. Stringency of Federal and Provincial mandated environmental reporting and ISO14001 continuous improvement are also creating an increasing demand and need for data and better quality data. The current monitoring program is limited by existing, old technology and unable to meet demand without efficiencies created by capital improvements or, alternatively, increased staffing, and much equipment is due for replacement. This capital budget is also essential for current operation of the System Monitoring group's mandate.

**PROFILE JUSTIFICATION**

Improved efficiencies created by capital improvements to the monitoring network will allow for increased capacity to meet growing demand and better data quality. More frequent, automated collection allows for quicker detection and repair of problems, and quicker supply of higher quality data to stakeholders. New methods of monitoring such as rainfall radar will better address flooding assessments and modelling, and in a more timely manner. Stringency of Federal and Provincial mandated environmental reporting and ISO14001 continuous improvement are also creating an increasing demand and need for data and better quality data. The current monitoring program is limited by existing, old technology and unable to meet demand without efficiencies created by capital improvements or, alternatively, increased staffing, and much equipment is due for replacement. This capital budget is essential for current operation of the System Monitoring group's mandate.

**STRATEGIC ALIGNMENT**

The Way we Green, The Way we Grow and the Way we Finance

**ALTERNATIVES CONSIDERED**

Internal labour crews or external contractors

**COST BENEFITS**

operation of the monitoring program  
 better quality and availability of data on sewerage system  
 ability to meet regulatory reporting requirements

**KEY RISKS & MITIGATING STRATEGY**

Risks are associated with maintaining the status quo: inability to meet growing demand for monitoring locations and data quality, need to increase staffing levels, less accuracy and cost-effectiveness in supported projects

**RESOURCES**

Purchasing will be done within the standards set out by Materials Management. Design and Construction follow standards regarding hiring contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

Benefits are improved cost-effectiveness and function of these sewerage system improvements, which has potentially very high return on this investment, and ability to maintain staffing at current level and improve their safety.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Environmental & Collection System Monitoring****FUNDED**PROFILE NUMBER: **CM-31-9620**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	219	226	200	205	-	-	-	-	-	-	850
	Current Approved Budget	-	219	226	200	205	-	-	-	-	-	-	850
	Approved Funding Sources												
	Drainage Retained Earnings	-	88	90	80	82	-	-	-	-	-	-	340
	Self-Liquid. Debent.-Land Drg	-	131	136	120	123	-	-	-	-	-	-	510
	Current Approved Funding Sources	-	219	226	200	205	-	-	-	-	-	-	850

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	219	226	200	205	-	-	-	-	-	-	850
	Requested Funding Source												
	Drainage Retained Earnings	-	88	90	80	82	-	-	-	-	-	-	340
	Self-Liquid. Debent.-Land Drg	-	131	136	120	123	-	-	-	-	-	-	510
	Requested Funding Source	-	219	226	200	205	-	-	-	-	-	-	850

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	49	51	45	46	-	-	-	-	-	-	192
	Design	-	6	6	5	5	-	-	-	-	-	-	22
	Equip FurnFixt	-	164	169	150	153	-	-	-	-	-	-	636
	Total	-	219	226	200	205	-	-	-	-	-	-	850

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BIOSOLIDS FACILITIES RENEWAL**  
 PROFILE: **CM-31-9623**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Chris Ward**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2018**

Service Category: <b>Utilities</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>318</b>
<b>24</b>	<b>76</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>318</b>

**PROFILE DESCRIPTION**

1-installing two more eNoses at the lagoons, this project is to increase locations to measure and monitor the odours that are generated in the Waste Management Services and lagoons. The scope of the work is to install 2 more eNoses at the Clover bar Lagoons. Drainage Services is proposing to install the two extra eNoses in 2015 and 2016 with a total estimated cost of \$100,000. Waste Management Services through Odotech will install and monitor the work. 2-removing the existing fence and installing a new one around the Bremner lagoons. 3-renew the current assets at the Clover Bar lagoons. 4-Geotextile dewatering bags are used for large scale dewatering of biosolids. This is a low tech, low cost alternative to using mechanical dewatering using geo-textile to filter the liquid from solids at the Clover Bar lagoons. The potential use of geobags for biosolids dewatering will be assessed in a pilot study and economical analysis.

**PROFILE BACKGROUND**

The Clover Bar and Bremner lagoons are facilities meant to manage biosolids. This business case contains 4 projects that will support the ongoing biosolids management program. 1-The Enoses will help manage odour issues at the Clover Bar lagoons. 2- The fence renewal at Bremner will increase site security. 3- The Clover Bar rehabilitation will ensure the storage lagoon remains a usable asset. 4- The geotextiles dewatering project will address the large historical solids inventory. The 4 projects total an estimated \$11,150,000.

**PROFILE JUSTIFICATION**

1-Due to the large number of odour complaints Odotech Inc. was retained. The OdoWatch continuous odour measurement and monitoring system uses strategically located eNoses enabling designated City staff to quantify and monitor odour emissions from the facilities at the Waste Management Centre. 2-Repeated incidents with the current fencing has led Drainage Services to propose replacing the existing fence with a more durable type to improve site security. 3- There are existing assets in the lagoons such as; pipelines, valves, chambers, decant structures and etc. that need to be renewed in order to function more efficiently. 4- this project has the potential to significantly remove the solids content in cell #5. The geobags has been extensively used for wastewater treatment for dewatering purposes. This is a low tech, low cost alternative to using mechanical dewatering using geo-textile to filter the liquid from solids at the Clover Bar lagoons.

**STRATEGIC ALIGNMENT**

The Way Ahead and The Way we Green

**ALTERNATIVES CONSIDERED**

Do nothing, ongoing repair, asset replacement

**COST BENEFITS**

1. The estimated cost is \$100,000 for the range of two years window 2015 and 2016. 2- The estimated cost is \$550,000 for the 2016. 3-The estimated cost is \$2,000,000 over two years 2015 and 2016. 4-The status quo costs nothing, but will not reduce cell #5 inventory. Alternative 1-is estimated at \$8,500,000 over a 3 year period, including \$1M for cell #1 preparations. Alternative 2-Third party Alternative 3- Using existing dewatering,

**KEY RISKS & MITIGATING STRATEGY**

1-Locating the eNoses correctly on site is critical to the success of the project. 2-No risks identified. 3-erosion of the berms due to excavating and work around the lagoons. 4- bench scale and field testing of the geotextile concept.

**RESOURCES**

1-The funds should be from the sanitary budget. 2-The funds should be from the sanitary budget. 3-The funds should be from the sanitary budget. 4-The funds would come from existing biosolids program or require additional resources

**CONCLUSIONS AND RECOMMENDATIONS**

1-2 more eNoses at the Clover Bar Lagoons. 2-to remove the existing fence and install a one to enhance the safety at the Bremner Lagoons. 3 - to replace/rehabilitate the existing assets 4-proceeding on the basis that the testing confirms viability.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Biosolids Facilities Renewal****FUNDED**PROFILE NUMBER: **CM-31-9623**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	103	106	109	-	-	-	-	-	-	-	318
	Current Approved Budget	-	103	106	109	-	-	-	-	-	-	-	318
	Approved Funding Sources												
	Drainage Retained Earnings	-	41	42	44	-	-	-	-	-	-	-	127
	Self-Liquid. Debent.-Land Drg	-	62	64	66	-	-	-	-	-	-	-	191
	Current Approved Funding Sources	-	103	106	109	-	-	-	-	-	-	-	318

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	103	106	109	-	-	-	-	-	-	-	318
	Requested Funding Source												
	Drainage Retained Earnings	-	41	42	44	-	-	-	-	-	-	-	127
	Self-Liquid. Debent.-Land Drg	-	62	64	66	-	-	-	-	-	-	-	191
	Requested Funding Source	-	103	106	109	-	-	-	-	-	-	-	318

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	54	66	56	-	-	-	-	-	-	-	175
	Design	-	49	40	54	-	-	-	-	-	-	-	143
	Total	-	103	106	109	-	-	-	-	-	-	-	318

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RIVER FOR LIFE**  
 PROFILE: **CM-31-9640**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,039</b>
50	50	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,039</b>

**PROFILE DESCRIPTION**

This strategy will lay the groundwork for water quality improvement projects on the 30-year horizon. Led by Drainage Services, a strategic framework was created followed by implementation plans. The implementation plans includes four processes and five programs that lay the groundwork for how River for Life will be implemented after the strategy is completed. In 2014, an adaptive management process, triple bottom line process, and funding strategy will be developed in order to ensure that the strategy is sustainable in the long term. Projects that may develop out of this strategy include grey infrastructure and green infrastructure as well as upgrades to the Gold Bar wastewater treatment plant. City operations may also be analyzed for any possible water quality improvement. Partnerships with other organizations that share the same goals as River for Life strategy will also be developed and reinforced to broaden the target audience.

**PROFILE BACKGROUND**

River for Life is the City's 30-year water quality strategy to reduce pollutant discharge in the wastewater, stormwater and combined sewer systems. A focus of the last approval to operate issued by Alberta Environment and Sustainable Resource Development was on long term pollution reduction strategies. The next operating approval will be issued in 2015. As with the last approval, pollutant loading and continuous improvement will be a theme throughout. As we are transitioning to a maximum allowable load (MAL) regulatory regime, the City can be expected to move forward on a 'maintain or improve' philosophy as it relates to our discharges. If work does not proceed on the River for Life strategy, and no improvements made, we could expect more pressure from the regulator to improve on our discharges when the MAL regulations come out, there will be a larger gap to close between where the City will be and where the City has to go.

**PROFILE JUSTIFICATION**

River for Life is the City's 30-year water quality strategy to reduce pollutant discharge in the wastewater, stormwater and combined sewer systems, pollutant loading and continuous improvement will be a theme throughout. As we are transitioning to a maximum allowable load (MAL) regulatory regime, the City can be expected to move forward on a 'maintain or improve' philosophy as it relates to discharges. If work does not proceed on the River for Life strategy, and no improvements made, we could expect pressure from the regulator to improve on our discharges when the MAL regulation come out. River for Life is also a strategy that demonstrates the City of Edmonton is an environmental leader when it comes to one of our City's greatest resources, the North Saskatchewan River. Long term measures that will show the results of projects built include our volume of CSO discharged as well as the contaminant loading to the river.

**STRATEGIC ALIGNMENT**

The River for Life strategy is an implementation plan under The Way We Green and maintains that Edmonton is an environmental leader on the world stage.

**ALTERNATIVES CONSIDERED**

This project covers all of the water quality improvement projects. By covering the entire spectrum of projects, the only alternative to this profile will be the do nothing alternative. With regulatory requirements, this will not be an option.

**COST BENEFITS**

The goal of the River for Life strategy will be to reduce the impact from discharges in to the North Saskatchewan River. The river is a very important natural resource for the City, Province, and Country. Projects that will be identified through the strategy will have the potential to positively impact a number of other city strategies.

**KEY RISKS & MITIGATING STRATEGY**

Cost will be a risk with water quality improvement programs and projects. Mitigating factors would be to get the projects in the budget early and to educate decision makers on the strategy.

**RESOURCES**

Construction work will most likely be conducted by contractors. There will be an ongoing project management role by Drainage Planning to track project status as well as to track the success of the projects in the context of the strategy.

**CONCLUSIONS AND RECOMMENDATIONS**

Projects that will be identified have the potential to positively impact a number of other city strategies. Green infrastructure can help provide habitat and increase biodiversity as well as reduce the heat island effect caused by cities.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **River for Life****FUNDED**PROFILE NUMBER: **CM-31-9640**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039
	Current Approved Budget	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039
	Approved Funding Sources												
	Drainage Retained Earnings	-	-	-	529	687	-	-	-	-	-	-	1,215
	Self-Liquid. Debent.-Land Drg	-	-	-	793	1,030	-	-	-	-	-	-	1,823
	Current Approved Funding Sources	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039
	Requested Funding Source												
	Drainage Retained Earnings	-	-	-	529	687	-	-	-	-	-	-	1,215
	Self-Liquid. Debent.-Land Drg	-	-	-	793	1,030	-	-	-	-	-	-	1,823
	Requested Funding Source	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	1,190	1,545	-	-	-	-	-	-	2,735
	Design	-	-	-	132	172	-	-	-	-	-	-	304
	Total	-	-	-	1,322	1,716	-	-	-	-	-	-	3,039

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMBINED SEWER OVERFLOW CONTROL**  
 PROFILE: **CM-31-9702**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Chris Ward**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,166</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,166</b>

**PROFILE DESCRIPTION**

The City is responsible for developing and implementing a plan to control combined sewer overflows (CSOs), as outlined in the City's Approval-to-Operate. CSO Control Projects are part of the CSO Control Strategy for long term control measures to reduce CSOs to the river. These projects involve modification of existing CSO control structures to retain more flows in the combined sewers, reducing both frequency and volume of CSOs and more wet weather combined flows will be transferred to the treatment plant. The performance objectives of the overall CSO Control Strategy are to increase average annual capture and treatment of wet weather flows from 56% to 86% and decrease average annual occurrences of CSOs from 89% to 46%. Modifications at 2 CSO sites have been completed and 6 CSO sites are expected to be completed in 2014. The Mill Creek CSO site will be under construction in 2015. The Rat Creek CSO site weir modification will be completed once the W12 and RTC #3 gates are in operation.

**PROFILE BACKGROUND**

The City has an area of approximately 4,270 ha serviced by the combined sewer system and consists of about 930 km of sewers. This combined area covers about 43 neighbourhoods that are serviced in varying degrees by the combined sewer system. Edmonton's combined sewer system overflows through 18 CSO sites which were identified to be one of the sources of bacteria that cause in-stream river levels to exceed water quality criteria for primary contact recreation.

The Combined Sewer Overflow Control Projects program is one of the major components of the Combined Sewer Overflow (CSO) Control Strategy to improve the water quality in the river by reducing and controlling the release of untreated wastewater from combined sewer overflows. The CSO Control Strategy involves projects that will provide optimization of the existing sewerage system, storage and treatment of wet weather flows, opportunistic sewer system separation, weir modification and increased system conveyance capacity.

**PROFILE JUSTIFICATION**

Alberta Ministry of Environment and Sustainable Resource Development expect the City of Edmonton to develop and implement a plan to control combined sewer overflows, as outlined in the City's Approval-to-Operate (No. 639-02-07) under the Environmental Protection and Enhancement Act. Combined Sewer Overflow Control Projects are part of the CSO Control Strategy for long term control measures to reduce combined sewer overflows to the North Saskatchewan River. CSO site modifications are very cost effective as compared to total separation of the combined sewer system.

**STRATEGIC ALIGNMENT**

The implementation of Combined Sewer Overflow Control Projects aligns with "The Way We Green" as they reduce CSO's to the river and reduce the impact of the drainage system operation on the environment.

**ALTERNATIVES CONSIDERED**

One alternative is total separation of the combined system. Complete separation of the City of Edmonton's combined system is very costly (~ \$2 – \$3 billion) and will result in unacceptable level of public disruption.

**COST BENEFITS**

This initiative reduces the volume and frequency of untreated CSOs to the North Saskatchewan River (NSR) and protects water quality. It helps to fulfill the regulatory requirements that the City is expected to develop and implement a plan to control combined sewer overflows, as outlined in the City's Approval-to-Operate (No. 639-02-07) under the Environmental Protection and Enhancement Act.

**KEY RISKS & MITIGATING STRATEGY**

Raising weir elevations to retain more flows in trunks could result in flow backup so careful optimization is needed not to create the risk of sewer backup and flooding. Sewer odour emissions are also a risk from certain modification projects.

**RESOURCES**

No new internal resources will be required by this initiative. However, projects may require external resources for both the design and construction phases.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

More wet weather combined flow can be retained in the combined system through optimization of the existing CSO sites, which can then be treated before being discharged to the river. This initiative is cost effective and these projects are recommended.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Combined Sewer Overflow Control****FUNDED**PROFILE NUMBER: **CM-31-9702**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Current Approved Budget	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Approved Funding Sources												
	Drainage Retained Earnings	-	1,030	637	-	-	-	-	-	-	-	-	1,667
	Self-Liquid. Debent.-Land Drg	-	1,545	955	-	-	-	-	-	-	-	-	2,500
	Current Approved Funding Sources	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166
	Requested Funding Source												
	Drainage Retained Earnings	-	1,030	637	-	-	-	-	-	-	-	-	1,667
	Self-Liquid. Debent.-Land Drg	-	1,545	955	-	-	-	-	-	-	-	-	2,500
	Requested Funding Source	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,803	-	-	-	-	-	-	-	-	-	1,803
	Design	-	773	1,591	-	-	-	-	-	-	-	-	2,364
	Total	-	2,575	1,591	-	-	-	-	-	-	-	-	4,166

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SEWER SYSTEM UPGRADING**  
 PROFILE: **CM-31-9703**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Stormwater Utility**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Chris Ward
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>13,655</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>13,655</b>

**PROFILE DESCRIPTION**

This program will increase the capacity of the City's sewer systems and minimize capacity constraints. It aims to improve the level of service by reducing the impacts of large rainfall events, minimizing the risk of sewer backup and surface flooding in all the 255 mature neighbourhoods built prior to 1989. Project works include the design and construction of hydraulic upgrades in 2 - 4 neighbourhoods every year. The Sewer Upgrading Strategy comprises both proactive and reactive projects to address sewer capacity deficiencies. Proactive upgrades under the Sewer Upgrading Strategy may be implemented along with the Drainage Neighbourhood Renewal Program (DNRP) or the Flood Prevention Program which could reduce costs associated with excavation, repaving, mobilization/demobilization, etc. However, reactive upgrades will be implemented in neighborhoods that experience significant basement flooding following a severe rainfall event.

**PROFILE BACKGROUND**

The Sewer Upgrading Strategy is needed to address pipe capacity issues by upgrading the pipes from their current size to a larger size to increase the sanitary, storm and combined sewer level of service. The strategy aims to improve drainage sewer systems in all 255 neighbourhoods that were built prior to 1989, which were designed with no minor system. Flooding report data indicate on average 350 basement flooding incidents occur per year in pre-1989 neighborhoods. So far, 107 of these neighbourhoods have been assessed and 138 remaining neighbourhoods will need to be evaluated in the upcoming years.

The Sewer Upgrading Strategy will be complimentary to local upgrades the City undertakes in response to extreme flood events under the Flood Prevention Program, and may work in coordination with Drainage Neighbourhood Renewal. It will focus toward addressing sewer and drainage system deficiencies before flooding occurs, reducing the impacts of large rainfall events when they occur.

**PROFILE JUSTIFICATION**

Upgrading the capacity of existing facilities can help to ensure that an acceptable level of service is provided to drainage customers. Upgrades will reduce the occurrences of basement and street flooding which cause property damage and can be very costly and disturbing to residents. Upgrades will also improve the water quality to North Saskatchewan River. Stormwater quality has been identified as a significant source of some of the contaminants to the North Saskatchewan River. Control of these contaminants is a partial fulfillment of obligations to Alberta Environment.

**STRATEGIC ALIGNMENT**

The Sewer Upgrading Strategy aligns with "The Way We Live" as it reduces basement and surface flooding due to sewer capacity deficiencies. It will increase the level of service and reduce impact on environment and public health.

**ALTERNATIVES CONSIDERED**

An alternative is to do nothing. This will cause public dissatisfaction due to basement flooding, street flooding and property damage.

**COST BENEFITS**

The Strategy will have a positive impact on the operating budget due to the reduction in flooding occurrences. There will also be a reduction of maintenance activities for a period of time for the new sewer. The estimated average cost to upgrade each neighborhood is approximately \$5.3 million.

**KEY RISKS & MITIGATING STRATEGY**

The implementation of this strategy will increase sewer level of service and will reduce the risk of injury or damage to persons and property due to basement flooding, street flooding, or roadway subsidence.

**RESOURCES**

No new internal resources will be required by this program. However the Sewer Upgrading Strategy projects will require external resources for both the design and construction phases.

**CONCLUSIONS AND RECOMMENDATIONS**

The Sewer Upgrading Strategy is needed to address sewer capacity issues causing basement or surface flooding. In neighbourhoods built prior to 1989, sewer level of service is considered below current standards and therefore requires sewer upgrades.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Sewer System Upgrading****FUNDED**PROFILE NUMBER: **CM-31-9703**PROFILE TYPE: **Composite**BRANCH: **Stormwater Utility**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Current Approved Budget	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Approved Funding Sources												
	Drainage Retained Earnings	-	52	530	2,404	2,476	-	-	-	-	-	-	5,462
	Self-Liquid. Debent.-Land Drg	-	77	796	3,606	3,714	-	-	-	-	-	-	8,193
	Current Approved Funding Sources	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Requested Funding Source												
	Drainage Retained Earnings	-	52	530	2,404	2,476	-	-	-	-	-	-	5,462
	Self-Liquid. Debent.-Land Drg	-	77	796	3,606	3,714	-	-	-	-	-	-	8,193
	Requested Funding Source	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655
	Total	-	128	1,326	6,010	6,190	-	-	-	-	-	-	13,655

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PROCESSING AND TRANSFER FACILITY**  
 PROFILE: **07-33-1935**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Neehall R.G.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2007
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>88,650</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>88,650</b>

**PROFILE DESCRIPTION**

The Integrated Processing and Transfer Facility (IPTF) is a key element of the Utility's response to the closure of Clover Bar Landfill and the increased focus on diversion of materials from landfill. The facility was approved by City Council in 2007, and provides three main functions: Phase 1: Tipping and Transfer Operation - The loading of residual and non-processable waste into trailers for hauling to landfill (transfer operation). Phase 1 was completed and became operational in October 2009.

Phase 2: Pre-processing Operations - Residential and suitable commercial waste is sorted mechanically and manually into three streams: organic material that is conveyed to the Edmonton Composting Facility; metals and cardboard are recovered for recycling; and non-recyclable, high energy content waste is conveyed to an adjacent operation (Phase 3) for conversion into refuse derived fuel. Phase 2 became operational in April 2010, with capacity of up to 1,000 tonnes per day.

Phase 3: Refuse Derived Fuel Feedstock Production - Mechanical processing of non-recyclable, high energy content waste into feedstock and delivery to the Enerkem Alberta Biofuels Facility. When completed in 2012, this phase of the Facility will be capable of producing up to 400 tonnes of refuse derived fuel per day. Production will ramp up from late 2012 through to full production in 2014 to match the planned ramp up of the Biofuels Facility production.

**PROFILE JUSTIFICATION**

The Integrated Processing and Transfer Facility is a critical part of the solution for the dwindling landfill disposal capacity in Edmonton and enables the City to meet its obligation for solid wastes under the MGA.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Processing and Transfer Facility****FUNDED**PROFILE NUMBER: **07-33-1935**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	94,125	-	-	-	-	-	-	-	-	-	-	94,125
	2007 CBS Budget Adjustment	151	-	-	-	-	-	-	-	-	-	-	151
	2008 CBS Budget Adjustment	9,420	-	-	-	-	-	-	-	-	-	-	9,420
	2009 CBS Budget Adjustment	-9,812	-	-	-	-	-	-	-	-	-	-	-9,812
	2010 CBS Budget Adjustment	-16,613	-	-	-	-	-	-	-	-	-	-	-16,613
	2011 CBS Budget Adjustment	8,505	-	-	-	-	-	-	-	-	-	-	8,505
	2012 CBS Budget Adjustment	1,309	-	-	-	-	-	-	-	-	-	-	1,309
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,565	-	-	-	-	-	-	-	-	-	-	1,565
	2014 Cap Carry Forward	-748	748	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	87,902	748	-	-	-	-	-	-	-	-	-	88,650
	Approved Funding Sources												
	Operating Revenues	-	-	-	-	-	-	-	-	-	-	-	-
	Self-Liquidating Debentures	87,902	748	-	-	-	-	-	-	-	-	-	88,650
Current Approved Funding Sources		87,902	748	-	-	-	-	-	-	-	-	-	88,650

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	87,902	748	-	-	-	-	-	-	-	-	-	88,650
	Requested Funding Source												
	Operating Revenues	-	-	-	-	-	-	-	-	-	-	-	-
	Self-Liquidating Debentures	87,902	748	-	-	-	-	-	-	-	-	-	88,650
Requested Funding Source		87,902	748	-	-	-	-	-	-	-	-	-	88,650

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	87,902	748	-	-	-	-	-	-	-	-	-	88,650
	Total	87,902	748	-	-	-	-	-	-	-	-	-	88,650

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ECO STATION FACILITIES UPGRADE**  
 PROFILE: **10-33-2016**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,300</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,300</b>

**PROFILE DESCRIPTION**

Eco Station Facilities Rehabilitation ( Proposed 2012-2014 capital need - \$2.3 million).

Funding is needed to upgrade the Coronation Eco Station to address traffic congestion, reduce impact on adjacent businesses, increase customer convenience and allow for large item reuse activities. Pavement replacement is needed at the Strathcona Eco Station and initiatives to reduce environmental impact at Ambleside Eco Station.

**PROFILE JUSTIFICATION**

The project provides for opportune expansion of the Coronation Eco Station to address safety issues, traffic congestion, reduce impact on adjacent businesses, increase customer convenience and allow for large item reuse activities. Expenditures are needed to maintain the integrity of infrastructure at all Eco Stations.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Eco Station Facilities Upgrade****FUNDED**PROFILE NUMBER: **10-33-2016**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,100	-	-	-	-	-	-	-	-	-	-	4,100
	2011 CBS Budget Adjustment	-1,800	-	-	-	-	-	-	-	-	-	-	-1,800
	2012 CBS Budget Adjustment	-1,800	-	-	-	-	-	-	-	-	-	-	-1,800
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,800	-	-	-	-	-	-	-	-	-	-	1,800
	2014 Cap Carry Forward	-1,760	1,760	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	540	1,760	-	-	-	-	-	-	-	-	-	2,300
	Approved Funding Sources												
	Self-Liquidating Debentures	40	1,760	-	-	-	-	-	-	-	-	-	1,800
	Waste Mgt Retained Earnings	500	-	-	-	-	-	-	-	-	-	-	500
	Current Approved Funding Sources	540	1,760	-	-	-	-	-	-	-	-	-	2,300

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	540	1,760	-	-	-	-	-	-	-	-	-	2,300
	Requested Funding Source												
	Self-Liquidating Debentures	40	1,760	-	-	-	-	-	-	-	-	-	1,800
	Waste Mgt Retained Earnings	500	-	-	-	-	-	-	-	-	-	-	500
	Requested Funding Source	540	1,760	-	-	-	-	-	-	-	-	-	2,300

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	540	1,760	-	-	-	-	-	-	-	-	-	2,300
	Total	540	1,760	-	-	-	-	-	-	-	-	-	2,300

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KENNEDALE FACILITIES EXPANSION**  
 PROFILE **11-33-2006**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,000</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,000</b>

**PROFILE DESCRIPTION**

Waste collection services for single family and multi-family homes directly provided by the Waste Management Utility originate at facilities at the Kennedale Integrated Yard. These facilities house staff and collection vehicles. Growth of the City and new initiatives in recent years has necessitated increased staff and vehicles. In the 2009-2011 Capital Budget, City Council approved the provision of additional space at the Kennedale Integrated Yard for vehicle storage and staff accommodation. Current logistics with respect to movement of vehicles and staff are not safe, and costly equipment is not properly housed. The new facility comprises 3,100 square metres for vehicle storage and 1,400 square metres for staff accommodation.

**PROFILE JUSTIFICATION**

Expansion of facilities is required to effectively house and manage increased staff and vehicle resources that are integral to meeting the need for services that are an integral component of the Waste Management Strategic Plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kennedale Facilities Expansion****FUNDED**PROFILE NUMBER: **11-33-2006**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	24,755	-	-	-	-	-	-	-	-	-	-	24,755
	2009 CBS Budget Adjustment	-2,755	-	-	-	-	-	-	-	-	-	-	-2,755
	2010 CBS Budget Adjustment	-6,976	-	-	-	-	-	-	-	-	-	-	-6,976
	2011 CBS Budget Adjustment	-3,479	-	-	-	-	-	-	-	-	-	-	-3,479
	2012 CBS Budget Adjustment	1,103	-	-	-	-	-	-	-	-	-	-	1,103
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,352	-	-	-	-	-	-	-	-	-	-	1,352
	2014 Cap Carry Forward	-150	150	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	13,850	150	-	-	-	-	-	-	-	-	-	14,000
	Approved Funding Sources												
	Self-Liquidating Debentures	13,850	150	-	-	-	-	-	-	-	-	-	14,000
	Current Approved Funding Sources	13,850	150	-	-	-	-	-	-	-	-	-	14,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	13,850	150	-	-	-	-	-	-	-	-	-	14,000
	Requested Funding Source												
	Self-Liquidating Debentures	13,850	150	-	-	-	-	-	-	-	-	-	14,000
	Requested Funding Source	13,850	150	-	-	-	-	-	-	-	-	-	14,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	13,850	150	-	-	-	-	-	-	-	-	-	14,000
	Total	13,850	150	-	-	-	-	-	-	-	-	-	14,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NE ECO STATION**  
 PROFILE: **11-33-2008**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Previously Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,668</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,668</b>

**PROFILE DESCRIPTION**

There are currently three Eco Stations where household hazardous waste (HHW), recyclables, and bulky waste can be dropped off. Much of the material received is reused or recycled. HHW materials that cannot be reused or recycled are sent to the Swan Hills Waste Treatment Centre for disposal and general refuse that cannot be reused or recycled is sent to landfill. Reasonable and easy access to a disposal facility helps to reduce the potential for illegal dumping and helps residents manage their HHW responsibly. Alberta Environment suggests 15 kilometers or approximately 7 minutes of travel time to a facility. In the 2009-2011 Capital Budget, City Council approved the addition of a facility in northeast Edmonton to meet this general guideline. Acquisition of a site adjacent to the City's Kennedale Integrated Yard has been identified and is expected to be purchased by the end of 2011. Construction completion is expected in 2013.

Expected asset life of 25 years with a 25-year debenture term.

**PROFILE JUSTIFICATION**

Continued growth in Eco Station use and residential growth in the City exceed the capacity limit of the Eco Station Program. The Northeast Eco Station will provide service to under serviced and growing residential areas.

Management of residential household hazardous waste is an integral component of the Waste Management Strategic Plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NE Eco Station****FUNDED**PROFILE NUMBER: **11-33-2008**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	16,668	-	-	-	-	-	-	-	-	-	-	16,668
	2011 CBS Budget Adjustment	42	-	-	-	-	-	-	-	-	-	-	42
	2012 CBS Budget Adjustment	-7,398	-	-	-	-	-	-	-	-	-	-	-7,398
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	7,356	-	-	-	-	-	-	-	-	-	-	7,356
	2014 Cap Carry Forward	-829	829	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	15,839	829	-	-	-	-	-	-	-	-	-	16,668
	Approved Funding Sources												
	Self-Liquidating Debentures	15,839	829	-	-	-	-	-	-	-	-	-	16,668
	Current Approved Funding Sources	15,839	829	-	-	-	-	-	-	-	-	-	16,668

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	15,839	829	-	-	-	-	-	-	-	-	-	16,668
	Requested Funding Source												
	Self-Liquidating Debentures	15,839	829	-	-	-	-	-	-	-	-	-	16,668
	Requested Funding Source	15,839	829	-	-	-	-	-	-	-	-	-	16,668

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	15,839	829	-	-	-	-	-	-	-	-	-	16,668
	Total	15,839	829	-	-	-	-	-	-	-	-	-	16,668

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EWMC SITE SUSTAINING**  
 PROFILE: **12-33-1933**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,618</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,618</b>

**PROFILE DESCRIPTION**

This project is to sustain the Edmonton Waste Management Centre infrastructure utilities and facilities, including the Clover Bar Landfill, as the Centre grows and ages.

There is an ongoing need for capital investment from 2012 to 2014 to:

1. expand or maintain the Centre's infrastructure of underground services, roads, groundwater monitoring system, site drainage systems and site revegetation;
2. upgrade or replace operating equipment at plants such as the Leachate Treatment Plant;
3. provide for the reception and sorting of e-waste, household hazardous waste and construction and demolition waste;
4. provide for the capping and closure of completed areas of the landfill.

**PROFILE JUSTIFICATION**

The Waste Management Branch is responsible for managing the plants, roadways, utilities and other infrastructure at the Edmonton Waste Management Centre, a 200 hectare industrial park. This project is the vehicle to maintain the infrastructure to industry standard and to adapt to changes recognizing that as more waste processing facilities are put in service there will be an increase in equipment upkeep and refurbishment of the mechanical systems to prudently control operating and maintenance costs. It also provides for the landfill development and closure and environmental monitoring systems in keeping with environmental permit requirements.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA#21-Administrative: To cover overspend in funding sources within profile

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **EWMC Site Sustaining****FUNDED**PROFILE NUMBER: **12-33-1933**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,322	-	-	-	-	-	-	-	-	-	-	14,322
	2012 CBS Budget Adjustment	1,176	-	-	-	-	-	-	-	-	-	-	1,176
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-2,880	-	-	-	-	-	-	-	-	-	-	-2,880
	2014 Cap Carry Forward	-52	52	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	12,566	52	-	-	-	-	-	-	-	-	-	12,618
	Approved Funding Sources												
	Partnership Funding	3	-	-	-	-	-	-	-	-	-	-	3
	Post Closure Funding	2,136	-	-	-	-	-	-	-	-	-	-	2,136
	Self-Liquidating Debentures	10,427	52	-	-	-	-	-	-	-	-	-	10,479
	Current Approved Funding Sources	12,566	52	-	-	-	-	-	-	-	-	-	12,618

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	12,566	52	-	-	-	-	-	-	-	-	-	12,618
	Requested Funding Source												
	Partnership Funding	3	-	-	-	-	-	-	-	-	-	-	3
	Post Closure Funding	2,136	-	-	-	-	-	-	-	-	-	-	2,136
	Self-Liquidating Debentures	10,427	52	-	-	-	-	-	-	-	-	-	10,479
	Requested Funding Source	12,566	52	-	-	-	-	-	-	-	-	-	12,618

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	12,566	52	-	-	-	-	-	-	-	-	-	12,618
	Total	12,566	52	-	-	-	-	-	-	-	-	-	12,618

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WASTE CONTAINERS**  
 PROFILE: **12-33-2005**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,744</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,744</b>

**PROFILE DESCRIPTION**

Waste container assets required for ongoing operations include front-load bins, side-load bins, concrete and metal litter baskets and roll-off bins. The City of Edmonton owns all front-load bins for servicing the multi-family sector, automated side load bins for the Recycle Depots, litter containers and some roll-off bins specific for the Big Bin Program. These receptacles vary in age and state of repair. The bins can have average useful lives of 15 years.

**PROFILE JUSTIFICATION**

A sustainable bin and litter container acquisition program is necessary to support required collection service levels for waste and recyclables from the multi-family sector, for Recycle Depots, for litter collection in all Business Revitalization Zones, to avoid asset deterioration and to control contracted service cost escalations.

This project is an integral component of the waste collection activities that form a main component of the Waste Management Strategic Plan that delivers one of Edmonton's front-line services to residents and businesses.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Waste Containers****FUNDED**PROFILE NUMBER: **12-33-2005**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,033	-	-	-	-	-	-	-	-	-	-	6,033
	2012 CBS Budget Adjustment	-1,504	-	-	-	-	-	-	-	-	-	-	-1,504
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-785	-	-	-	-	-	-	-	-	-	-	-785
	2014 Cap Carry Forward	-17	17	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	3,727	17	-	-	-	-	-	-	-	-	-	3,744
	Approved Funding Sources												
	Waste Mgt Retained Earnings	3,727	17	-	-	-	-	-	-	-	-	-	3,744
	Current Approved Funding Sources	3,727	17	-	-	-	-	-	-	-	-	-	3,744

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,727	17	-	-	-	-	-	-	-	-	-	3,744
	Requested Funding Source												
	Waste Mgt Retained Earnings	3,727	17	-	-	-	-	-	-	-	-	-	3,744
	Requested Funding Source	3,727	17	-	-	-	-	-	-	-	-	-	3,744

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	3,727	17	-	-	-	-	-	-	-	-	-	3,744
	Total	3,727	17	-	-	-	-	-	-	-	-	-	3,744

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WASTE MANAGEMENT EQUIP ACQUISITION - P&D**  
 PROFILE: **12-33-2009**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,660</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,660</b>

**PROFILE DESCRIPTION**

The project provides for the acquisition of vehicles for processing operations and purchase of specialized processing equipment. The fleet currently includes 14 highway tractors and 44 long haul trailers to transport non-recyclable and non-compostable waste to private sector landfills. The service lives of these vehicles are typically 8 years for highway tractors and 10 years for long haul trailers. Roll-off bins are used to provide services to its customers and for internal movement of materials at the Edmonton Waste Management Centre. These receptacles vary in age and state of repair. The containers can have average useful lives of 15 years. In addition to vehicles and waste containers, numerous pieces of specialty mobile equipment are required in its operations. These include screens, conveyors, compost turning machines, wood grinding units, and other specialized equipment. Total fleet of mobile equipment is over 200 units.

Funding is needed for acquisitions of these vehicles, both replacement and growth, and for specialty portable equipment.

**PROFILE JUSTIFICATION**

The level of acquisition of equipment funding requested will enable the Branch to continue to satisfy commitments to residents. The useful lives of these capital assets can vary between 5 and 15 years and the Utility strives to level out the annual capital requirement for vehicles and equipment such that assets are continually being replaced as they reach the end of their useful lives.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Waste Management Equip Acquisition - P&D****FUNDED**PROFILE NUMBER: **12-33-2009**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,313	-	-	-	-	-	-	-	-	-	-	7,313
	2012 CBS Budget Adjustment	-1,405	-	-	-	-	-	-	-	-	-	-	-1,405
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-189	-	-	-	-	-	-	-	-	-	-	-189
	2014 Cap Capital Budget Adj (one-off)	2,000	-	-	-	-	-	-	-	-	-	-	2,000
	2014 Cap Carry Forward	-924	924	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-59	-	-	-	-	-	-	-	-	-	-59
	Current Approved Budget	6,795	865	-	-	-	-	-	-	-	-	-	7,660
	Approved Funding Sources												
	Operating Revenues	211	289	-	-	-	-	-	-	-	-	-	500
	Pay-As-You-Go	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Self-Liquidating Debentures	2,946	84	-	-	-	-	-	-	-	-	-	3,030
	Waste Mgt Retained Earnings	2,638	492	-	-	-	-	-	-	-	-	-	3,130
	Current Approved Funding Sources	6,795	865	-	-	-	-	-	-	-	-	-	7,660

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,795	865	-	-	-	-	-	-	-	-	-	7,660
	Requested Funding Source												
	Operating Revenues	211	289	-	-	-	-	-	-	-	-	-	500
	Pay-As-You-Go	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Self-Liquidating Debentures	2,946	84	-	-	-	-	-	-	-	-	-	3,030
	Waste Mgt Retained Earnings	2,638	492	-	-	-	-	-	-	-	-	-	3,130
	Requested Funding Source	6,795	865	-	-	-	-	-	-	-	-	-	7,660

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	2,000	-	-	-	-	-	-	-	-	-	-	2,000
	Other Costs	4,795	865	-	-	-	-	-	-	-	-	-	5,660
	Total	6,795	865	-	-	-	-	-	-	-	-	-	7,660

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WASTE MGMT EQUIP ACQUISITION-COLLECTION**  
 PROFILE: **12-33-2018**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,496</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,496</b>

**PROFILE DESCRIPTION**

The project provides for the acquisition of vehicles for collection operations and purchase of specialized collection equipment. This includes 80 vehicles for single family, 15 for multi-family, 4 for Recycling Depots and 3 for Eco Stations. The service lives of these vehicles are typically 200,000 km for waste collection vehicles.

Funding is needed for acquisitions of vehicles, both replacement and growth.

Fall 2012.

#12-67: Transfer from to Fleet Services 133K for Green Fleet for units M3048 and M3049

**PROFILE JUSTIFICATION**

The level of funding requested will enable the Branch to continue to satisfy commitments to residents.

The useful lives of these capital assets can vary and the Utility strives to level out the annual capital requirement for vehicles and equipment such that assets are continually being replaced as they reach the end of their useful lives.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Waste Mgmt Equip Acquisition-Collection****FUNDED**PROFILE NUMBER: **12-33-2018**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,867	-	-	-	-	-	-	-	-	-	-	9,867
	2012 CBS Budget Adjustment	-4,692	-	-	-	-	-	-	-	-	-	-	-4,692
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-1,670	-	-	-	-	-	-	-	-	-	-	-1,670
	2014 Cap Carry Forward	-2,850	2,850	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-9	-	-	-	-	-	-	-	-	-	-9
	Current Approved Budget	655	2,841	-	-	-	-	-	-	-	-	-	3,496
	Approved Funding Sources												
	Equipmt Pool Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
REVISSED BUDGET (IF APPROVED)	Self-Liquidating Debentures	655	947	-	-	-	-	-	-	-	-	-	1,602
	Waste Mgt Retained Earnings	-	1,894	-	-	-	-	-	-	-	-	-	1,894
	Current Approved Funding Sources	655	2,841	-	-	-	-	-	-	-	-	-	3,496

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	655	2,841	-	-	-	-	-	-	-	-	-	3,496
	Requested Funding Source												
	Equipmt Pool Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-
	Self-Liquidating Debentures	655	947	-	-	-	-	-	-	-	-	-	1,602
	Waste Mgt Retained Earnings	-	1,894	-	-	-	-	-	-	-	-	-	1,894
	Requested Funding Source	655	2,841	-	-	-	-	-	-	-	-	-	3,496

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Other Costs	655	2,841	-	-	-	-	-	-	-	-	-	3,496
	Total	655	2,841	-	-	-	-	-	-	-	-	-	3,496

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EWMC FACILITY UPGRADE**  
 PROFILE: **12-33-2019**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Neehall R.G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,112</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,112</b>

**PROFILE DESCRIPTION**

This project is to improve the efficiency and effectiveness of EWMC facilities. There is an ongoing need for capital to:

- 1) Improve ECF efficiency and adapt to the change in feed due to IPTF processing
  - 2) Improve IPTF processing efficiency and implement changes as needed to lower operating and maintenance costs.
  - 3) Improve Construction/Demolition processing efficiency and implement changes as needed to lower operating and maintenance costs.
  - 4) De-bottleneck the Leachate treatment plant in order to increase throughput and deal with high levels of Leachate from the Clover Bar landfill.
- The current bottleneck is the solids handling system, so that will be the focus of the project.

Projects will be prioritized based on processing requirements and financial payback.

**PROFILE JUSTIFICATION**

Because of the non-uniform nature of municipal solid waste, it is difficult to consider all possibilities in the design of new facilities and processing systems. As new processes are commissioned and put into operation, requirements for improvements or changes often become clear. This project will ensure that new facilities are operating to maximum efficiency.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA#21-Administrative: To cover overspend in funding sources within profile

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **EWMC Facility Upgrade****FUNDED**PROFILE NUMBER: **12-33-2019**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,797	-	-	-	-	-	-	-	-	-	-	14,797
	2012 CBS Budget Adjustment	95	-	-	-	-	-	-	-	-	-	-	95
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-2,780	-	-	-	-	-	-	-	-	-	-	-2,780
	2014 Cap Carry Forward	-2,040	2,040	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112
	Approved Funding Sources												
	Post Closure Funding	96	-	-	-	-	-	-	-	-	-	-	96
	Self-Liquidating Debentures	9,976	2,040	-	-	-	-	-	-	-	-	-	12,016
	Current Approved Funding Sources	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112
	Requested Funding Source												
	Post Closure Funding	96	-	-	-	-	-	-	-	-	-	-	96
	Self-Liquidating Debentures	9,976	2,040	-	-	-	-	-	-	-	-	-	12,016
	Requested Funding Source	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112
	Total	10,072	2,040	-	-	-	-	-	-	-	-	-	12,112

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MATERIAL RECOVERY FACILITY RENEWAL (MRF)**  
 PROFILE: **13-33-2020**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Neehall R.G.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	2,680
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,680
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**PROFILE DESCRIPTION**

This project will increase the throughput of the MRF facility by focusing on the rigid plastics line and providing a baler to handle external materials. An engineering study will be started in 2012 to fully define the required scope. It is expected that throughput can be raised from the current 18 tonne per hour average to 25 tonne per hour.

As the operation and maintenance contract for the MRF expires in 2013, the project has been split between 2013 and 2014 to allow the (potentially new) contractor time to get some experience with the facility before the design is finalized.

**PROFILE JUSTIFICATION**

The MRF facility currently has trouble keeping up with the amount of incoming material. The rigid plastics line equipment is at its end of useful life. The rigid line also presents a bottleneck for the whole process. This project will increase the overall production rate through the facility by replacing the rigid line equipment with newer equipment that can process more material with more efficiency. The baler will allow more materials (including those from other facilities) to be baled, while providing a back-up to ensure that a failure in the current MRF baler will not affect MRF production capacity.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Material Recovery Facility Renewal (MRF)****FUNDED**PROFILE NUMBER: **13-33-2020**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	2,680	-	-	-	-	-	-	-	-	-	-	2,680
	2013 CBS Budget Adjustment	-1,710	-	-	-	-	-	-	-	-	-	-	-1,710
	2014 Cap Carry Forward	-343	-667	1,010	-	-	-	-	-	-	-	-	-
	2014 CBS Budget Adjustment	-	1,710	-	-	-	-	-	-	-	-	-	1,710
	Current Approved Budget	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680
	Approved Funding Sources												
	Self-Liquidating Debentures	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680
	Current Approved Funding Sources	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680
	Requested Funding Source												
	Self-Liquidating Debentures	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680
	Requested Funding Source	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680
	Total	627	1,043	1,010	-	-	-	-	-	-	-	-	2,680

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGH SOLIDS ANAEROBIC DIGESTION(HSAD)FAC**  
 PROFILE: **13-33-2023**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>36,994</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>36,994</b>

**PROFILE DESCRIPTION**

The amount of residential organic waste material generated and collected in the City of Edmonton has increased to the degree that the capacity of the Edmonton Composting Facility is not sufficient to handle current demand during high waste generation periods. Additional processing capacity at the Edmonton Waste Management Centre is needed to avoid landfilling of recyclable organic material and to meet anticipated growth for the next eight to ten years. The construction and operation of a High Solids Anaerobic Digestion Facility will process 40,000 tonnes of organic waste per year. The Facility will be fully integrated with existing facilities and operations at the Edmonton Waste Management Centre.

**PROFILE BACKGROUND**

Edmonton's residential waste is brought to the Edmonton Waste Management Centre where the organics are processed at the Integrated Process and Transfer Facility and composted in the Edmonton Composting Facility. The capacity of the Edmonton Composting Facility is 125,000 tonnes of waste plus 10,000 dry tonnes (equals 40,000 wet tonnes) of biosolids. Due to the high volumes of residential waste generated during peak spring and fall seasons, the Waste Management Utility diverts the peak waste volumes to landfill as the composting facility processing capacity is exceeded, causing the residential waste diversion to not achieve the goal of 60%. As the amount of residential waste generated in Edmonton increases, more organic waste will be transported to the Ryley landfill located 80 km southeast of the City, increasing hauling and disposal costs, decreasing diversion from landfill rates and increasing GHG emissions from City operations.

**PROFILE JUSTIFICATION**

The existing maximum capacity at the Edmonton Composting Facility is 125,000 tonnes of municipal solid waste plus 40,000 wet tonnes of biosolids. The facility is operating at full capacity and organic waste recycling is especially challenged during peak grass growing months. Waste Management Utility's need to deal with increasing organic waste generation over the next 8 to 10 years has led to a successful grant submission to provide \$10,000,000 towards the construction of a new High Solids Anaerobic Digestion Facility which can process an additional 40,000 tonnes per year of organic waste and create revenue to the Utility through renewable energy generation, sale of Greenhouse Gas credits, tip fees for commercial wastes, and for the avoidance of hauling and landfilling activities.

**STRATEGIC ALIGNMENT**

The project aligns with City Council's vision outlined in The Way Ahead by encouraging activities that support The Way We Green, The Way We Live, and The Way We Finance.

**ALTERNATIVES CONSIDERED**

The following alternatives were considered during the development of this project:

- Expansion of composting operation: Added processing capacity cannot be effectively and efficiently provided by expansion of the existing Edmonton Composting Facility. The plan for the provision of new organic processing capacity reflects this reality as well as the opportunity for grant funding if an alternate technology such as the proposed High Solids Anaerobic Digestion Facility is used.
- Landfilling of the organics: A return to landfilling of the organics waste stream would have a significant impact on the Utility's current and future goal to divert 60% and 90% of residential waste from landfill.

**COST BENEFITS**

In 2016, the expected revenue of \$1.8 million and the avoided costs of \$1.9 million (\$3.7 million total) offset the operating costs of \$1.8 million and the financial costs of \$1.6 million (\$3.4 million total), producing a favorable net position in 2016 of \$300,000. The net positions for the following four years range from \$400,000 to \$600,000 positive. The project will therefore require no funding from the monthly user fees.

**KEY RISKS & MITIGATING STRATEGY**

Financial Risks: low  
 Operational Risks: low  
 Environmental Risks: medium

# CAPITAL PROFILE REPORT

## RESOURCES

- 1.0 FTE: Plant operator
- 1.0 FTE Laboratory technician
- 0.5 FTE Millwright
- 0.5 FTE Instrument technician
- 0.5 FTE Administrative assistant

## CONCLUSIONS AND RECOMMENDATIONS

That the project be recommended to City Council for approval at a project cost of \$30,828,000, with financing of \$20,047,000 through Self Liquidating Debt, \$10,000,000 through a grant from CCEMC and \$781,000 from the U of A.

## CHANGES TO APPROVED PROFILE

An increase is required in the budget for the High Solids Anaerobic Digestion Facility. The required increase is \$6,166,000 in total, to be comprised of an additional \$6,104,000 in debenture borrowing supported by the Utility's rates financing, and \$62,000 in Partner Funding (University of Alberta). The total project funding requirement thus increases from \$30,828,000 to \$36,994,000. The initial tender for the High Solids Anaerobic Digestion Facility was cancelled in April 2014 as bids came in significantly over budget. With the goal of lowering the overall project costs, the Utility restructured the procurement process to tender several different elements of the project separately. With one of the two major contracts now awarded and with responses received to the second one, administration has updated projected costs and determined that the final project will still exceed the approved budget. However, a review of the business case based on the chosen technology provider for the facility also identified the following improved business considerations:

- processing capacity of the facility will increase from 40,000 to 48,000 tonnes per year on the same footprint,
- the facility has reduced material and maintenance requirements, and
- its operation will benefit from higher value of greenhouse gas credits and distributed power usage.

It is projected that improvements to operational efficiency and revenues resulting from the chosen technology will offset the increased borrowing costs over the life of the project.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **High Solids Anaerobic Digestion(HSAD)Fac****FUNDED**PROFILE NUMBER: **13-33-2023**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	10,628	20,200	-	-	-	-	-	-	-	-	-	30,828
	2014 Cap Carry Forward	-10,433	-14,330	15,000	9,763	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	-	1,542	4,624	-	-	-	-	-	-	-	6,166
	Current Approved Budget	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994
	Approved Funding Sources												
	Other Grants - Provincial	-	-	5,000	5,000	-	-	-	-	-	-	-	10,000
	Partnership Funding	-	-	843	-	-	-	-	-	-	-	-	843
REVISSED BUDGET (IF APPROVED)	Self-Liquidating Debentures	195	5,870	10,699	9,387	-	-	-	-	-	-	-	26,151
	Current Approved Funding Sources	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994
	Requested Funding Source												
	Other Grants - Provincial	-	-	5,000	5,000	-	-	-	-	-	-	-	10,000
	Partnership Funding	-	-	843	-	-	-	-	-	-	-	-	843
	Self-Liquidating Debentures	195	5,870	10,699	9,387	-	-	-	-	-	-	-	26,151
	Requested Funding Source	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Other Costs	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994
	Total	195	5,870	16,542	14,387	-	-	-	-	-	-	-	36,994

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Revenue

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Waste Management Services	1,812	1,442	-369	-	1,894	1,468	-426	-	1,981	1,513	-468	-	2,071	1,504	-567	-
<b>Total Operating Impact</b>	<b>1,812</b>	<b>1,442</b>	<b>-369</b>	<b>-</b>	<b>1,894</b>	<b>1,468</b>	<b>-426</b>	<b>-</b>	<b>1,981</b>	<b>1,513</b>	<b>-468</b>	<b>-</b>	<b>2,071</b>	<b>1,504</b>	<b>-567</b>	<b>-</b>

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EQUIPMENT STORAGE & MTCE FACILITY EXPAN.**  
 PROFILE **13-33-2024**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Previously Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Neehall R.G.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,500</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,500</b>

**PROFILE DESCRIPTION**

In October 2011, an Equipment Storage and Maintenance Facility (ESMF) required to meet the growing needs of the EWMC went in to service. At that time, it was not intended to be a full service shop. It has become apparent; however, that to meet operational needs most efficiently, more maintenance and repair should be completed at the EWMC site. To that end, the ESMF has already been repurposed to provide a parts storage area and the equipment storage bays have been transitioned to service bays. Despite the improvements gained through these changes, analysis shows there is opportunity to realize further efficiencies through implementation of this project. With exhaust extraction in the ESMF, work requiring running engines can be completed there rather than sending units off site, which incurs expense of moving it and also increases out-of-service time. Expansion of the other facility for specialty equipment in a location immediately adjacent to where much of that equipment is operated will provide space to deploy additional mechanics to service it efficiently there and to reduce the high costs of having vendors service the equipment. Productivity will also improve as down time for specialized equipment will be significantly reduced.

**PROFILE JUSTIFICATION**

In October 2011, an Equipment Storage and Maintenance Facility (ESMF) required to meet the growing needs of the EWMC went in to service. At that time, it was not intended to be a full service shop. It has become apparent; however, that to meet operational needs most efficiently, more maintenance and repair should be completed at the EWMC site. To that end, the ESMF has already been repurposed to provide a parts storage area and the equipment storage bays have been transitioned to service bays. Despite the improvements gained through these changes, analysis shows there is opportunity to realize further efficiencies through implementation of this project. With exhaust extraction in the ESMF, work requiring running engines can be completed there rather than sending units off site, which incurs expense of moving it and also increases out-of-service time. Expansion of the other facility for specialty equipment in a location immediately adjacent to where much of that equipment is operated will provide space to deploy additional mechanics to service it efficiently there and to reduce the high costs of having vendors service the equipment. Productivity will also improve as down time for specialized equipment will be significantly reduced.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Equipment Storage & Mtce Facility Expan.****FUNDED**PROFILE NUMBER: **13-33-2024**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-607	607	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,500	-	-	-	-	-	-	-	-	-	-	1,500
	Current Approved Budget	893	607	-	-	-	-	-	-	-	-	-	1,500
	Approved Funding Sources												
	Self-Liquidating Debentures	893	607	-	-	-	-	-	-	-	-	-	1,500
	Current Approved Funding Sources	893	607	-	-	-	-	-	-	-	-	-	1,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	893	607	-	-	-	-	-	-	-	-	-	1,500
	Requested Funding Source												
	Self-Liquidating Debentures	893	607	-	-	-	-	-	-	-	-	-	1,500
	Requested Funding Source	893	607	-	-	-	-	-	-	-	-	-	1,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	893	607	-	-	-	-	-	-	-	-	-	1,500
	Total	893	607	-	-	-	-	-	-	-	-	-	1,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NW ECO STATION**  
 PROFILE: **15-33-2011**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2020
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	19,800
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	19,800
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**PROFILE DESCRIPTION**

The construction of an Eco Station in northwest Edmonton to replace the existing Coronation Eco Station will meet the demand for drop-off services for HHW, recycling and bulky waste in the expanding north and northwest areas of the City. This business case establishes the need to expand the current Coronation Eco Station and/or relocate the facility. This preliminary report contains rough estimates for the project based on experience gained through the Ambleside and Kennedale Eco Stations, with funding request in the current 2015-2018 capital budget to secure the land acquisition and provide for detailed design of the facility.

**PROFILE BACKGROUND**

Operations at the Coronation Eco Station are congested, leading to long wait times and traffic lineups. With increasing population and service demands, redevelopment on a larger site, along with the relocation to the northwest quadrant of the City on a site currently held by Land Enterprise, would offer enhanced services to north and northwest residents. This capital profile seeks to secure the land for Waste Management and funding to facilitate detailed design and further analysis of the program at Coronation.

**PROFILE JUSTIFICATION**

An expanded NW Eco Station will improve service delivery to residents, reduce wait times, enhance worker safety and provide additional services not available at the current Coronation location.

The City of Edmonton currently has a property that appears to meet all current requirements and is projected to be surplus. Securing this property for the Waste Management Utility allows the Utility to time the actual construction with customer demand over the next few years. In accordance with the City's policy regarding land transfer pricing between the City and Utilities, it is apparent that purchase of the land at this time would limit the risk of future price escalation for the Utility.

Approval in principle for this project will facilitate the land requirement (payment for the land at fair market value over a four-year period) pending further planning and construction. The City of Edmonton Land Enterprises would have to agree to this payment structure as identified.

**STRATEGIC ALIGNMENT**

Aligns with certain goals/objectives of the City of Edmonton Waste Management Policy C527, the Utility's 2015-2018 Business Plan, Utility Fiscal Policy C558, City of Edmonton Environmental Policy C512 and "The Way We Green and Live".

**ALTERNATIVES CONSIDERED**

1. Approve NW Eco Station relocation.
2. Renovate existing Coronation site
3. Increase operating hours to accommodate user demand
4. Do nothing
5. Increase Big Bin Events to manage materials
6. Open additional NW location

**COST BENEFITS**

Alternative 1 has the highest net cost of annual operations but also the highest number of potential customers served so the incremental cost per customer is actually the lowest among the three alternatives. Alternative 3 has the lowest financial impact and may be implemented as customer demand increases but does not provide the benefits of additional working area, material separation, safety and reuse options a larger site can provide.

**KEY RISKS & MITIGATING STRATEGY**

Key risks include land and development/construction cost escalations and Alberta Environment declining Industrial Approval Application. Probability and impact in most cases are low to medium.

# CAPITAL PROFILE REPORT

## RESOURCES

Waste Management staff, project management and maintenance, financial services and procurement staff resources impacts are medium to high for Alternatives 1 and 2 and low or none for Alternative 3.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 1 is recommended. While the construction of the NW Eco Station could be delayed, the acquisition of an operating site should be completed within the current planning period.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **NW Eco Station****FUNDED**PROFILE NUMBER: **15-33-2011**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800
	Current Approved Budget	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800
	Approved Funding Sources												
	Self-Liquidating Debentures	-	1,500	1,500	-	-	-	3,520	-	-	-	-	6,520
	Waste Mgt Retained Earnings	-	-	-	1,500	1,500	5,000	5,280	-	-	-	-	13,280
	Current Approved Funding Sources	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800
	Requested Funding Source												
	Self-Liquidating Debentures	-	1,500	1,500	-	-	-	3,520	-	-	-	-	6,520
	Waste Mgt Retained Earnings	-	-	-	1,500	1,500	5,000	5,280	-	-	-	-	13,280
	Requested Funding Source	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	5,000	8,800	-	-	-	-	13,800
	Land	-	1,500	1,500	1,500	1,500	-	-	-	-	-	-	6,000
	Total	-	1,500	1,500	1,500	1,500	5,000	8,800	-	-	-	-	19,800

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CURE SITE LAND USE & DEVELOPMENT**  
 PROFILE: **15-33-2025**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	9,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	9,000
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**PROFILE DESCRIPTION**

This initiative consists of the identification of a suitable cure site external to the EWMC, the procurement of land, potential rezoning and subsequent development of the land to meet provincial regulatory standards.

Projected activities:

2015: Identify & screen external sites for size, accessibility, hydrogeologic suitability, zoning, cost, etc., which also include the possibility of partnering with regional jurisdictions interested in using the City's organics processing services in exchange for partnering in the development of a cure site. The evaluation of potential sites will be a follow up to initial discussions with Strathcona County and the Leduc Regional Waste Management Authority.

2016/17: site procurement, any required rezoning, site design and receipt of regulatory approval from Alberta Environment and Sustainable Resource Development. Obtain support from Corporate Properties Branch for site procurement as required.

2017: site construction and development.

**PROFILE BACKGROUND**

When the Edm Composting Facility (ECF) was purchased in 2001, the outdoor space was developed to provide an attendant cure site. The existing cure site's operation has been maximized by using larger size turning equip and stockpiling unscreened compost atop Clover Bar Landfill for final capping and revegetation. With that process scheduled to be completed, that option will no longer exist.

Additional cure site capacity is required to alleviate the problem of the back-end throughput of not matching the front-end processing capacity of the ECF. Without a larger land base, this situation will be exacerbated further when the planned Anaerobic Digestion Facility (ADF) is commissioned in 2017. There is no option to a curing and finishing operation to produce a compost that is both safe & capable of supporting plant growth. Compost must cure for 2 to 6 months at cooler process temperatures to be fully transformed into mature compost as required.

**PROFILE JUSTIFICATION**

The procurement and development of an external cure site for composting activities (curing, screening, stockpiling and marketing) is required so that the full processing capacity of the City's organics processing facilities (ECF and ADF) can be realized.

Additional curing capacity will:

- ensure that more residential and non-residential organic waste is diverted from landfill;
- manage projected increases in both residential and non-residential organic waste produced by a growing population;
- allow the Waste Management Utility to partner with interested municipal jurisdictions in the Edmonton region to process organic material.

**STRATEGIC ALIGNMENT**

It aligns with the goals and objectives of The Way We Green, specifically the increase in diversion of waste from landfill (Objectives 8.1 & 8.2) & through composting, the reduction in greenhouse gas emissions (Objectives 6.10 and 6.11).

**ALTERNATIVES CONSIDERED**

Alternatives are:

1. Develop remote cure site.
2. Landfill more of the organic waste received by the City.
3. Direct organic waste to biofuels production.

See Pg 9 -11 of the attached Business Case for detail analysis.

**COST BENEFITS**

- The development & operation of a remote curing site represents the lowest lifecycle cost option consistent with achieving the City's goals in organics and waste diversion.
- Potential to sell the add'l organics processing capacity to business sector & other jurisdictions which could generate up to \$650K/year.
- Reduced Greenhouse Gas emissions related to composting versus landfill disposal.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

### Key Risk

- (1) Inability to negotiate agreement with another jurisdiction
- (2) Preferred site too costly to procure
- (3) Timeline risks: inability to fully complete cure site initiative

Mitigation & detail - see pg 14 of attached Business Case

## RESOURCES

An internal team consisting of a proj. eng with input from staff for managing the organics processing operation. If needed, support from other depts carrying out their normal function. External consulting and contracting services will be tendered.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that an external cure site be approved. In addition, before proceeding with any property acquisition or agreement for land use in an adjacent jurisdiction, Utility Committee will receive a report describing the proposed solution.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Cure Site Land Use & Development****FUNDED**PROFILE NUMBER: **15-33-2025**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Current Approved Budget	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Approved Funding Sources												
	Self-Liquidating Debentures	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Current Approved Funding Sources	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Requested Funding Source												
	Self-Liquidating Debentures	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Requested Funding Source	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000
	Total	-	3,000	3,000	3,000	-	-	-	-	-	-	-	9,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LANDFILL CAPPING AND REVEGETATION**  
 PROFILE: **15-33-2030**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Leo Girard**

LEAD BRANCH MANAGER: **Leo Girard**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2021**

Service Category: <b>Utilities</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,989</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,989</b>

**PROFILE DESCRIPTION**

This project will cap the Clover Bar Landfill with clay and then add a drainage and soil layers and vegetation in accordance with the operating approval for the landfill from ESRD.

The project is part of the 2015 – 2018 Business Plan, and will be done in phases over six years to be completed in 2021, using contractors to provide the construction management of heavy equipment for the clay and soil placement. The vegetation will be purchased and installed by a combination of contracted and Waste Management Services work forces. The total cost of the project is \$9M and the financial impact on the 2015-2018 business plan period is \$5.4M.

**PROFILE BACKGROUND**

The Clover Bar landfill has been closed to the public since 2010, and is currently being prepared for complete closure in accordance with its operating approval. Provincial regulations and the landfill approval from Alberta Environment and Sustainable Resource Development (ESRD) require that the landfill be capped with a clay liner, drainage, and a soil layer. After capping, the landfill must be re-vegetated by placing planting beds of native grasses, shrubs, and trees. The capping will reduce the amount of precipitation infiltration, which will result in lower levels of leachate, and ultimately lower flows to the Leachate Treatment Plant. It will also result in increasing landfill gas capture rates to avoid greenhouse gas emissions and increased electricity production through the landfill gas power plant operated by Capital Power (CPC).

**PROFILE JUSTIFICATION**

The rationale for this initiative is that landfill capping design and re-vegetation is required based on current provincial regulations and operating approval of the Clover Bar landfill by ESRD. The operating approval summarizes the regulatory requirements for the operation of the Clover Bar Landfill. As part of the operating approval the design of the landfill capping system is prescribed and can not be altered without risking regulatory non-compliance.

**STRATEGIC ALIGNMENT**

It is aligned with the goals of "The Way We Green" to minimizing the impacts from City owned facilities to the environment. Proper capping activities will also support the goal of minimizing greenhouse gas emissions from City operations.

**ALTERNATIVES CONSIDERED**

The capping could be spread out over a longer period of time, until 2022 or even later. Any delay in timelines would cause higher leachate generation and more uncontrolled landfill gas emissions

**COST BENEFITS**

While the cost for the preferred scenario (\$9M average \$1.3M per year) is not significantly different from the cost of the alternative (\$9.3M/average \$1.2M per year), operational benefits resulting in cost avoidance and revenue opportunities will be realized for leachate collection and treatment as well as for improved landfill gas management with every year longer the landfill is capped.

**KEY RISKS & MITIGATING STRATEGY**

Ref to Pg 10 of the attached Business Case for detail.

Risk #1: The ability to obtain enough quality clay to allow the capping in the timeline proposed.

Risk #2: The effect Anthony Henday construction on contracted equip and matl haulage costs.

**RESOURCES**

Lead by A Proj Engineer. In house design, with the help of consultants and a landscape architect. The supply & construction will be publicly tendered. The Engineers or technicians will monitor & provide surveying services. No new FTE requested.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

### Conclusion

To proceed with the capping activities for the landfill in the proposed timeline of the preferred scenario as early as possible by 2021. The capping is an absolute requirement under the operating approval and regulation of ESRD.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Landfill Capping and Revegetation****FUNDED**PROFILE NUMBER: **15-33-2030**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Current Approved Budget	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Approved Funding Sources												
	Waste Mgt Retained Earnings	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Current Approved Funding Sources	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Requested Funding Source												
	Waste Mgt Retained Earnings	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Requested Funding Source	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989
	Total	-	1,535	1,519	958	1,392	1,673	233	1,679	-	-	-	8,989

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REFUSE DERIVED FUEL DRYER**  
 PROFILE: **15-33-2031**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2016
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Service Category:	Utilities
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	9,950
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	9,950
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**PROFILE DESCRIPTION**

This project will review applicable drying technologies for RDF and tender for the design, supply, and installation of a natural-gas fired dryer. The potential of using waste heat from the Anaerobic Digestion Facility (Profile 13-33-2023) and/or from the Waste to Biofuels Facility itself will be investigated as means of reducing fuel requirements. Vendors' proposals will be evaluated on both capital and operating costs (life cycle costs) & other factors. It will take 18 months from concept to commissioning. The current estimate of \$9,95M is based on a preliminary functional concept. It includes the purchase and installation of a natural-gas fired dryer, any required modification to existing conveyors, the purchase and installation of emissions control equip. & installation of platforms and other structures to ensure accessibility for maint. activity. It will allow for product bypass in the case of required maint. to the dryer or redirection of dry RDF directly to the Enerkem facility.

**PROFILE BACKGROUND**

The Refused Derived Fuel section of the IPTF began commissioning in 2013. Equip. & processes at the IPTF separate organics from other waste, but some organics and a large amount of moisture are still present in the RDF product. Results achieved during commissioning confirmed that the moisture level in RDF produced from municipal solid waste feedstock fluctuates widely and is consistently above the amount agreed to with Enerkem. The amount was agreed to 10 years ago, & was based on pilot tests with the mix of feed stocks and processes which produced a drier RDF. The feedstock blend at the time was to include a significant fraction of chipped waste wood, which is quite dry and reduces the average RDF moisture content. While wood can still be used to serve that purpose, supply is not as available as anticipated. The greatest benefit of the Waste to Biofuels program arises from the processing of non-recyclable waste, which would otherwise be landfilled. Wood can be put to other uses.

**PROFILE JUSTIFICATION**

The project is justified by the need to provide the ability to consistently deliver RDF within the range of acceptable moisture content set out in the City's agreement with Enerkem. While Enerkem has indicated preparedness to address excess moisture for a fee, this project provides a lower lifecycle cost solution which will also contribute to optimal performance of the Waste to Biofuels program on the whole. Compared to the alternative of paying surcharges, the payback period of this project is achieved within 11 years, the Internal Rate of Return is 10.73%, and the Net Present Value is \$4,830,000.

**STRATEGIC ALIGNMENT**

The capital profile is aligned with the goals and objectives of "The Way We Green" as it relates to minimizing the impacts of City operations on the environment, in the form of land, air, and water.

**ALTERNATIVES CONSIDERED**

1. Accept the Higher Moisture Contact and - Pay a Fee to Enerkem
2. Source separated collection
3. Improve the separation of organic materials at the IPTF
4. Bio-drying
5. Blend in drier feedstocks

**COST BENEFITS**

Contract with EAB requires the supply of 100K dry tonnes/yr of RDF to the Biofuels Facility. EAB estimates that their production loss if the City did not dry RDF, would amt to \$20/tonne. Estimates from utility suppliers would be about \$5/tonne. The dryer system's op. costs would be \$7-\$10/tonne. Possible to reduce costs if an effective waste heat recovery system can be paired with either the planned anaerobic digestion or the biofuels facility.

**KEY RISKS & MITIGATING STRATEGY**

Some dryer technologies are still in the developmental phase.  
 Dryers can have high op costs.  
 Possible to have fixed prices for the equip, but installation will be based on the Alta and Edm labour market, which is currently overheated.



# CAPITAL PROFILE REPORT

## RESOURCES

Lead by a WM Proj Engineer, with input from the Gen Supervisor of IPTF, the Op.Supervisor and Leaders, the Maint. Contractor, and consultants when needed.

The Proj Engineer will manage and administer the Contractor during the construction phase.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that this profile be approved & proceed with detailed design, procurement and installation of the system on a fast track schedule to be operational in a time frame coinciding with the Biofuels Facility reaching full production.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Refuse Derived Fuel Dryer****FUNDED**PROFILE NUMBER: **15-33-2031**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950
	Current Approved Budget	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950
	Approved Funding Sources												
	Self-Liquidating Debentures	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950
	Current Approved Funding Sources	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950
	Requested Funding Source												
	Self-Liquidating Debentures	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950
	Requested Funding Source	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	6,650	-	-	-	-	-	-	-	-	6,650
	Design	-	200	-	-	-	-	-	-	-	-	-	200
	Other Costs	-	-	300	-	-	-	-	-	-	-	-	300
	Technology	-	2,800	-	-	-	-	-	-	-	-	-	2,800
	Total	-	3,000	6,950	-	-	-	-	-	-	-	-	9,950

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	<b>INTEGRATED PROCESSING AND TRANSFER FACILITY EXPANSION</b>	<b>FUNDED</b>
PROFILE	<b>16-33-2017</b>	<b>PROFILE STAGE: Post Budget Approval</b>
DEPARTMENT:	<b>Financial Services &amp; Utilities - Utilities</b>	<b>PROFILE TYPE: Standalone</b>
BRANCH:	<b>Waste Management Services</b>	PROFILE MANAGER: <b>Leo Girard</b>
PROGRAM NAME:		LEAD BRANCH MANAGER:
LEAD BRANCH:	<b>Waste Management Services</b>	ESTIMATED START: <b>January, 2015</b>
BUDGET CYCLE:	<b>2015-2018 run for 2015</b>	ESTIMATED COMPLETION: <b>December, 2018</b>

<b>Service Category:</b>	<b>Utilities</b>	<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>22,270</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>22,270</b>

**PROFILE DESCRIPTION**

The Integrated Processing & Transfer Facility (IPTF) consists of 3 processes. Tip floor & Transfer Station, Pre-processing & Refuse Derived Fuel (RDF). Pre-processing's current capacity is 250,000 tonnes/yr. Projected capacity to meet commitments once Biofuels & Anaerobic Digestion facilities are at full capacity is 280,000 tonnes/yr. The RDF equipment was designed with 2 shredder lines & space to add 2 more as needed. Capacity is projected to be 110,000 dry tonnes/yr, close to commitments of 100,000 dry tonnes/yr. This leaves little room for performance shortfalls or downtime. In addition, 1 pre-shredder supplies the 2 process lines. Lack of redundancy for this key piece increases risk of supply shortfalls. This project will review efficiency & performance of existing equip, develop designs & specifications for new processes and/or equipment as needed and install & commission new equipment.

**PROFILE BACKGROUND**

The IPTF accepts all collected residential & commercial waste which is brought to the Waste Management Centre (EWM). Waste is processed to extract organics & recyclables and to produce RDF. Remainder is transported to landfill. This project is to expand processing capacity to ensure increasing volumes can be processed. Problem/Opportunity: The IPTF Pre-processing component is under capacity @ peak times already. Opportunity to further optimize the RDF component to increase margin for error & enable Biofuels to accept more, further advances City's goals for waste diversion. Part of RDF processing circuit is single train & failure of one large piece of equip would idle the complete circuit. There are occasions when waste is diverted to landfill due to equip failures, unscheduled maintenance & other issues. Current Situation: To achieve target of 90% diversion for residential waste, IPTF capacity needs to increase to meet feedstock demands of Biofuels & Anaerobic Digestion Facilities.

**PROFILE JUSTIFICATION**

As residential waste volumes increase & more commercial waste contracts awarded, preparation for processing increased waste volumes are required. It is projected that by 2017, the IPTF will not be able to process all incoming waste during high volume periods. Failure to handle all incoming waste means that some portion will be diverted directly to landfill, resulting in no diversion of organics recyclables, or remaining material to Refuse Derived Fuel for the Biofuels facility. To achieve and maintain targeted 90% residential waste diversion & provide room for longer term growth in both residential and commercial diversion programs, this project will take advantage of growth in processing capacity at the downstream organics and Waste to Biofuels facilities by providing the requisite feedstock preparation capacity. At the same time, a review of latest technology and processes will ensure the most effective and efficient process design is developed for the additional material.

**STRATEGIC ALIGNMENT**

The project supports the business plan goals of maximizing residential waste diversion from landfill, increasing diversion of ICI waste, and improving efficiency and effectiveness of operations.

**ALTERNATIVES CONSIDERED**

The only alternative to this project is to operate the IPTF on a two-shift basis. This would allow for more processing time, but with longer storage periods for material on the tip floor (deliveries are only during day shift).

**COST BENEFITS**

This project will result in higher operating and capital costs, with the only savings being reduced costs to haul and landfill waste material.

**KEY RISKS & MITIGATING STRATEGY**

Main risks are associated with new technologies that may be used. These risks will be mitigated by extensive review and observations of the technology use in other jurisdictions.

**RESOURCES**

The project will be led by a Waste Management Services Project Engineer, with input from the G.S. and Supervisor of IPTF Operations, the contracted Facility Maintenance Contractor, and consultants as necessary.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that existing studies be completed and a design concept be finalized before final approval is requested for this project.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Integrated Processing and Transfer Facility Expansion****FUNDED**PROFILE NUMBER: **16-33-2017**PROFILE TYPE: **Standalone**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270
	Current Approved Budget	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270
	Approved Funding Sources												
	Self-Liquidating Debentures	-	-	2,770	12,000	-	-	-	-	-	-	-	14,770
	Waste Mgt Retained Earnings	-	-	-	-	7,500	-	-	-	-	-	-	7,500
	Current Approved Funding Sources	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270
	Requested Funding Source												
	Self-Liquidating Debentures	-	-	2,770	12,000	-	-	-	-	-	-	-	14,770
	Waste Mgt Retained Earnings	-	-	-	-	7,500	-	-	-	-	-	-	7,500
	Requested Funding Source	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270
	Total	-	-	2,770	12,000	7,500	-	-	-	-	-	-	22,270

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EWMC SITE INFRASTRUCTURE**  
 PROFILE: **CM-33-1933**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH	RENEWAL
50	50

PREVIOUSLY APPROVED:	9,904
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	9,904

**PROFILE DESCRIPTION**

Provide funding for upgrades & capital replacements for facilities & infrastructure of the Waste Management Utility. These upgrades or replacements may be required due to age of the infrastructure, using the equipment or infrastructure for different purposes than original design, safety improvements, or other improvements to increase efficiency and/or effectiveness. Scope: Includes all upgrades & capital replacements for facilities & infrastructure at EWMC, Eco Stations, & Kennedale sites. May include new equipment, changes in existing equipment, access platforms, and upgrades to ventilation/other building systems. New facility is a Central Warehouse @ EWMC. Currently spare parts are stored in individual facilities in uncontrolled areas. Out of Scope: Maintenance & replacements in kind are excluded, as not considered capital. Larger projects (over \$2M) are excluded. They have been split out into separate profiles for consideration. Corporate Properties assets are also out of scope.

**PROFILE BACKGROUND**

The WMU assets include solid waste processing; research facilities; collections staff; equipment facilities, & Eco Stations, which require sustaining or enhancement projects to continue to process waste effectively and efficiently.

Sustaining projects are those that replace or renew existing systems that may be near end of life and equip. that may have reduced efficiency due to age or new application.

Improvement projects are improvements that relate to safety, operator effort, capacity, or efficiency.

Previously, composite profiles for EWMC Facilities, EWMC Infrastructure, and Collections Facilities and Infrastructure were entered into the WMU capital budget and approved. This request for approval seeks to continue this practice.

Safety concerns, improvement ideas, and efficiency issues are reviewed by Engineering, they are prioritized in terms of resolving or improving safety issues, showing the best improvement to waste diversion, or providing the best payback.

**PROFILE JUSTIFICATION**

The non-uniform nature of solid waste makes it difficult to consider all possibilities in design of new facilities and processing systems. This profile will allow for the planned and timely renewal & upgrade to key facilities and operating infrastructure. Improvement of working conditions, increase efficiency & effectiveness, & reduction of maintenance costs for all waste processing facilities. The anticipated outcome of this profile is facilities, infrastructure, & processes that are safe, efficient, effective, & sustainable. Critical success factors will be close observation & measurement of operating results & identification of causes for not meeting operating objectives. Cooperation with Building Maintenance is critical for timely & efficient completion of work. Buildings that are owned/maintained by Corporate Properties, it is beneficial to coordinate changes/upgrades with scheduled maintenance work.

**STRATEGIC ALIGNMENT**

This profile supports the business goal of reaching 90% residential waste diversion. It also supports the business goals of continuous improvement and reduction of costs for existing programs.

**ALTERNATIVES CONSIDERED**

Alternatives to the capital profile are outlined on page 14 of attached Business Case document and identify potential options to manage existing facility and infrastructure renewal, upgrade or expansion.

**COST BENEFITS**

Keeping the equipment & infrastructure up to date reduces down time (leads to overtime), ensures waste collection & processing is effective as possible. When facilities, equipment, or infrastructure require refurbishment/replacement, an economic analysis will be conducted to determine best course of action from a life-cycle perspective.

See detail analysis & cost breakdown on Page 16 & 17 of the attached Business Case document.

**KEY RISKS & MITIGATING STRATEGY**

Key risks are equipment pricing and installation labour pricing.

A Table listing risks and alternatives can be found on page 19 of attached Business Case document.

# CAPITAL PROFILE REPORT

## RESOURCES

It will be led by WM Proj. Engineers, or in collaboration with Bldgs Services. Once designs and equip. spec. have been finalized, these will be issued for tender. The Engineer will manage and administer the Contractors during the construction phase.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 2, status quo is recommended.

It will continue the practice of ensuring continuous improvement in efficiency, effectiveness, safety, and working conditions occur.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **EWMC Site Infrastructure****FUNDED**PROFILE NUMBER: **CM-33-1933**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904
	Current Approved Budget	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904
	Approved Funding Sources												
	Self-Liquidating Debentures	-	2,295	1,676	2,047	1,500	-	-	-	-	-	-	7,518
	Waste Mgt Retained Earnings	-	-	-	-	2,386	-	-	-	-	-	-	2,386
	Current Approved Funding Sources	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904
	Requested Funding Source												
	Self-Liquidating Debentures	-	2,295	1,676	2,047	1,500	-	-	-	-	-	-	7,518
	Waste Mgt Retained Earnings	-	-	-	-	2,386	-	-	-	-	-	-	2,386
	Requested Funding Source	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904
	Total	-	2,295	1,676	2,047	3,886	-	-	-	-	-	-	9,904

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WASTE CONTAINERS**  
 PROFILE: **CM-33-2005**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH	RENEWAL
20	80

PREVIOUSLY APPROVED:	9,955
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	9,955

**PROFILE DESCRIPTION**

Waste container assets are required for daily operations related to residential and non-residential waste collection in Edmonton. The City of Edmonton owns front end containers for servicing the multi-family sector, side load containers for the Community Recycling Depots, litter containers, and roll-off containers for Big Bin Events and the Commercial Waste Collection program.

**PROFILE BACKGROUND**

The Waste Management Utility has approximately 11,000 containers with an average 15-year lifecycle that will require replacement. New containers are also required for growth in residential and non-residential services. The majority of the containers were purchased between 2000 and 2002 and are nearing the end of their useful life. The Utility operates a container maintenance program to place containers for service, replace parts and pick up for refurbishing when required. Containers that are still structurally sound may be refurbished to extend their service life. However, some containers are damaged by fire or have other structural failures that require early replacement. The current replacement schedule is around 1,200 containers per year.

**PROFILE JUSTIFICATION**

A sustainable container acquisition program is necessary to support collection service level expectations for waste and recycling services. Appropriate container management and timely acquisition of replacement and growth containers avoids asset deterioration, helps maintain customer service, enhances the appearance of the City of Edmonton and helps to control contract cost escalation.

**STRATEGIC ALIGNMENT**

This project supports the business plan goals of maximizing residential waste diversion from landfill and improving efficiency and effectiveness of operations.

**ALTERNATIVES CONSIDERED**

Potential alternatives to be analyzed include continue funding through capital, leasing containers, and developers of new multi family properties supply containers.

**COST BENEFITS**

The alternatives were evaluated based on the demand for containers, the impact on direct operating costs, depreciation, financing expense and capital costs. Alternative 1 is slightly more than Alternative 3 but operationally simpler and provides a consistent product with the opportunity to earn an earlier return on rate base where applicable.

**KEY RISKS & MITIGATING STRATEGY**

The highest risk is Alternative 2 in that there is a limited number of manufacturers or leasing companies to provide containers. Other risks evaluated for all alternatives were low to medium.

**RESOURCES**

This project is lead by the Collection Project Engineer who oversees the specifications of the bins.

**CONCLUSIONS AND RECOMMENDATIONS**

Continue Funding Through Capital is recommended. This will continue to manage the inventory of containers to achieve maximum life while reducing the cost of service delivery and retaining the potential to earn a return on rate base for the Utility.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Waste Containers****FUNDED**PROFILE NUMBER: **CM-33-2005**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Current Approved Budget	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Approved Funding Sources												
	Self-Liquidating Debentures	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Current Approved Funding Sources	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Requested Funding Source												
	Self-Liquidating Debentures	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Requested Funding Source	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955
	Total	-	2,650	2,200	2,450	2,655	-	-	-	-	-	-	9,955

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EQUIPMENT ACQUISITION (P&D)**  
 PROFILE: **CM-33-2009**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	11,862
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,862
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**PROFILE DESCRIPTION**

This business case reviews alternatives and requests funding for the acquisition of 92 replacement vehicles, 29 growth vehicles and specialized equipment for Waste Management Utility daily operations. The proposed initiative includes funding by the Waste Management Utility for growth and a portion of the replacement vehicles funded by Fleet Services until 2016. Waste Management Utility funding is outlined in Collection Equipment profile CM-33-2018 and Edmonton Waste Management Centre profile CM-33-2009.

**Scope**

Timeframe: 2015–2018 Business Plan

Department/Organization: Waste Management Utility

Function: The profile is required to provide the funding for growth and replacement equipment and vehicles required for the daily operations of the Collection and Processing and Disposal sections.

Technology: N/A

**Out of Scope**

Light duty equipment leased by Materials Management

Fixed or non-mobile equipment

**PROFILE BACKGROUND**

The four-year capital plan for vehicles and equipment, which must be financed through rates, identifies 92 vehicles required for replacement and 29 units (8 of these replace currently leased light vehicles) for growth to meet residential collection and waste processing demands. The level of funding requested will enable the Utility to continue to satisfy commitments to residents as set out in the Waste Management Fiscal Policy and the 2008 Waste Management Strategic Plan Update.

**PROFILE JUSTIFICATION**

The WMU must finance capital costs thru rates & not tax supported debt. The funding requested will enable the Utility to satisfy commitments to residents as set out in the WM Fiscal Policy & the 2008 WM Strategic Plan Update.

**Anticipated Outcomes:**

- (1) Maintain a high level of customer service  
Goal: 97% satisfaction rating
- (2) Maintain an effective fleet  
Goal: 85% fleet availability in partnership with Fleet Services
- (3) Maintain effective fleet lifecycle management  
Goal: 2016

Fleet replacements are required on an ongoing basis & new equip. is needed to address growth. Edmonton population is anticipated to increase by 2.1%/year with over 10,000 housing starts yearly. It will require add'l fleet to service single & multi-family homes and to deliver other core programs.

Timing of acquisition affects pricing, delivery dates & service levels. Exchange rates also has a significant impact on cost. Fleet services & procurement expertise is also required.

**STRATEGIC ALIGNMENT**

See Pg 7 &amp; 8 of the attached Business Case document.

**ALTERNATIVES CONSIDERED**

See Pg 9 &amp; 10 of the attached Business Case document.

**COST BENEFITS**

See Pg 11 &amp; 12 of the attached Business Case document.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

See Pg 13 of the attached Business Case document.

## RESOURCES

It will be led by the Equip.Supervisor who will arrange for equip. refurbishment and/or replacement through Fleet Services. For new equip., a Proj Engineer, with the operating group, will develop equip. spec & an RFP for purchase direct from vendors.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 1, Status Quo, is recommended for the acquisition of growth and replacement vehicles.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Equipment Acquisition (P&D)****FUNDED**PROFILE NUMBER: **CM-33-2009**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Current Approved Budget	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Approved Funding Sources												
	Self-Liquidating Debentures	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Current Approved Funding Sources	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Requested Funding Source												
	Self-Liquidating Debentures	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Requested Funding Source	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Fleet Equipment	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862
	Total	-	1,920	3,147	2,191	4,604	-	-	-	-	-	-	11,862

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EQUIPMENT ACQ - COLLECTIONS**  
 PROFILE: **CM-33-2018**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Leo Girard**  
 LEAD BRANCH MANAGER: **Leo Girard**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2024**

Service Category: Utilities		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,755</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,755</b>

**PROFILE DESCRIPTION**

This business case reviews alternatives and requests funding for the acquisition of 92 replacement vehicles, 29 growth vehicles and specialized equipment for Waste Management Utility daily operations. The proposed initiative includes funding by the Waste Management Utility for growth and a portion of the replacement vehicles funded by Fleet Services until 2016. Waste Management Utility funding is outlined in Collection Equipment profile CM-33-2018 and Edmonton Waste Management Centre profile CM-33-2009.

**Scope**

Timeframe: 2015–2018 Business Plan

Department/Organization: Waste Management Utility

Function: The profile is required to provide the funding for growth and replacement equipment and vehicles required for the daily operations of the Collection and Processing and Disposal sections.

Technology: N/A

**Out of Scope**

Light duty equipment leased by Materials Management

Fixed or non-mobile equipment

**PROFILE BACKGROUND**

The four-year capital plan for vehicles and equipment, which must be financed through rates, identifies 92 vehicles required for replacement and 29 units (8 of these replace currently leased light vehicles) for growth to meet residential collection and waste processing demands. The level of funding requested will enable the Utility to continue to satisfy commitments to residents as set out in the Waste Management Fiscal Policy and the 2008 Waste Management Strategic Plan Update.

**PROFILE JUSTIFICATION**

The WMU must finance capital costs thru rates & not tax supported debt. The funding requested will enable the Utility to satisfy commitments to residents as set out in the WM Fiscal Policy & the 2008 WM Strategic Plan Update.

**Anticipated Outcomes:**

- (1) Maintain a high level of customer service  
Goal: 97% satisfaction rating
- (2) Maintain an effective fleet  
Goal: 85% fleet availability in partnership with Fleet Services
- (3) Maintain effective fleet lifecycle management  
Goal: 2016

Fleet replacements are required on an ongoing basis & new equip. is needed to address growth. Edmonton population is anticipated to increase by 2.1%/year with over 10,000 housing starts yearly. It will require add'l fleet to service single & multi-family homes and to deliver other core programs.

Timing of acquisition affects pricing, delivery dates & service levels. Exchange rates also has a significant impact on cost. Fleet services & procurement expertise is also required.

**STRATEGIC ALIGNMENT**

See Pg 7 & 8 of the attached Business Case document.

**ALTERNATIVES CONSIDERED**

See Pg 9 & 10 of the attached Business Case document.

**COST BENEFITS**

See Pg 11 & 12 of the attached Business Case document.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

See Pg 13 of the attached Business Case document.

## RESOURCES

It will be led by the Equip.Supervisor who will arrange for equip. refurbishment and/or replacement through Fleet Services. For new equip., a Proj Engineer, with the operating group, will develop equip. spec & an RFP for purchase direct from vendors.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 1, Status Quo, is recommended for the acquisition of growth and replacement vehicles.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Equipment Acq - Collections****FUNDED**PROFILE NUMBER: **CM-33-2018**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Current Approved Budget	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Approved Funding Sources												
	Waste Mgt Retained Earnings	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Current Approved Funding Sources	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Requested Funding Source												
	Waste Mgt Retained Earnings	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Requested Funding Source	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Fleet Equipment	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755
	Total	-	2,007	2,428	4,123	4,197	-	-	-	-	-	-	12,755

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EWMC FACILITIES**  
 PROFILE: **CM-33-2019**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Utilities
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Major Initiative:	
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GROWTH	RENEWAL
50	50

PREVIOUSLY APPROVED:	17,422
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	17,422
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**PROFILE DESCRIPTION**

Provide funding for upgrades & capital replacements for facilities & infrastructure of the Waste Management Utility. These upgrades or replacements may be required due to age of the infrastructure, using the equipment or infrastructure for different purposes than original design, safety improvements, or other improvements to increase efficiency and/or effectiveness. Scope: Includes all upgrades & capital replacements for facilities & infrastructure at EWMC, Eco Stations, & Kennedale sites. May include new equipment, changes in existing equipment, access platforms, and upgrades to ventilation/other building systems. New facility is a Central Warehouse @ EWMC. Currently spare parts are stored in individual facilities in uncontrolled areas. Out of Scope: Maintenance & replacements in kind are excluded, as not considered capital. Larger projects (over \$2M) are excluded. They have been split out into separate profiles for consideration. Corporate Properties assets are also out of scope.

**PROFILE BACKGROUND**

The WMU assets include solid waste processing; research facilities; collections staff; equipment facilities, & Eco Stations, which require sustaining or enhancement projects to continue to process waste effectively and efficiently.

Sustaining projects are those that replace or renew existing systems that may be near end of life and equip. that may have reduced efficiency due to age or new application.

Improvement projects are improvements that relate to safety, operator effort, capacity, or efficiency.

Previously, composite profiles for EWMC Facilities, EWMC Infrastructure, and Collections Facilities and Infrastructure were entered into the WMU capital budget and approved. This request for approval seeks to continue this practice.

Safety concerns, improvement ideas, and efficiency issues are reviewed by Engineering, they are prioritized in terms of resolving or improving safety issues, showing the best improvement to waste diversion, or providing the best payback.

**PROFILE JUSTIFICATION**

The non-uniform nature of solid waste makes it difficult to consider all possibilities in design of new facilities and processing systems. This profile will allow for the planned and timely renewal & upgrade to key facilities and operating infrastructure. Improvement of working conditions, increase efficiency & effectiveness, & reduction of maintenance costs for all waste processing facilities. The anticipated outcome of this profile is facilities, infrastructure, & processes that are safe, efficient, effective, & sustainable. Critical success factors will be close observation & measurement of operating results & identification of causes for not meeting operating objectives. Cooperation with Building Maintenance is critical for timely & efficient completion of work. Buildings that are owned/maintained by Corporate Properties, it is beneficial to coordinate changes/upgrades with scheduled maintenance work.

**STRATEGIC ALIGNMENT**

This profile supports the business goal of reaching 90% residential waste diversion. It also supports the business goals of continuous improvement and reduction of costs for existing programs.

**ALTERNATIVES CONSIDERED**

Alternatives to the capital profile are outlined on page 14 of attached Business Case document and identify potential options to manage existing facility and infrastructure renewal, upgrade or expansion.

**COST BENEFITS**

Keeping the equipment & infrastructure up to date reduces down time (leads to overtime), ensures waste collection & processing is effective as possible. When facilities, equipment, or infrastructure require refurbishment/replacement, an economic analysis will be conducted to determine best course of action from a life-cycle perspective.

See detail analysis & cost breakdown on Page 16 & 17 of the attached Business Case document.

**KEY RISKS & MITIGATING STRATEGY**

Key risks are equipment pricing and installation labour pricing.

A Table listing risks and alternatives can be found on page 19 of attached Business Case document.



# CAPITAL PROFILE REPORT

## RESOURCES

It will be led by WM Proj. Engineers, or in collaboration with Bldgs Services. Once designs and equip. spec. have been finalized, these will be issued for tender. The Engineer will manage and administer the Contractors during the construction phase.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 2, status quo is recommended.

It will continue the practice of ensuring continuous improvement in efficiency, effectiveness, safety, and working conditions occur.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **EWMC Facilities****FUNDED**PROFILE NUMBER: **CM-33-2019**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Current Approved Budget	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Approved Funding Sources												
	Self-Liquidating Debentures	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Current Approved Funding Sources	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Requested Funding Source												
	Self-Liquidating Debentures	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Requested Funding Source	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422
	Total	-	6,332	4,440	3,233	3,417	-	-	-	-	-	-	17,422

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COLLECTION FACILITIES AND INFRASTRUCTURE**  
 PROFILE: **CM-33-2028**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Utilities
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Major Initiative:	
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GROWTH	RENEWAL
50	50

PREVIOUSLY APPROVED:	3,325
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	3,325

**PROFILE DESCRIPTION**

Provide funding for upgrades & capital replacements for facilities & infrastructure of the Waste Management Utility. These upgrades or replacements may be required due to age of the infrastructure, using the equipment or infrastructure for different purposes than original design, safety improvements, or other improvements to increase efficiency and/or effectiveness. Scope: Includes all upgrades & capital replacements for facilities & infrastructure at EWMC, Eco Stations, & Kennedale sites. May include new equipment, changes in existing equipment, access platforms, and upgrades to ventilation/other building systems. New facility is a Central Warehouse @ EWMC. Currently spare parts are stored in individual facilities in uncontrolled areas. Out of Scope: Maintenance & replacements in kind are excluded, as not considered capital. Larger projects (over \$2M) are excluded. They have been split out into separate profiles for consideration. Corporate Properties assets are also out of scope.

**PROFILE BACKGROUND**

The WMU assets include solid waste processing; research facilities; collections staff; equipment facilities, & Eco Stations, which require sustaining or enhancement projects to continue to process waste effectively and efficiently.

Sustaining projects are those that replace or renew existing systems that may be near end of life and equip. that may have reduced efficiency due to age or new application.

Improvement projects are improvements that relate to safety, operator effort, capacity, or efficiency.

Previously, composite profiles for EWMC Facilities, EWMC Infrastructure, and Collections Facilities and Infrastructure were entered into the WMU capital budget and approved. This request for approval seeks to continue this practice.

Safety concerns, improvement ideas, and efficiency issues are reviewed by Engineering, they are prioritized in terms of resolving or improving safety issues, showing the best improvement to waste diversion, or providing the best payback.

**PROFILE JUSTIFICATION**

The non-uniform nature of solid waste makes it difficult to consider all possibilities in design of new facilities and processing systems. This profile will allow for the planned and timely renewal & upgrade to key facilities and operating infrastructure. Improvement of working conditions, increase efficiency & effectiveness, & reduction of maintenance costs for all waste processing facilities. The anticipated outcome of this profile is facilities, infrastructure, & processes that are safe, efficient, effective, & sustainable. Critical success factors will be close observation & measurement of operating results & identification of causes for not meeting operating objectives. Cooperation with Building Maintenance is critical for timely & efficient completion of work. Buildings that are owned/maintained by Corporate Properties, it is beneficial to coordinate changes/upgrades with scheduled maintenance work.

**STRATEGIC ALIGNMENT**

This profile supports the business goal of reaching 90% residential waste diversion. It also supports the business goals of continuous improvement and reduction of costs for existing programs.

**ALTERNATIVES CONSIDERED**

Alternatives to the capital profile are outlined on page 14 of attached Business Case document and identify potential options to manage existing facility and infrastructure renewal, upgrade or expansion.

**COST BENEFITS**

Keeping the equipment & infrastructure up to date reduces down time (leads to overtime), ensures waste collection & processing is effective as possible. When facilities, equipment, or infrastructure require refurbishment/replacement, an economic analysis will be conducted to determine best course of action from a life-cycle perspective.

See detail analysis & cost breakdown on Page 16 & 17 of the attached Business Case document.

**KEY RISKS & MITIGATING STRATEGY**

Key risks are equipment pricing and installation labour pricing.

A Table listing risks and alternatives can be found on page 19 of attached Business Case document.

# CAPITAL PROFILE REPORT

## RESOURCES

It will be led by WM Proj. Engineers, or in collaboration with Bldgs Services. Once designs and equip. spec. have been finalized, these will be issued for tender. The Engineer will manage and administer the Contractors during the construction phase.

## CONCLUSIONS AND RECOMMENDATIONS

Alternative 2, status quo is recommended.

It will continue the practice of ensuring continuous improvement in efficiency, effectiveness, safety, and working conditions occur.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Collection Facilities and Infrastructure****FUNDED**PROFILE NUMBER: **CM-33-2028**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Current Approved Budget	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Approved Funding Sources												
	Self-Liquidating Debentures	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Current Approved Funding Sources	-	400	850	725	1,350	-	-	-	-	-	-	3,325

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Requested Funding Source												
	Self-Liquidating Debentures	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Requested Funding Source	-	400	850	725	1,350	-	-	-	-	-	-	3,325

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	400	850	725	1,350	-	-	-	-	-	-	3,325
	Total	-	400	850	725	1,350	-	-	-	-	-	-	3,325

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARTERIAL ROADWAY ASSESSMENT (ARA)**  
 PROFILE: **CM-33-2035**  
 DEPARTMENT: **Financial Services & Utilities - Utilities**  
 BRANCH: **Waste Management Services**  
 PROGRAM NAME:  
 LEAD BRANCH: **Waste Management Services**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Leo Girard
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LEAD BRANCH MANAGER:	Leo Girard
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Utilities
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Major Initiative:	
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<b>GROWTH</b>	<b>RENEWAL</b>
50	50

PREVIOUSLY APPROVED:	2,000
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	2,000

**PROFILE DESCRIPTION**

Initiative Description  
Financing and payment of outstanding ARA amounts.

**Scope**

The scope is to establish the funding plan to pay the assessments over a period of 12 years at \$500,000 per year to meet the total currently projected amounts outstanding of \$6,000,000. The figure is approximate and is adjusted regularly to align with fluctuations in construction costs and updated plans. Likewise, the amounts would be adjusted annually based on latest information.

**Out of Scope:**

There are no other items in the scope.

**PROFILE BACKGROUND**

This profile is to commit funds to pay the Arterial Roadway Assessment (ARA) for the entire Edmonton Waste Management Centre (EWMC). In 2006, Bylaw 14380 was enacted to collect an assessment for development of arterial roadways. Since that time the Waste Management Utility has paid over \$800,000 in assessments. The Utility has been advised that the outstanding assessment due is on the order of \$6,000,000. The assessment is mostly for the construction of the new Aurum Way arterial roadway running east from a new interchange now under construction on Anthony Henday Drive (AHD). The bylaw calls for assessments to be calculated on a per-hectare basis as development takes place on the "catchment" lands.

**PROFILE JUSTIFICATION**

The ARA amounts are required by Transportation Department to cover costs of establishing arterial roads in the Clover Bar area, notably Aurum Way. Much of the roadway has been built with assessments collected from private developers of the Aurum Energy Park. As the road is completed, and as development continues, early contributors are entitled to "refunds" of some portion of their contributions to even out the final net expenses between the developments benefiting from the roadways.

Since the funding must arise and be redistributed as described above, this project proposes a rationale for a distributed schedule of payments that will give certainty to both the Waste Management Utility and the Transportation Department as to how and when the amounts will flow.

**STRATEGIC ALIGNMENT**

The project best aligns with the One City culture and with the goals and objectives of The Way We Finance.

**ALTERNATIVES CONSIDERED**

Alternative 1: Per the bylaw function, the Utility will be assessed amounts with each development permit taken out.

Alternative 2: Per this profile – payments made by the Utility on an annual basis with a fixed schedule.

**COST BENEFITS**

The costs and benefits vary for each alternative for the various stakeholders. This discussion aims to establish the means for the moneys to be made available.

If the capital profile as presented here is the chosen solution, the main advantage is clarity and certainty on the rate of cash flow.

**KEY RISKS & MITIGATING STRATEGY**

Once a solution is chosen, there are no substantive risks that it cannot be successfully implemented.

**RESOURCES**

The details of the chosen solution will be worked out by the senior staff of the two stakeholder departments.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

To implement a multi-year capital prog as alt 2 to fund the ARA obligation over a period of up to 12 years. The details of the payment plan, amt, and schedule should be agreed to between the FSU and the Transportation Dept & seek Council's approval.

**CAPITAL PROFILE REPORT**PROFILE NAME: **Arterial Roadway Assessment (ARA)****FUNDED**PROFILE NUMBER: **CM-33-2035**PROFILE TYPE: **Composite**BRANCH: **Waste Management Services**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	500	500	500	500	-	-	-	-	-	-	2,000
	Current Approved Budget	-	500	500	500	500	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Self-Liquidating Debentures	-	500	500	500	500	-	-	-	-	-	-	2,000
	Current Approved Funding Sources	-	500	500	500	500	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	500	500	500	500	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Self-Liquidating Debentures	-	500	500	500	500	-	-	-	-	-	-	2,000
	Requested Funding Source	-	500	500	500	500	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	-	500	500	500	500	-	-	-	-	-	-	2,000
	Total	-	500	500	500	500	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BLATCHFORD REDEVELOPMENT IMPLEMENTATION**  
 PROFILE: **14-02-2106**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Blatchford Redevelopment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Blatchford Redevelopment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Mark Hall
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LEAD BRANCH MANAGER:	Mark Hall
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2023
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	631,925
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	631,925
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**PROFILE DESCRIPTION**

Development of former City Centre Airport into a sustainable mixed use community: planning, preliminary and detailed engineering, construction of infrastructure, and sale of serviced properties.

**PROFILE BACKGROUND**

Blatchford will be a world-leading mixed-use community for up to 30,000 people. As set out in Council's vision, this walkable, transit-oriented, family-friendly and sustainable community will be built over 20–25 years, with the first stage starting in 2014.

July 2009 City Council voted to redevelop and close (in phases) the City Centre Airport. May 16, 2012, Council approved the City Centre Area Redevelopment Plan (Bylaw 16033), establishing the framework for future implementation of the redevelopment concept. In November 2013, the City Centre Airport closed.

**PROFILE JUSTIFICATION**

On June 10, 2014 City Council approved the Blatchford Concept Plan Implementation report and Business Case report which described the proposed approach to achieve the Council defined vision for the project and the objectives of the Area Redevelopment Plan. The detailed financial analysis for the recommended scenario (5A) was also approved, along with Council's first motion to have administration provide a Capital Profile and funding strategy for Council's consideration.

**STRATEGIC ALIGNMENT**

Blatchford contributes to The Way Ahead by increasing density; to The Way We Grow by being healthy and livable; to The Way We Move by enhancing use of transit, walking and bikes; and to The Way We Green by being a sustainable community.

**ALTERNATIVES CONSIDERED**

The June 10, 2014 Business Case report to Council included the recommended and approved scenario along with 4 others. The proforma evaluates each stage, including an analysis of requirements (capital, servicing & resources) vs. financial return.

**COST BENEFITS**

Project cost estimates include traditional on-site charges (e.g. sewer, road, earthwork, curb/gutter) and non-traditional outcomes such as a district energy system, low impact drainage design features, urban agriculture opportunities and significantly enhanced park space. Blatchford will generate net profit, from which investments will be made in strategic municipal initiatives and environmentally sustainable infrastructure.

**KEY RISKS & MITIGATING STRATEGY**

Key risks include economic slowdown, residential market competition, cost escalation and interest rate risk. Blatchford will be reevaluated annually to ensure that activities and staging are adapted to respond to market conditions and forecasts.

**RESOURCES**

The Blatchford project team will lead project activities with the support of internal staff and external consultants, expert advisors and contractors.

**CONCLUSIONS AND RECOMMENDATIONS**

Given The Way Ahead vision, it is recommended funding be established for the Blatchford Redevelopment project land development activities to contribute to housing supply, housing affordability, community building and livability.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Blatchford Redevelopment Implementation****FUNDED**PROFILE NUMBER: **14-02-2106**PROFILE TYPE: **Standalone**BRANCH: **Blatchford Redevelopment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Capital Budget Adj (one-off)	56,212	-	-	-	-	-	-	-	-	-	-	56,212
	2014 Cap Capital Budget Adj (one-off)	14,264	77,060	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	575,713
	2014 Cap Carry Forward	-7,229	7,229	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	63,247	84,289	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925
	Approved Funding Sources												
	Blatchford Lands Retained Earnings	57,810	9,184	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	551,383
	Tax-Supported Debt	5,437	75,105	-	-	-	-	-	-	-	-	-	80,542
	Current Approved Funding Sources	63,247	84,289	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	63,247	84,289	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925
	Requested Funding Source												
	Blatchford Lands Retained Earnings	57,810	9,184	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	551,383
	Tax-Supported Debt	5,437	75,105	-	-	-	-	-	-	-	-	-	80,542
	Requested Funding Source	63,247	84,289	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Design	-7,229	7,229	-	-	-	-	-	-	-	-	-	-
	Other Costs	70,476	77,060	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925
	Total	63,247	84,289	38,693	9,587	16,973	40,139	41,796	19,012	14,246	14,674	289,269	631,925

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CURRENT PLANNING IT ENHANCEMENTS**  
 PROFILE: **15-17-2031**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Current Planning**  
 PROGRAM NAME:  
 LEAD BRANCH: **Current Planning**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Scott Mackie
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LEAD BRANCH MANAGER:	Scott Mackie
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Corporate Support
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	9,563
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	9,563
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**PROFILE DESCRIPTION**

Investment in IT technology and business process design related to Current Planning activities. This includes Land Development, Permitting, and Licensing work. The overarching project is called "Future State". The funding source is the Current Planning Reserve 281087.

**PROFILE BACKGROUND**

The Current Planning Branch has undertaken the Future State project to enhance its IT infrastructure, including investments in process redesign, software, hardware, and associated training.

**PROFILE JUSTIFICATION**

The Future State project has initiated several technology and business process changes as of 2012, which require this support to enable the project deliverables to be fully realized by and scalable to all branch operations.

**STRATEGIC ALIGNMENT**

This investment contributes to Current Planning's goal of ensuring the development of a sustainable community through improving the productivity, accountability, and communication of work in line with the Branch's business model.

**ALTERNATIVES CONSIDERED**

A lack of investment in this program will:

- Induce the need for additional staff and facility resources and/or additional time for application processing
- Limit the advancement of accountable business practices for application processing.

**COST BENEFITS**

Tangible Benefits:

- Improved rezoning, development, building, and business licence application processing timelines
- Improved customer service and satisfaction

Intangible Benefits:

- Improved coordination and collaboration between internal and external partners for permits and licences
- Efficient development coordination for residential, commercial, and industrial development

**KEY RISKS & MITIGATING STRATEGY**

The key risk for the business include insufficient investment and support for the program.

**RESOURCES**

Investments will include contractors and staff support for business analysis, software development, as well as new software and hardware purchases.

**CONCLUSIONS AND RECOMMENDATIONS**

These investments are intended to augment the productivity, accountability, and communication of the work undertaken in line with the business model's need for clear accountability and cost recovery.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Current Planning IT Enhancements****FUNDED**PROFILE NUMBER: **15-17-2031**PROFILE TYPE: **Standalone**BRANCH: **Current Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	2015 Cap Council	-	-1,386	-	-	-	-	-	-	-	-	-	-1,386
	Current Approved Budget	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563
	Approved Funding Sources												
	Other Reserve	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563
	Current Approved Funding Sources	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563
	Requested Funding Source												
	Other Reserve	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563
	Requested Funding Source	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563
	Total	-	1,358	2,716	2,732	2,758	-	-	-	-	-	-	9,563

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Current Planning	-	250	250	-	-	250	250	-	-	250	250	-	-	250	250	-
Total Operating Impact	-	250	250	-	-	250	250	-	-	250	250	-	-	250	250	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INTEGRATED FRONT COUNTER (EDMONTON CIVIC TOWER)****FUNDED**PROFILE **15-17-2035**PROFILE STAGE: **Approved**DEPARTMENT: **Sustainable Development**PROFILE TYPE: **Standalone**BRANCH: **Current Planning**PROFILE MANAGER: **Peter Ohm**

PROGRAM NAME:

LEAD BRANCH MANAGER: **Peter Ohm**LEAD BRANCH: **Current Planning**ESTIMATED START: **January, 2016**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2017****Service Category:****Major Initiative:****GROWTH****RENEWAL****100****PREVIOUSLY APPROVED:****1,060****BUDGET REQUEST:****-****TOTAL PROFILE BUDGET:****1,060****PROFILE DESCRIPTION**

Through the consolidation of City employees to the new Edmonton Civic Tower, the city has the opportunity to provide citizens and employees one location and easy access for fulfilling a number of service and transactional needs.

This is a new service delivery model for our citizens and this capital profile is specifically for the Integrated Front Counter Technology Infrastructure for enhancement of existing systems to allow full integration of all applicable City services across multiple channels.

**PROFILE BACKGROUND**

Multiple City services will be integrated into one central, easy-to-access location, Integrated Front Counter, to facilitate a great service experience for the everyday needs of our citizens. In order to achieve a fully integrated system there is Technology Infrastructure required that will allow for seamless information and data sharing between all departments delivering citizen-facing services.

**PROFILE JUSTIFICATION**

Collaboratively, we have an opportunity to consolidate existing customer service locations into one centrally accessible location to standardize service requirements, provide seamless service via multiple channels, deliver timely, quality and cost effective service, foster service focused culture and enhance City brand image and reputation. This will be achieved through enhancements of existing systems, which will optimize the work environment to deliver improved solutions for employees and thus provide seamless and efficient customer service to citizens.

**STRATEGIC ALIGNMENT**

Supports the conditions of success outlined in the Way Ahead by providing a new integrated service delivery model that enhances value to citizens through one accessible, efficient and innovative service centre.

**ALTERNATIVES CONSIDERED**

There are several options for providing varying degrees of integrated services:

- 1) Full service integration (application intake, payment to issuance across all channels)
- 2) Partial service (application intake, inquiries and referrals across some channels)
- 3) Basic service (how to apply and general inquiries/awareness for in-person only)
- 4) Should technology be limited or unable to support integration, then services can simply be provided under one location by each department/branch without integration.

**COST BENEFITS**

The City is advancing the delivery of public service to an integrated and seamless service model. The value invested in technology will improve customer service, realize efficiency and cost savings over many years.

**KEY RISKS & MITIGATING STRATEGY**

Key risks are costs overruns associated with the enhancement of Technology. These will be mitigated by clearly identifying the requirements, engaging City stakeholders and subject matter experts and reduce scope if necessary.

**RESOURCES**

The Technology Infrastructure requires one time investment to upgrade and reconfigure existing systems to support seamless and efficient service delivery to citizens.

**CONCLUSIONS AND RECOMMENDATIONS**

The Technology Infrastructure is an integral part of the Integrated Front Counter to be able to deliver full service integration option, with seamless services to the citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Integrated Front Counter (Edmonton Civic Tower)****FUNDED**PROFILE NUMBER: **15-17-2035**PROFILE TYPE: **Standalone**BRANCH: **Current Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Current Approved Budget	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Approved Funding Sources												
	Other Reserve	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Current Approved Funding Sources	-	-	1,060	-	-	-	-	-	-	-	-	1,060

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Requested Funding Source												
	Other Reserve	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Requested Funding Source	-	-	1,060	-	-	-	-	-	-	-	-	1,060

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	IT Services	-	-	1,060	-	-	-	-	-	-	-	-	1,060
	Total	-	-	1,060	-	-	-	-	-	-	-	-	1,060

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT ROAD REDEVELOP. PLAN IMPLEMENTATION**  
 PROFILE: **04-16-2100**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Daviss R.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2008
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Land
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	34,250
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	34,250
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**PROFILE DESCRIPTION**

This profile provides the funding for the land development component of the Fort Road Project. The Land Enterprise is being used as the primary source of bridge financing for the Project. It is projected that all the costs will be recovered through application of a neighbourhood redevelopment levy commencing in 2008 over a 20 year time frame. In addition, it is projected that \$6.8 million will be recovered through the sale of the City owned land in the project area from 2008 through 2012.

The Land Development Project contains the following key elements:

- Land Acquisition and Building Demolition
- Streetscape Improvements
- New Roadway, Sewer and Power Infrastructure
- Neighbourhood Park Development
- Spartan Park Relocation
- Consulting Fees for the Urban Design Plan and Required Plan Amendments
- New Commercial and Residential Development Site Creation
- Affordable Housing Initiatives
- Transit Oriented Development (TOD) Housing Grants
- Tax Increment Financing Pilot Project

The implementation of this Project is closely linked with Transportation and Streets Fort Road Widening Projects (Profiles 05-66-9550 and 04-66-1484).

The Total Cost for the Fort Road Project (Combined Transportation and Redevelopment) is \$37.0 million, while the net cost for the Project is \$30.2 million.

BA #23: To record change in financing source from Land R/E to TGSSD for 2005 to 2007 actuals as the borrowing did not take place until 2009.

**PROFILE JUSTIFICATION**

The Fort Road Old Town Master Plan was approved unanimously by City Council on November 26, 2002.

The Fort Road Old Town Implementation Plan, outlining the cost/benefits and Project Framework was approved by City Council on September 23, 2003.

A revised Concept Plan, in recognition of significant infrastructure requirements, was approved by City Council on November 1, 2005. At that time, a revised Project Budget was provided, together with a stated need to determine ultimate funding alternatives.

This Project will serve to implement a number of Corporate Objectives consistent with the City's Smart Choices Initiative. The revitalization of the area as a Transit Oriented Development (TOD) will have long term benefits to the Community, the tax base, and transit ridership. The Plan has strong support from both the surrounding neighbourhoods and the local business community.

The Project is being considered as a pilot for the application of a Neighbourhood Revitalization Levy, a form of tax increment financing that has just recently been adopted by the Provincial Government.

Through the application of the Neighbourhood Redevelopment Levy, it is projected that 100% of the Project Costs may be recovered from the Provincial Government.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Fort Road Redevelop. Plan Implementation****FUNDED**PROFILE NUMBER: **04-16-2100**PROFILE TYPE: **Standalone**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	17,923	-	-	-	-	-	-	-	-	-	-	17,923
	2008 CBS Budget Adjustment	4,390	-	-	-	-	-	-	-	-	-	-	4,390
	2009 CBS Budget Adjustment	4,382	-	-	-	-	-	-	-	-	-	-	4,382
	2010 CBS Budget Adjustment	-16,765	-	-	-	-	-	-	-	-	-	-	-16,765
	2011 CBS Budget Adjustment	9,956	-	-	-	-	-	-	-	-	-	-	9,956
	2012 CBS Budget Adjustment	6,991	-	-	-	-	-	-	-	-	-	-	6,991
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	7,373	-	-	-	-	-	-	-	-	-	-	7,373
	2014 Cap Carry Forward	-4,824	4,824	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	29,426	4,824	-	-	-	-	-	-	-	-	-	34,250
	Approved Funding Sources												
	Land Fund Retained Earnings	6,158	-	-	-	-	-	-	-	-	-	-	6,158
	Tax-guaranteed self-sustng dbt	23,268	4,824	-	-	-	-	-	-	-	-	-	28,092
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources	29,426	4,824	-	-	-	-	-	-	-	-	-	34,250

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	29,426	4,824	-	-	-	-	-	-	-	-	-	34,250
	Requested Funding Source												
	Land Fund Retained Earnings	6,158	-	-	-	-	-	-	-	-	-	-	6,158
	Tax-guaranteed self-sustng dbt	23,268	4,824	-	-	-	-	-	-	-	-	-	28,092
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source	29,426	4,824	-	-	-	-	-	-	-	-	-	34,250

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-4,824	4,824	-	-	-	-	-	-	-	-	-	-
	Other Costs	34,250	-	-	-	-	-	-	-	-	-	-	34,250
	Total	29,426	4,824	-	-	-	-	-	-	-	-	-	34,250

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CONTAMINATED PROPERTIES RECLAMATION**  
 PROFILE: **09-16-2015**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land For Municipal Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Daviss R.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2009**ESTIMATED COMPLETION: **December, 2011**Service Category: **Land**

Major Initiative:

**GROWTH****RENEWAL****50****50**

PREVIOUSLY APPROVED:

BUDGET REQUEST:

TOTAL PROFILE BUDGET:

-

-

-

**PROFILE DESCRIPTION**

These funds are required for the future clean up City-owned titled land that has been contaminated by hydro carbon leaks from underground storage tanks and/or other sources, and other types of contamination. In many cases these sites must be reclaimed to acceptable standards before they can be sold or leased.

Transfer budget to Operating per TCA

**PROFILE JUSTIFICATION**

Environmental Protection and Enhancement Act, 1994.

Orders issued by the Emergency Response Department or Alberta Environment for the cleanup of sites must be acted upon immediately.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Contaminated Properties Reclamation****FUNDED**PROFILE NUMBER: **09-16-2015**PROFILE TYPE: **Standalone**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	600	-	-	-	-	-	-	-	-	-	-	600
	2009 CBS Budget Adjustment	-600	-	-	-	-	-	-	-	-	-	-	-600
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRATEGIC LAND ACQUISITION**  
 PROFILE: **09-16-2022**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land For Municipal Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Daviss R.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Land		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>128,399</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>128,399</b>

**PROFILE DESCRIPTION**

This project provides funding for strategic land purchases consistent with the provisions of the approved Land Management Strategy and tracked in the Strategic Land Acquisition Account (SLAA). Project funding to be utilized for land purchases in the following cases:

A) Purchase of an entire land parcel where only a portion of the parcel is required for a municipal project. Future net sale proceeds from the surplus land will be credited back to the SLAA.

B) Purchase of land for a future municipal project meeting all the following conditions:

- 1) Land becomes available for purchase in advance of funding available in the CPP,
- 2) Municipal project is in an approved plan,
- 3) Current year CPP budget funds for the project are not available, but are funded in future years and the SLAA will be reimbursed from the municipal project when CPP funds are available.

The SLAA will be managed as a distinct account within the Land Enterprise and is intended to operate on a revolving basis to provide bridge financing that is repaid in future years as outlined in A) and B) above.

Down Town Entertainment District

This profile includes \$59M in land acquisition related to the Down Town Entertainment District. This acquisition has approved funding of:  
 \$26 M Debt (Borrowing Bylaw 15962)  
 \$33 M Land Enterprise Retained Earnings (Private Council report Oct 26, 2011 Arena motion s.6.)

**PROFILE JUSTIFICATION**

A) A landowner may be reluctant to sell only the portion of land required for the project, but be prepared to sell the entire parcel. Acquisition of the entire parcel would minimize compensation claims and other costs to the Corporation and make good economic sense by avoiding delays and additional costs.

B) Approved CPP funding would be in place to purchase land included in an approved plan for a municipal project at the time an owner is willing to sell, ensuring timely and cost effective land assembly for municipal projects.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Strategic Land Acquisition****FUNDED**PROFILE NUMBER: **09-16-2022**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	49,513	-	-	-	-	-	-	-	-	-	-	49,513
	2009 CBS Budget Adjustment	-4,204	-	-	-	-	-	-	-	-	-	-	-4,204
	2010 CBS Budget Adjustment	-20,740	-	-	-	-	-	-	-	-	-	-	-20,740
	2011 CBS Budget Adjustment	86,603	-	-	-	-	-	-	-	-	-	-	86,603
	2012 CBS Budget Adjustment	1,564	-	-	-	-	-	-	-	-	-	-	1,564
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	15,663	-	-	-	-	-	-	-	-	-	-	15,663
	2014 Cap Carry Forward	-4,037	4,037	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	124,362	4,037	-	-	-	-	-	-	-	-	-	128,399
	Approved Funding Sources												
	Land Fund Retained Earnings	105,040	4,037	-	-	-	-	-	-	-	-	-	109,077
	Pay-As-You-Go	19,322	-	-	-	-	-	-	-	-	-	-	19,322
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources	124,362	4,037	-	-	-	-	-	-	-	-	-	128,399

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	124,362	4,037	-	-	-	-	-	-	-	-	-	128,399
	Requested Funding Source												
	Land Fund Retained Earnings	105,040	4,037	-	-	-	-	-	-	-	-	-	109,077
	Pay-As-You-Go	19,322	-	-	-	-	-	-	-	-	-	-	19,322
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source	124,362	4,037	-	-	-	-	-	-	-	-	-	128,399

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-4,037	4,037	-	-	-	-	-	-	-	-	-	-
	Other Costs	128,399	-	-	-	-	-	-	-	-	-	-	128,399
	Total	124,362	4,037	-	-	-	-	-	-	-	-	-	128,399

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STRATEGIC LAND ACQUISITION**  
 PROFILE: **12-16-2022**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land For Municipal Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Daviss R.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Land		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,227</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,227</b>

**PROFILE DESCRIPTION**

This project provides funding for strategic land purchases consistent with the provisions of the approved Land Management Strategy and tracked in the Strategic Land Acquisition Account (SLAA). Project funding to be utilized for land purchases in the following cases:

A) Purchase of an entire land parcel where only a portion of the parcel is required for a municipal project. Future net sale proceeds from the surplus land will be credited back to the SLAA.

B) Purchase of land for a future municipal project meeting all the following conditions:

- 1) Land becomes available for purchase in advance of funding available in the CPP,
- 2) Municipal project is in an approved plan,
- 3) Current year CPP budget funds for the project are not available, but are funded in future years and the SLAA will be reimbursed from the municipal project when CPP funds are available.

The SLAA will be managed as a distinct account within the Land Enterprise and is intended to operate on a revolving basis to provide bridge financing that is repaid in future years as outlined in A) and B) above.

**PROFILE JUSTIFICATION**

A) A landowner may be reluctant to sell only the portion of land required for the project, but be prepared to sell the entire parcel. Acquisition of the entire parcel would minimize compensation claims and other costs to the Corporation and make good economic sense by avoiding delays and additional costs.

B) Approved CPP funding would be in place to purchase land included in an approved plan for a municipal project at the time an owner is willing to sell, ensuring timely and cost effective land assembly for municipal projects.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Strategic Land Acquisition****FUNDED**PROFILE NUMBER: **12-16-2022**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	21,227	-	-	-	-	-	-	-	-	-	-	21,227
	2012 CBS Budget Adjustment	-10,000	-	-	-	-	-	-	-	-	-	-	-10,000
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-11,227	11,227	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	11,227	-	-	-	-	-	-	-	-	-	11,227
	Approved Funding Sources												
	Land Fund Retained Earnings	-	11,227	-	-	-	-	-	-	-	-	-	11,227
	Current Approved Funding Sources	-	11,227	-	-	-	-	-	-	-	-	-	11,227

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	11,227	-	-	-	-	-	-	-	-	-	11,227
	Requested Funding Source												
	Land Fund Retained Earnings	-	11,227	-	-	-	-	-	-	-	-	-	11,227
	Requested Funding Source	-	11,227	-	-	-	-	-	-	-	-	-	11,227

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-1,227	1,227	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,227	10,000	-	-	-	-	-	-	-	-	-	11,227
	Total	-	11,227	-	-	-	-	-	-	-	-	-	11,227

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ICI LAND DEVELOPMENT**  
 PROFILE: **CM-16-2010**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land Development**  
 LEAD BRANCH: **Land Enterprise**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Walter Trocenco**

LEAD BRANCH MANAGER: **Walter Trocenco**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **December, 2018**

Service Category: <b>Land</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>87,248</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>87,248</b>

**PROFILE DESCRIPTION**

Land Enterprise owns land supply intended for Industrial-Commercial-Investment (ICI) development in Ellerslie, Goodridge Corners, Southeast Industrial, Rampart and Roper.

Land development activities comprise 4 phases:

1. Land acquisition & conceptual planning
2. Development detailed design
3. Development construction
4. Development sales

**PROFILE BACKGROUND**

Land Enterprise Industrial-Commercial-Investment (ICI) land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities create serviced lots, generating revenue and return on investment to the City while contributing to The Ways strategic plans primarily economic prosperity and diversification.

**PROFILE JUSTIFICATION**

Approval of ongoing capital investment for land development activities is required to ensure a continuous cycle of land development prior to sale. Land development activities generate revenue and provide an annual dividend return to the City in accordance with Land Enterprise Dividend Policy C516B.

Land development activities are completed in accordance with Land Development Policy C511 to ensure "Administration will maintain an inventory of residential and industrial development land sufficient to enable the City to maintain existing development activities." In addition activities contribute to The Ways strategic plans, in particular The Way We Prosper and the Industrial Land Strategy to attract business investment and promote economic diversity and prosperity.

**STRATEGIC ALIGNMENT**

Land Enterprise Industrial-Commercial-Investment land development contributes to The Way Ahead 10 Year strategic goal "Diversify Edmonton's Economy", The Way We Grow strategic goals and the Industrial Land Strategy.

**ALTERNATIVES CONSIDERED**

Project proformas evaluate land development projects including analysis of requirements (capital, servicing, & resources) vs. financial return. Individual project activities and staging are adapted to respond to competitive market conditions.

**COST BENEFITS**

Project costs include planning, design and construction costs. Construction costs include both off-site charges (e.g. sewer, road) and on-site servicing costs (e.g. earthwork, curb/gutter).

Land development activities generate profit, contribute to strategic municipal initiatives and/or infrastructure, and may additionally serve as catalysts for private sector land development.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

Key risks for land development activities are project risk and market risk. Market risks include economic and local market condition changes, both supply and demand, which impact saleability and project profitability.

## RESOURCES

Enterprise Land Development project managers lead project activities with the support of internal staff and external consultants and contractors. Property Sales staff negotiate and sell lots.

## CONCLUSIONS AND RECOMMENDATIONS

Given The Way Ahead and Industrial Land Strategy objectives, ongoing funding is recommended to ensure ongoing ICI land development activity to provide lot supply contributing to economic diversification, prosperity and business attraction.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **ICI Land Development****FUNDED**PROFILE NUMBER: **CM-16-2010**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Current Approved Budget	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Approved Funding Sources												
	Land Fund Retained Earnings	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Current Approved Funding Sources	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Requested Funding Source												
	Land Fund Retained Earnings	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Requested Funding Source	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248
	Total	-	38,827	11,069	13,311	24,041	-	-	-	-	-	-	87,248

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ICI LAND DEVELOPMENT ACQUISITION**  
 PROFILE: **CM-16-2015**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land Development**  
 LEAD BRANCH: **Land Enterprise**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Walter Trocenko
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Land
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	46,973
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	46,973
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**PROFILE DESCRIPTION**

Land Enterprise acquires land to replenish supply for Industrial Commercial Investment (ICI) land development activities. Strategic opportunity purchases occur 3-7 years in advance of land development activities, aligned with Land Development Policy C511 "over a ten-year forecast period".

Land Enterprise land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities comprise 4 phases:

1. Land acquisition & conceptual planning
2. Development detailed design
3. Development construction
4. Development sales

ICI land development project activities diminish land supply as projects deliver serviced lots to market for sale. Therefore, capital funding to replenish land supply is required to further the ongoing activities of Land Enterprise.

**PROFILE BACKGROUND**

Land Enterprise Industrial-Commercial-Investment (ICI) land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities create serviced lots, generating revenue and return on investment (ROI) to the City while contributing to The Way strategic plans and contributing specifically to The Way We Prosper.

**PROFILE JUSTIFICATION**

Approval of ongoing capital funding is required to ensure a continuous cycle of land development prior to sale.

Capital investment in ICI land development projects generate profit and provide a dividend of 25% annually to the City in accordance with Land Enterprise Dividend Policy C516B. Land development activities are completed in accordance with Land Development Policy C511 to ensure "Administration will maintain an inventory of residential and industrial development land sufficient to enable the City to maintain existing development activities."

**STRATEGIC ALIGNMENT**

Land Enterprise ICI land acquisition is the first capital investment in land development activities, contributing to The Way Ahead 10 Year strategic goal "Diversify Edmonton's Economy", The Way We Grow goals and Industrial Land Strategy.

**ALTERNATIVES CONSIDERED**

The feasibility of land acquisition is evaluated prior to purchase which includes evaluation of requirements (capital, servicing, & resources) versus financial return.

**COST BENEFITS**

Land Enterprise is a self-funded business model for large scale land development projects. Retained earnings are reinvested in land acquisition to further development activity and contribute to the ongoing profitability of Land Enterprise. Land development creates serviced ICI lots for sale and in addition, on-site amenities (eg. stormwater facilities, municipal reserve land).

Costs of land acquisition are typically market value.

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

Key risks for land development acquisition activities are market risk and unforeseen site specific risks. Market risks include economic and local market condition changes, both supply and demand, which impacts forecast profitability.

## RESOURCES

Enterprise Land Development identifies and evaluates strategic opportunity land purchases in collaboration with Property Acquisition. Property Appraisers identify market valuation while project team members evaluate project feasibility.

## CONCLUSIONS AND RECOMMENDATIONS

Funding is recommended to advance goals in The Way Ahead strategic plans through the ongoing activities of Land Enterprise ICI land development activities which contribute to ICI lot supply, economic diversification and prosperity.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **ICI Land Development Acquisition****FUNDED**PROFILE NUMBER: **CM-16-2015**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Current Approved Budget	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Approved Funding Sources												
	Land Fund Retained Earnings	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Current Approved Funding Sources	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Requested Funding Source												
	Land Fund Retained Earnings	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Requested Funding Source	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973
	Total	-	1,020	20,021	25,932	-	-	-	-	-	-	-	46,973

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RESIDENTIAL/MIXED-USE LAND DEVELOPMENT**  
 PROFILE: **CM-16-2020**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Land Enterprise**  
 PROGRAM NAME: **Land Development**  
 LEAD BRANCH: **Land Enterprise**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Walter Trocenko
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Land
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	74,121
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	74,121
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**PROFILE DESCRIPTION**

Land Enterprise owns land supply intended for residential/mixed-use lot development in Goodridge Corners , Laurel, and Schonsee with plans to develop surplus municipal land in McConachie. Reinvestment of Land Enterprise retained earnings furthers land development activities.

Land development is comprised of 4 phases:

1. Land acquisition & conceptual planning
2. Development detailed design
3. Development construction
4. Development sales

**PROFILE BACKGROUND**

Land Enterprise residential/mixed-use land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities create serviced lots, generating revenue and profit for Land Enterprise while contributing to The Ways strategic initiatives, primarily The Way We Grow.

**PROFILE JUSTIFICATION**

Approval of ongoing capital funding is required to ensure a continuous cycle of land development prior to sale. Land development activities generate revenue and provide an annual dividend of 25% to the City in accordance with Land Enterprise Dividend Policy C516B.

Land development activities are carried out in accordance with Land Development Policy C511 to ensure "Administration will maintain an inventory of residential and industrial development land sufficient to enable the City to maintain existing development activities."

Residential/mixed-use land development provide diverse and affordable residential lot options for the general public, while facilitating community building and livability.

**STRATEGIC ALIGNMENT**

Land Enterprise residential land development contributes to The Way We Grow objectives: Transform Edmonton's Urban Form (by increasing density) and advances Complete, Healthy and Livable Communities.

**ALTERNATIVES CONSIDERED**

Project proformas evaluate requirements (capital, servicing, and resources) and project profitability. Individual project activities and staging are adapted to respond to competitive market conditions.

**COST BENEFITS**

Project cost include both design and construction costs. Construction costs include established off-site charges (e.g. sewer, road) and on-site servicing costs (e.g. earthwork, curb/gutter).

Land development activities generate profit, contribute to strategic municipal initiatives and/or infrastructure, and may additionally serve as catalyst for private sector land development.

**KEY RISKS & MITIGATING STRATEGY**

Key risks for land development activities are project risk and market risk. Market risks include economic and local market condition changes, both supply and demand, which impacts saleability and project profitability.

# CAPITAL PROFILE REPORT

## RESOURCES

Enterprise Land Development project managers lead project activities with the support of internal staff and external consultants and contractors. Property Sales staff negotiate and sell serviced lots.

## CONCLUSIONS AND RECOMMENDATIONS

Funding is recommended to advance goals in The Way Ahead strategic plans through Land Enterprise residential land development activities to contribute to residential supply, housing affordability, community building and livability.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Residential/Mixed-Use Land Development****FUNDED**PROFILE NUMBER: **CM-16-2020**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Current Approved Budget	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Approved Funding Sources												
	Land Fund Retained Earnings	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Current Approved Funding Sources	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Requested Funding Source												
	Land Fund Retained Earnings	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Requested Funding Source	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121
	Total	-	24,430	24,770	6,164	18,757	-	-	-	-	-	-	74,121

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	RESIDENTIAL/MIXED-USE LAND DEVELOPMENT ACQUISITION	<b>FUNDED</b>
PROFILE	CM-16-2025	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Sustainable Development	PROFILE TYPE: Composite
BRANCH:	Land Enterprise	PROFILE MANAGER: Walter Trocenko
PROGRAM NAME:	Land Development	LEAD BRANCH MANAGER: Walter Trocenko
LEAD BRANCH:	Land Enterprise	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Land	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	16,216
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	16,216

**PROFILE DESCRIPTION**

Land Enterprise acquires land to replenish supply for residential/mixed-use land development activities. Strategic opportunity purchases occur 3-7 years in advance of land development activities, aligned with Land Development Policy C511 "over a ten-year forecast period". Land Enterprise land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities are comprised of 4 phases:

1. Land acquisition & conceptual planning
2. Development detailed design
3. Development construction
4. Development sales

Residential/mixed-use land development project activities diminish land supply as projects deliver serviced lots to market for sale. Therefore, capital funding for raw land acquisition (Phase 1) is required to replenish supply to further the ongoing activities of Land Enterprise.

**PROFILE BACKGROUND**

Land Enterprise land development projects are multi-year initiatives (5+ years) requiring reinvestment of Land Enterprise retained earnings to further activities. Land development activities create serviced lots, generating revenue and return on investment (ROI) to the City while contributing to objectives of The Ways strategic initiatives and creating affordable housing opportunities.

**PROFILE JUSTIFICATION**

Approval of ongoing capital funding is required to ensure a continuous cycle of land development prior to sale. Capital investment is a key success factor for land development. Funding invests in residential and mixed-use land development activities to generate profit and provide a dividend annually to the City in accordance with Land Enterprise Dividend Policy C516B. Land development activities are completed in accordance with Land Development Policy C511 to ensure "Administration will maintain an inventory of residential and industrial development land sufficient to enable the City to maintain existing development activities."

Profit from land development activities is reinvested as capital for future land development activities and to provide a 25% annual dividend to the City.

**STRATEGIC ALIGNMENT**

Land Enterprise residential land development contributes to The Way We Grow objectives: Transform Edmonton's Urban Form (by increasing density) and Complete, Healthy and Livable Communities.

**ALTERNATIVES CONSIDERED**

The feasibility of land acquisition is evaluated prior to purchase which includes evaluation of requirements (capital, servicing, & resources) vs. financial return. In addition projects are evaluated annually for revenue and profitability.



# CAPITAL PROFILE REPORT

## COST BENEFITS

Land acquisition is typically acquired at market value plus additional due diligence costs.

Land Enterprise is a self-funded business model for land development projects. Retained earnings are reinvested in land acquisition to further development activity creating serviced residential/mixed-use lots for sale and public amenities (eg. stormwater facilities, parks).

## KEY RISKS & MITIGATING STRATEGY

Key risks for land development acquisition activities are market risk and unforeseen site specific risks. Market risks include economic and local market condition changes, both supply and demand, which impacts forecast profitability.

## RESOURCES

Enterprise Land Development evaluates strategic opportunity land purchases in collaboration with Property Acquisition. Property Appraisers identify market valuation while development project team members evaluate project feasibility.

## CONCLUSIONS AND RECOMMENDATIONS

Funding is recommended to advance goals in The Way Ahead strategic plans through Land Enterprise residential land development activities which contribute to residential supply, housing affordability, community building and livability.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Residential/Mixed-Use Land Development Acquisition****FUNDED**PROFILE NUMBER: **CM-16-2025**PROFILE TYPE: **Composite**BRANCH: **Land Enterprise**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Current Approved Budget	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Approved Funding Sources												
	Land Fund Retained Earnings	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Current Approved Funding Sources	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Requested Funding Source												
	Land Fund Retained Earnings	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Requested Funding Source	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216
	Total	-	4,078	-	-	12,137	-	-	-	-	-	-	16,216

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EDMONTON ARENA**  
 PROFILE: **11-17-0099**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Rick Daviss**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category: <b>Economic Development</b>		Major Initiative: <b>Downtown Arena District</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>605,162</b>
<b>100</b>		BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>605,162</b>

**PROFILE DESCRIPTION**

The Design & Building of the new downtown arena. Edmonton City Council has approved the master and location-related agreements to design and build a new downtown arena.

**PROFILE BACKGROUND**

The Downtown Arena Project is identified in the Capital City Downtown Plan as a transformational initiative that will revitalize the downtown and ensure the sustainability of NHL hockey in the city of Edmonton.

**PROFILE JUSTIFICATION**

Contribute to the revitalization of Edmonton's downtown and moving towards City's vision in the Way Ahead.

**STRATEGIC ALIGNMENT**

The Downtown Arena will contribute to all Strategic Goals of The Way Ahead re: preserve / sustain the environment; improve livability; transform urban form; shift transportation modes; ensure financial sustainability; and diversify the economy.

**KEY RISKS & MITIGATING STRATEGY**

Deferral of this project will remove the prime catalyst from the downtown revitalization movement.  
 Deferral could also affect the regional sports and business culture by risking the departure of the Oilers from Edmonton.

**RESOURCES**

CoE staff will provide oversight and direction. Design and construction work will be tendered.

**CONCLUSIONS AND RECOMMENDATIONS**

Given the importance of the downtown revitalization movement, and the Arena project is a prime catalyst, as well as the cultural and economic importance of the Oilers operation to the region, approval of the project funding is recommended.

**CHANGES TO APPROVED PROFILE**

Fall 2014: Identifying and re-aligning funding sources with the expected allocation from Federal and Provincial grant providers.

#15-41-8: Capital to operating transfers have been made relating to %-for-art for both 2014 and 2015. The source of funding required for this in operating, related to the LRT Link, Corridor, Wintergarden, and Community Rink is direct Downtown CRL Reserve. When these adjustments were made, the transfer was made from the Downtown CRL Reserve, however there was no funding change adjustment to first change the source of funding for the same amount from Downtown CRL Debt, to Downtown CRL Reserve. This change will correct this issue for the 2014 and 2015 %-for-art related adjustments from capital to operating, resulting in a net funding source for "Downtown CRL reserve" of \$0, instead of a negative number as it current sits.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Edmonton Arena****FUNDED**PROFILE NUMBER: **11-17-0099**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	67,274	39,756	9,489	43	-	-	-	-	-	-	-	116,562
	2011 CBS Budget Adjustment	1,020	-	-	-	-	-	-	-	-	-	-	1,020
	2012 CBS Budget Adjustment	-12,528	-	-	-	-	-	-	-	-	-	-	-12,528
	2013 Cap Capital Budget Adj (one-off)	133,131	198,159	153,596	2,052	-	-	-	-	-	-	-	486,938
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,508	-	-	-	-	-	-	-	-	-	-	12,508
	2014 Cap Carry Forward	-15,148	15,148	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	881	-	-	-	-	-	-	-	-	-	-	881
	2014 SCBA Change in Sources of Funding	-	-	-600	600	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-219	-	-	-	-	-	-	-	-	-	-219
	Current Approved Budget	187,138	252,843	162,485	2,695	-	-	-	-	-	-	-	605,162
	Approved Funding Sources												
	Debt CRL Downtown	99,475	67,006	31,670	407	-	-	-	-	-	-	-	198,559
	Federal Gas Tax Fund	-	2,000	4,400	600	-	-	-	-	-	-	-	7,000
	Operating Revenues	322	1,168	-	-	-	-	-	-	-	-	-	1,490
	Other Grants - Provincial	-	23,000	9,000	-	-	-	-	-	-	-	-	32,000
	Partnership Funding	4,429	13,873	5,000	-	-	-	-	-	-	-	-	23,302
	Self Supporting-Tax Guaranteed	82,912	145,796	112,415	1,688	-	-	-	-	-	-	-	342,811
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources	187,138	252,843	162,485	2,695	-	-	-	-	-	-	-	605,162

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	187,138	252,843	162,485	2,695	-	-	-	-	-	-	-	605,162
	Requested Funding Source												
	Debt CRL Downtown	99,475	67,006	31,670	407	-	-	-	-	-	-	-	198,559
	Federal Gas Tax Fund	-	2,000	4,400	600	-	-	-	-	-	-	-	7,000
	Operating Revenues	322	1,168	-	-	-	-	-	-	-	-	-	1,490
	Other Grants - Provincial	-	23,000	9,000	-	-	-	-	-	-	-	-	32,000
	Partnership Funding	4,429	13,873	5,000	-	-	-	-	-	-	-	-	23,302
	Self Supporting-Tax Guaranteed	82,912	145,796	112,415	1,688	-	-	-	-	-	-	-	342,811
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source	187,138	252,843	162,485	2,695	-	-	-	-	-	-	-	605,162

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	128,138	248,843	162,485	2,695	-	-	-	-	-	-	-	542,162
	Design	41,508	4,000	-	-	-	-	-	-	-	-	-	45,508
	Other Costs	17,492	-	-	-	-	-	-	-	-	-	-	17,492
	Total	187,138	252,843	162,485	2,695	-	-	-	-	-	-	-	605,162

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **THE QUARTERS - PHASE 1**  
 PROFILE: **11-17-0407**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Trocenko W.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Economic Development</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>52,145</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>52,145</b>

**PROFILE DESCRIPTION**

The Quarters Downtown project is a City led redevelopment initiative intended to provide the catalyst for private sector investment and redevelopment of the east side of Edmonton's downtown. The proposed urban design plan for the area allows for an increase in population from the current 2,400 people to as many as 20,000 people when full build out is achieved. The City's strategic investments in major infrastructure upgrades and new public amenities will address development impediments in the downtown east with the goal of attracting private investment that will revitalize this area.

Redevelopment of The Quarters will be done in a phased approach. It is anticipated that Phase I redevelopment project costs will be covered by The Quarters Downtown Community Revitalization Levy (CRL). The focus of Phase I will be to complete the drainage work on 96th Street (Armature) which serves as the backbone for the area, complete a minimum of two full blocks of streetscaping on 96th Street north of Jasper Avenue, complete drainage and streetscaping around the site planned for the Five Corners Tower, and complete streetscaping in Boyle Renaissance. Phase I project costs also include relocating and where applicable putting lines underground for gas, power, water, telephone and cable lines, relocation of the Boyle Renaissance community garden, as well as environmental remediation of City owned lands.

The percent for art has been included in The Quarters Downtown Community Revitalization Levy Plan Service Package in the Operating Budget. The total budget for Phase I is \$560,000 and is split between 2013 and 2014.

#13-40: The non TCA portion of 2013 (\$3,575k) and 2014 (\$280) has been transferred to Operating.

**PROFILE JUSTIFICATION**

The Quarters Project Profiles (Phases 1-3) were developed to implement plans approved by City Council in 2009; specifically, The Quarters Area Redevelopment Plan, The Quarters Urban Design Plan, The Quarters Downtown Statutory Plan Overlay and the Boyle Street/McCauley Area Redevelopment Plan.

At the June 20th public hearing, City Council approved The Quarters Downtown Community Revitalization Levy Area Plan - Bylaw 15800

**Alignment**

The Quarters Downtown Plan aligns with the following 10-year Strategic Goals and Corporate Outcomes:

- Complete collaborative communities that are accessible, strong and inclusive with access to a full range of services
- Attractive and compact physical design with diverse neighbourhoods, amenities and public open spaces
- Citizens use public transit and active modes of transportation
- The City has balanced revenue streams that are sustainable

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **The Quarters - Phase 1****FUNDED**PROFILE NUMBER: **11-17-0407**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	52,100	3,900	-	-	-	-	-	-	-	-	-	56,000
	2012 CBS Budget Adjustment	-3,729	-	-	-	-	-	-	-	-	-	-	-3,729
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-126	-	-	-	-	-	-	-	-	-	-	-126
	2014 Cap Carry Forward	-16,444	16,444	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145
	Approved Funding Sources												
	Debt CRL Quarters	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145
	Requested Funding Source												
	Debt CRL Quarters	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145
	Tax-Supported Debt	-	-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-20,592	10,296	-	-	-	-	-	-	-	-	-	-10,296
	Other Costs	52,393	10,048	-	-	-	-	-	-	-	-	-	62,441
	Total	31,801	20,344	-	-	-	-	-	-	-	-	-	52,145

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GALLERIA PROJECT - PEDWAY CONNECTION**  
 PROFILE: **14-17-5037**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Rick Daviss
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LEAD BRANCH MANAGER:	Rick Daviss
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	7,500
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	7,500
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**PROFILE DESCRIPTION**

This pedway will connect the Galleria to the Royal Alberta Museum and Churchill LRT Station. Its elements are

- Design of the pedway and relocation of utilities on the Royal Alberta Museum site (2014).
- Pedway shell construction under part of the Royal Alberta Museum (2015).
- Pedway shell construction under 103A Avenue connecting to the Churchill LRT station and Interior finishing (2016).

**PROFILE BACKGROUND**

The City has been approached to contribute towards developing a downtown academic and cultural centre, including relocation of U of A Departments to the Downtown Core. The provision of a pedway is required by the University in its proposed relocation

**PROFILE JUSTIFICATION**

A significant factor of the Galleria project is the partnership with the University of Alberta. The establishment of an academic facility campus will bring more people to the downtown core every day, catalyzing services and development in and around the downtown area. The University participation is conditional upon connecting 104 Ave to the Churchill LRT Station via an underground Pedway.

**STRATEGIC ALIGNMENT**

Alignment with The Way Ahead:

- The Way We Grow: Edmonton's Municipal Development Plan
- The Way We Live: Edmonton's People Plan.
- The Art of Living: A Plan for Securing the Future of Arts and Heritage in the City of Edmonton 2008-2018.

**ALTERNATIVES CONSIDERED**

Without immediate City funding, the pedway will not proceed and the University of Alberta's involvement in the bigger project will cease. No future pedway can be built at this location, as the Museum is being constructed in the path.

**COST BENEFITS**

Benefits

1. New Pedway for the public to access both the RAM and developments north of 103A Ave.
2. University involvement in the Galleria project is preserved.
3. Quality of life is improved for the downtown core by giving the public enhanced access to new facilities.

Costs

Pedway Design(\$3Mil) & Utility relocation \$1.4Mil (2014 SCBA)

Funding for the Pedway shell construction will be part of the 2015-18 Capital Budget submission

**KEY RISKS & MITIGATING STRATEGY**

Timing is critical as construction of the shell protecting the pedway connection under the forecourt in front of the RAM must be completed no later than 2015.

Detailed design cost estimates may come out higher than expected.

**RESOURCES**

Cultural Trust is prepared to assume all operating cost for the pedway.

**CONCLUSIONS AND RECOMMENDATIONS**

Funding of \$4.4Mil is provided for Pedway Design and relocation of utilities on the Royal Alberta Museum site as part of the SCBA. Funding ask for balance of Pedway shell construction of \$3.1M is included in the 2015-18 Capital Budget submission.

**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

June 10, 2015 CR 2392

The capital profile was originally approved by Council to cover Stage 1 and Stage 2 of the Galleria-Pedway project. Council has since approved only Stage 1 - which is to be funded \$7.5M from Pay-As-You-Go. The remainder, Stage 2, \$22.5M in developer funding, will be brought forward in Fall Capital Budget Adjustment.

PROFILE NAME: **Galleria Project - Pedway Connection****FUNDED**PROFILE NUMBER: **14-17-5037**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	-	3,100	-	-	-	-	-	-	-	-	3,100
	2014 Cap Capital Budget Adj (one-off)	1,000	5,000	20,900	-	-	-	-	-	-	-	-	26,900
	2014 Cap Carry Forward	-840	840	-	-	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	1,500	-24,000	-	-	-	-	-	-	-	-	-22,500
	Current Approved Budget	160	7,340	-	-	-	-	-	-	-	-	-	7,500
	Approved Funding Sources												
	Pay-As-You-Go	160	7,340	-	-	-	-	-	-	-	-	-	7,500
	Current Approved Funding Sources	160	7,340	-	-	-	-	-	-	-	-	-	7,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	160	7,340	-	-	-	-	-	-	-	-	-	7,500
	Requested Funding Source												
	Pay-As-You-Go	160	7,340	-	-	-	-	-	-	-	-	-	7,500
	Requested Funding Source	160	7,340	-	-	-	-	-	-	-	-	-	7,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	6,000	-	-	-	-	-	-	-	-	-	6,000
	Design	160	1,340	-	-	-	-	-	-	-	-	-	1,500
	Total	160	7,340	-	-	-	-	-	-	-	-	-	7,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EDMONTON ENERGY & TECHNOLOGY PARK**  
 PROFILE: **14-17-5039**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Walter Trocenko**  
 LEAD BRANCH MANAGER: **Walter Trocenko**  
 ESTIMATED START: **January, 2014**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,385</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,385</b>

**PROFILE DESCRIPTION**

Purchase of property for the development of the Edmonton Energy and Technology Park.

**PROFILE BACKGROUND**

The Horsehills Energy and Technology Park Area Structure Plan Bylaw 15093 was approved on June 9, 2010, was renamed to the Edmonton Energy and Technology Park Area Structure Plan Bylaw 15642 on May 2, 2011.

**PROFILE JUSTIFICATION**

The property purchase is essential to development of the Edmonton Energy and Technology Park.

**STRATEGIC ALIGNMENT**

Aligns with Transform Edmonton's Urban Form and Diversify Edmonton's Economy.

**ALTERNATIVES CONSIDERED**

Andrew Perry says n/a

**COST BENEFITS**

See Council Report

**KEY RISKS & MITIGATING STRATEGY**

AP says n/a

**RESOURCES**

Andrew Perry says n/a

**CONCLUSIONS AND RECOMMENDATIONS**

Approval of funding to purchase the property.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **EDMONTON ENERGY & TECHNOLOGY PARK**  
 PROFILE NUMBER: **14-17-5039**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**

**FUNDED**  
 PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	5,385	-	-	-	-	-	-	-	-	-	-	5,385
	2014 Cap Carry Forward	-787	787	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	4,598	787	-	-	-	-	-	-	-	-	-	5,385
	Approved Funding Sources												
	Financial Stabilization Resrv.	4,598	787	-	-	-	-	-	-	-	-	-	5,385
	Current Approved Funding Sources	4,598	787	-	-	-	-	-	-	-	-	-	5,385

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,598	787	-	-	-	-	-	-	-	-	-	5,385
	Requested Funding Source												
	Financial Stabilization Resrv.	4,598	787	-	-	-	-	-	-	-	-	-	5,385
	Requested Funding Source	4,598	787	-	-	-	-	-	-	-	-	-	5,385

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	4,598	787	-	-	-	-	-	-	-	-	-	5,385
	Total	4,598	787	-	-	-	-	-	-	-	-	-	5,385

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SURPLUS SCHOOL SITES - FIRST PLACE PROGRAM**  
 PROFILE: **15-17-5037**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Walter Trocenko
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	2,530
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,530
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**PROFILE DESCRIPTION**

Real Estate, Housing and Economic Sustainability is responsible for overseeing the implementation of the Council Approved First Place Program on 20 Surplus School Sites land in various locations in the city. The First Place Home Ownership Program (formerly known as the First Time Home Buyer Program) is a City of Edmonton program that gives home buyers who have never before owned property in Alberta the opportunity to purchase their first home. The First Place Home Ownership Program transforms undeveloped building sites into housing options for first-time home buyers by offering deferred land payments.

**PROFILE BACKGROUND**

In 2006, the City acquired 20 surplus school sites. The Council directed administration to use 20 sites for the First Time Home Buyer Program (now First Place Home Ownership Program) and required community design engagement occur in each neighbourhood.

**PROFILE JUSTIFICATION**

Development of vacant surplus school sites generate revenue to the City (approximately 30+ million in gross revenue from the First Place Program- COE will get 50% of net revenue). In order to realize this revenue potential, Real Estate, Housing and Economic Sustainability, acting as landowner on behalf of the City, must cover the upfront cost of subdivision, environmental testing, public consultation and other costs associated with development. These development costs are born upfront at the beginning of a project, whereas the revenue from each site is only recovered after the sale of the land, which occurs five years after the initial investment, due to deferral of land costs. This capital profile will utilize a reserve to provide the necessary funding to bridge this gap in time and allow each of the 20 sites to be developed in a timely manner.

**STRATEGIC ALIGNMENT**

This capital profile directly contributes to goals in following City Strategic Plans:

The Way We Live (3.3.1)  
 The Way We Move  
 The Way We Grow (3.5.1, 4.1.1)  
 The Way We Finance

**ALTERNATIVES CONSIDERED**

No alternative funding mechanism exists to support the development of First Place Program. Failure to fund this capital profile will result in the inability to proceed with this Council-approved initiative.

**COST BENEFITS**

Developing underutilized surplus school site land to create housing options for first time home buyers is a sustainable method of using existing infrastructure, increase vibrancy in neighbourhood and increase tax base. The First Place Program alone will add \$1.6 million to the annual tax base, plus revenue from land sales.

**KEY RISKS & MITIGATING STRATEGY**

Risk mitigation strategies include:

- Environmental testing of land
- Employing an extensive public engagement process that includes series of design engagement

**RESOURCES**

This initiative bears no additional demand on existing resources. First Place development is managed internally by the Strategic Planning section in collaboration with various other branches in the City.

**CONCLUSIONS AND RECOMMENDATIONS**

Ongoing funding is recommended as this initiative has been given Council approval. Funding this profile will enable the First Place program to continue to achieve goals in The Way Ahead strategic plans.

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Surplus School Sites - First Place Program****FUNDED**PROFILE NUMBER: **15-17-5037**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Current Approved Budget	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Approved Funding Sources												
	Other	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Current Approved Funding Sources	-	1,147	693	581	108	-	-	-	-	-	-	2,530

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Requested Funding Source												
	Other	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Requested Funding Source	-	1,147	693	581	108	-	-	-	-	-	-	2,530

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	1,147	693	581	108	-	-	-	-	-	-	2,530
	Total	-	1,147	693	581	108	-	-	-	-	-	-	2,530

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **THE QUARTERS DOWNTOWN - PHASE II**  
 PROFILE: **15-74-4031**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Mary Ann Debrinski
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Economic Development		Major Initiative: Quarters
<b>GROWTH</b>	<b>RENEWAL</b>	
100		
		PREVIOUSLY APPROVED: 43,200
		BUDGET REQUEST: -
		TOTAL PROFILE BUDGET: 43,200

**PROFILE DESCRIPTION**

The Quarters Downtown is a City-led initiative intended to provide the catalyst for private sector investment and redevelopment of the east side of Edmonton's downtown.

The revitalization efforts propose to transform The Quarters into a vibrant, healthy community comprised of five distinct areas, each with its own character, activities and feel, structured around a unique linear pedestrian oriented street running through the neighbourhood that provides a defining element for the community.

The Quarters Downtown Phase II is a continuation of redevelopment of the area which will continue implementation of The Quarters Downtown Urban Design Plan, including park land acquisition, development of New City Park Phase I, drainage and streetscape improvements on the avenues. Funds are required for infrastructure work, detailed engineering, landscape and streetscape design and land acquisition.

**PROFILE BACKGROUND**

The Quarters Downtown is a City-led initiative intended to provide the catalyst for private sector investment and redevelopment of the east side of Edmonton's downtown. The Quarters Downtown Community Revitalization Levy (CRL) Area Plan 2011, Bylaw 15800, was approved by the Province in 2011 and came into force and effect on January 1, 2012. The CRL outlines the urban design approved by City Council for The Quarters Downtown and the proposed phasing for implementation. The phasing was based on CRL revenue forecasts with the first phase providing \$56 million for infrastructure investments based on original CRL revenue projections. Updated CRL revenue projections are higher than originally forecasted and will cover the cost of Phase II. Phase II was identified in the CRL Area Plan as a Future Phase which included completing the armature streetscaping, drainage/streetscaping on all other streets/avenues, land, water and drainage improvements, Environmental Remediation and Contingency.

**PROFILE JUSTIFICATION**

Since the 1960's the east downtown area has been in decline and has not benefited from investment and redevelopment that has occurred in other areas of Edmonton. With its proximity to downtown, The Quarters redevelopment will help the City achieve its vision of being more sustainable. Phased implementation of City Council approved urban design and statutory plans for redevelopment of The Quarters Downtown will continue the momentum of revitalizing the area through strategic infrastructure investments. The Quarters Downtown Phase II is a continuation of redevelopment of the area; the objective is to transform this underutilized part of the downtown area of the City of Edmonton into a vibrant, healthy, walkable community.

**STRATEGIC ALIGNMENT**

Strategic Alignment with:

- The Way We Grow: aids in the evolution to a sustainable, healthy and compact city.
- The Way We Live: Assist in "giving Edmonton a greater range of housing, living and work place choice".

**ALTERNATIVES CONSIDERED**

Alternative approaches to revitalizing portions of the The Quarters started in 1964. At this point, the only alternative is not do anything which would not contribute to the City of Edmonton's effort of a sustainable, urban/compact City.

**COST BENEFITS**

Tangible Benefits:

- Increased tax revenue and density within the City
- Stimulate private sector investment Increase in development.

Intangible Benefits:

- More people living in the area and improved perceived safety of the community
- Quality urban design
- Improved community attractiveness and quality of life

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

- Contaminated soil; contingency on site-by-site basis
- Unable to acquire land; City's legal avenues (MGA)
- Rise in construction costs; contingency on site-by-site basis
- CRL revenues does not match forecast; adjust timing/implementation

## RESOURCES

This project will be led by The Quarters Team (Urban Renewal) who is the client and Roads Design and Construction, who are the project manager, with support from Parks Planning. External consultants will be engaged as required through the process.

## CONCLUSIONS AND RECOMMENDATIONS

The Quarters Downtown Phase II will achieve corporate/departmental goals by contributing to the creation of a sustainable/compact City and the revitalization of Edmonton's Downtown.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **The Quarters Downtown - Phase II****FUNDED**PROFILE NUMBER: **15-74-4031**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200
	Current Approved Budget	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200
	Approved Funding Sources												
	Debt CRL Quarters	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200
	Current Approved Funding Sources	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200
	Requested Funding Source												
	Debt CRL Quarters	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200
	Requested Funding Source	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,800	11,300	6,800	7,800	-	-	-	-	-	-	29,700
	Design	-	500	-	-	-	-	-	-	-	-	-	500
	Land	-	9,000	4,000	-	-	-	-	-	-	-	-	13,000
	Total	-	13,300	15,300	6,800	7,800	-	-	-	-	-	-	43,200

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Other

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
The Quarters	-	423	423	-	-	1,107	1,107	-	-	1,289	1,289	-	-	574	574	-
Total Operating Impact	-	423	423	-	-	1,107	1,107	-	-	1,289	1,289	-	-	574	574	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INITIAL PHASE GREEN AND WALKABLE DOWNTOWN**  
 PROFILE: **15-74-4101**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Mary Ann Debrinski
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category: Economic Development		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,356</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,356</b>

**PROFILE DESCRIPTION**

The Green and Walkable Downtown Catalyst Project includes streetscape upgrades throughout the Downtown Community Revitalization Levy (CRL) area. Through the CRL Plan, Council has identified the Arena Civic Interface as the portion of the project with initial funding, which includes 104/103a Avenue between 97 and 105 Streets. Streetscape improvements may include (but are not limited to) improved paving, street furniture, lighting, trees, planters, wayfinding, information kiosks, etc.

The project will create an attractive and interesting streetscape adjacent to major attractions to encourage pedestrians and visitors to linger and explore Downtown Edmonton. It is intended to maximize the impact of transformative projects like the Royal Alberta Museum and the Arena, and to advance the Capital City Downtown Plan's vision for 104 Avenue as a "Grand Avenue".

**PROFILE BACKGROUND**

Green and Walkable Downtown was identified as a Catalyst Project in the Downtown Community Revitalization Levy (CRL) Plan. The Capital City Downtown CRL Plan identified one component, the Arena Civic Interface, as an Initial Catalyst Project to stimulate Downtown development. Three projects, the Arena, Edmonton Downtown Academic and Cultural Centre, and the Royal Alberta Museum are being built in close proximity. This project will transform the public realm to connect these institutions.

The pedestrian realm in Downtown Edmonton requires improvement. Sidewalks are often narrow and in poor condition, and street trees often suffer from poor planting conditions. Thus, many areas Downtown are not an attractive place to walk, or invest. The Green and Walkable Project will improve Downtown streetscapes to spark a rejuvenation of the area.

**PROFILE JUSTIFICATION**

The project is an Initial catalyst project in the Downtown Community Revitalization Levy (CRL) Plan. 104/103a Ave will be the 'front yard' of several Edmonton's premier attractions - the Royal Alberta Museum (RAM), Arena and Arena District, and proposed Cultural Centre/Galleria. An upgraded pedestrian realm linking these facilities will encourage pedestrian traffic to disperse throughout the Downtown, attract additional investment to the area, and create a well-designed public realm around major attractions. This will increase pedestrian traffic and vibrancy, increase property values and civic pride, and support the safe movement of large volumes of pedestrians before and after major events. The Arena and RAM are currently under construction. If this streetscaping work is not completed in coordination with these major projects, either roadworks will be underway outside a newly completed facility, or poor streetscape conditions will persist outside landmark cultural facilities.

**STRATEGIC ALIGNMENT**

This project advances goals in The Way We Grow, The Way We Move, The Way We Live, and the Way We Prosper, as well as Sustainable Development departmental objectives of a More Sustainable Community, and Creative and Innovative Community Design.

**ALTERNATIVES CONSIDERED**

Alternative approaches to revitalizing the Downtown were considered during the development of the Capital City Downtown Plan. Today, the alternative in this situation is to do nothing.

**COST BENEFITS**

Tangible Benefits:

- Improved streetscape on 104/103a Avenue from 97 Street to 105 Street
- Increased tree canopy
- Increased property values and development activity

Intangible Benefits:

- Creation of an attractive, vibrant pedestrian realm linking major institutions
- Create a positive impression for visitors to the City

**KEY RISKS & MITIGATING STRATEGY**

Potential Risks for which mitigation strategies are in place include:

- Community Revitalization Levy (CRL) revenues insufficient.
- Unforeseen cost escalation
- Short-term traffic congestion, and construction coordination.

# CAPITAL PROFILE REPORT

## RESOURCES

It is not anticipated that additional Full Time Employees will be required to implement this project. Implementation teams will retain external consultants and contractors as appropriate through the process.

## CONCLUSIONS AND RECOMMENDATIONS

Recommend funding design and construction of the Green and Walkable Downtown - Arena Civic Interface project for the 2015-2018 Capital Budget. Implementation will be timed to coincide with construction of the Arena, RAM, and EDACC (Galleria).

## CHANGES TO APPROVED PROFILE

A scope increase is being requested for this profile to add improvements to City owned land within close proximity to 104/103a Avenue in order to create an integrated, seamless, and high quality pedestrian realm. There is no additional request for funding.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Initial Phase Green and Walkable Downtown****FUNDED**PROFILE NUMBER: **15-74-4101**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356
	Current Approved Budget	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356
	Approved Funding Sources												
	Debt CRL Downtown	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356
	Current Approved Funding Sources	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356
	Requested Funding Source												
	Debt CRL Downtown	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356
	Requested Funding Source	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	250	5,250	3,750	5,406	-	-	-	-	-	-	14,656
	Design	-	1,000	600	100	-	-	-	-	-	-	-	1,700
	Total	-	1,250	5,850	3,850	5,406	-	-	-	-	-	-	16,356

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Other

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Downtown Arena	-	83	83	-	-	338	338	-	-	482	482	-	-	288	288	-
Total Operating Impact	-	83	83	-	-	338	338	-	-	482	482	-	-	288	288	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INITIAL PHASE JASPER AVENUE NEW VISION**  
 PROFILE: **15-74-4103**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Mary Ann Debrinski**  
 LEAD BRANCH MANAGER: **Walter Trocenko**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **January, 2019**

<b>Service Category:</b> Economic Development		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,752</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,752</b>

**PROFILE DESCRIPTION**

This profile includes streetscape upgrades to Jasper Avenue in addition to the initial phase between 100 and 102 Streets, which are nearing completion. Similar to the initial phase, future improvements to Jasper Avenue will include a widened sidewalk, a narrowed roadway, high quality paving materials, street furniture, street lighting, trees, planters, and public art.

This project will be implemented in a number of phases from 97 Street to 109 Street. It is anticipated that one phase will be completed during this four-year budget cycle. Work will begin at 109 Street, and progress eastward, in order to mitigate traffic congestion impacts.

Jasper Avenue sits above a wide range of underground infrastructure, most notably LRT Stations. Underground assessments of subsurface infrastructure will identify any repairs that may be required. This project contains an allowance for underground infrastructure work that may be required prior to streetscaping (as directed by the CRL Plan).

**PROFILE BACKGROUND**

The streetscape of Jasper Avenue, constructed in the 1980s, is dilapidated and in need of improvement. The wide roadway and narrow sidewalks do not reflect Council's vision of Downtown as pedestrian-friendly and vibrant.

The Jasper Avenue New Vision project is listed in the Downtown Community Revitalization Levy Plan as an Initial Catalyst Project.

The initial phase of construction between 100 and 102 Streets has created an attractive, pedestrian-friendly corridor. Significant investments have been made to several abutting properties, similar to what has occurred following other streetscaping initiatives (e.g. the 104 Street promenade).

The remaining phases of streetscape improvements on Jasper Avenue will stimulate downtown development, as well as rehabilitate underground infrastructure if necessary.

**PROFILE JUSTIFICATION**

This project was identified as an Initial Catalyst Project in the Capital City Downtown Community Revitalization Levy (CRL) Plan, as approved by Council and the Province. The initial phase of construction between 100 and 102 Streets has created an attractive, pedestrian-friendly corridor. Significant investments have been made to several abutting properties, similar to what has occurred following other streetscaping initiatives (e.g. the 104 Street promenade).

Improvements to Jasper Avenue are expected to spark investment in the area and improve street-level vibrancy and attractiveness. The design will promote pedestrian activity and transit use, supporting Council's strategic goals. Additionally, this project will assess the condition of underground infrastructure and includes an allowance for underground infrastructure work that may be required to extend the lifespan of critical municipal infrastructure.

**STRATEGIC ALIGNMENT**

This project contributes to achieving The Way Ahead's goal of Transforming Edmonton's Urban Form, The Way We Grow, The Way We Move, and The Way We Live, as well as the Capital City Downtown Plan, CRL Plan, and Sustainable Development objectives.

**ALTERNATIVES CONSIDERED**

Alternative approaches to improving the Downtown core were considered during the development of the Capital City Downtown Plan. At this point, the only alternative is the "do nothing" option.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits:

- Enhanced street retail viability along Jasper Avenue
- Increased property values along Jasper Avenue
- Rehabilitation of LRT Stations (if required)
- Increased tree canopy coverage
- Attract private sector investment to Jasper Avenue

### Intangible:

- Higher quality public realm for Edmonton's Main Street
- Enhanced Civic pride
- Improved pedestrian safety
- Improved sense of safety and security

## KEY RISKS & MITIGATING STRATEGY

Risks associated with this project include discovering structural issues with LRT Stations, unforeseen cost escalation, as well as the potential for short-term disruption to traffic and local businesses.

## RESOURCES

Project implementation will be carried out by existing City staff. External consultants and/or contractors will be retained as appropriate throughout the process.

## CONCLUSIONS AND RECOMMENDATIONS

Recommend implementation of the Jasper Avenue New Vision to create an attractive, vibrant, main street. Undertake a phased approach, moving eastwards from 109 street and extend the life of infrastructure by repairing LRT Stations if necessary.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Initial Phase Jasper Avenue New Vision**

PROFILE NUMBER: **15-74-4103**

BRANCH: **Real Estate, Housing & Economic Sustainability**

**FUNDED**

PROFILE TYPE: **Standalone**

BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752
	Current Approved Budget	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752
	Approved Funding Sources												
	Debt CRL Downtown	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752
	Current Approved Funding Sources	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752
	Requested Funding Source												
	Debt CRL Downtown	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752
	Requested Funding Source	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	1,639	8,273	8,656	-	-	-	-	-	18,568
	Design	-	823	815	546	-	-	-	-	-	-	-	2,184
	Total	-	823	815	2,185	8,273	8,656	-	-	-	-	-	20,752

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Other

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Downtown Arena	-	39	39	-	-	49	49	-	-	138	138	-	-	471	471	-
Total Operating Impact	-	39	39	-	-	49	49	-	-	138	138	-	-	471	471	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	WAREHOUSE CAMPUS NEIGHBOURHOOD CENTRAL PARK LAND ACQUISITION	<b>FUNDED</b>
PROFILE	15-74-4104	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Sustainable Development	PROFILE TYPE: Standalone
BRANCH:	Real Estate, Housing & Economic Sustainability	PROFILE MANAGER: Mary Ann Debrinski
PROGRAM NAME:		LEAD BRANCH MANAGER: Walter Trocenko
LEAD BRANCH:	Real Estate, Housing & Economic Sustainability	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Economic Development	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	28,047
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	28,047

**PROFILE DESCRIPTION**

Land acquisition for a large park of up to 1.4 hectares (approximately one block) within the Warehouse Campus area in Downtown (bounded by 105 St, 104 Ave, 109 St, and the east-west laneway north of Jasper Ave). Funding for park construction will be requested in a future capital budget cycle. The precise location of land to be acquired has not been determined. Which lots are acquired will depend on market availability and suitability for a large park development.

The park will create an amenity space to support existing residential and employee populations, and in conjunction with the other catalyst projects, will encourage private investment and residential development in the Downtown. It will create a green, attractive, and livable public space which will provide opportunities for outdoor recreation, formal and informal gatherings and events, and will be a central gathering place for the emerging Warehouse Campus residential community.

**PROFILE BACKGROUND**

The Warehouse Campus Neighbourhood Central Park was identified as a Catalyst Project in the Capital City Downtown Plan (Bylaw 15200, approved July 2010). Also, the Capital City Downtown Community Revitalization Levy Plan (Bylaw 16521, approved September 2013) included the park as a "Future Catalyst Project" for implementation depending on the level of CRL revenues actually realized or as otherwise reprioritized by Council.

A large, high-quality park space will contribute to having more people live, work, and play Downtown, and will help transform the Warehouse area into a vibrant, safe, and enjoyable community. The current lack of park space in the area is a barrier to new development and is a deterrent for people considering living in the area, particularly families.

Some park space will be provided by the proposed 105St/102Ave park, but this larger park will have a greater transformative effect on the Downtown.

**PROFILE JUSTIFICATION**

Attractive park spaces are an essential building block of a vibrant Downtown where people will want to live, work, and play. The Warehouse area currently lacks park space, and the proposed 105 St/102 Ave park will not satisfy future needs. This second, larger park is essential to building an attractive community, and is particularly important for attracting families with children to the Downtown.

As a Future Catalyst Project in the Downtown Community Revitalization Levy (CRL) Plan, project implementation depends on the level of CRL revenues actually realized or as otherwise re-prioritized by Council. Recent events in the Warehouse area have advanced the urgency of acquiring land for this project. Land prices in the area are expected to increase as land in the area is purchased for redevelopment, so delaying this project will lead to significantly higher land costs. Additionally, as parcels are redeveloped, acquiring a contiguous area for park development will become impractical.

**STRATEGIC ALIGNMENT**

10 Year Strategic Plans: "Transform Edmonton's Urban Form" and "Improve Edmonton's Livability". The Way We Grow goals: "Urban Design" and "Complete, Healthy, and Livable Communities". Also aligned with the Capital City Downtown Plan and CRL Plan.

**ALTERNATIVES CONSIDERED**

Alternative approaches to improving the Downtown were contemplated during the consultation phase of the Downtown Plan. Delaying land acquisition would make it difficult or impossible to assemble adequate park space.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Benefits:

- Increase in park space
- Stimulate private sector residential and commercial investment
- Increased tree canopy
- Reduced stormwater runoff
- Improved downtown attractiveness and quality of life

### Assumptions:

Budget is based on land price estimates provided by the Appraisal unit, and will be sufficient to acquire approximately one block. Land assembly is expected to take several years as multiple individual parcels will be acquired.

## KEY RISKS & MITIGATING STRATEGY

A key risk is the missed opportunity to assemble parkland at reasonable prices. To mitigate this risk land needs to be acquired as quickly as possible.

## RESOURCES

This project will be led by the existing Downtown Plan Implementation unit, with support from other branches as required, in particular Parks Planning and Land Services.

## CONCLUSIONS AND RECOMMENDATIONS

Downtown Parkland acquisition advances key corporate and departmental goals by facilitating future park space that stimulates investment in an underdeveloped area. It will be led by Sustainable Development and will involve other branches as required.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Warehouse Campus Neighbourhood Central Park Land Acquisition****FUNDED**PROFILE NUMBER: **15-74-4104**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Current Approved Budget	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Approved Funding Sources												
	Debt CRL Downtown	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Current Approved Funding Sources	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Requested Funding Source												
	Debt CRL Downtown	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Requested Funding Source	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047
	Total	-	-	6,710	9,287	12,050	-	-	-	-	-	-	28,047

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Other

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Downtown Arena	-	79	79	-	-	453	453	-	-	728	728	-	-	845	845	-
<b>Total Operating Impact</b>	-	<b>79</b>	<b>79</b>	-	-	<b>453</b>	<b>453</b>	-	-	<b>728</b>	<b>728</b>	-	-	<b>845</b>	<b>845</b>	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INITIAL PHASE 105 STREET 102 AVENUE PARK**  
 PROFILE: **15-74-4106**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Mary Ann Debrinski
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2016
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	4,351
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,351
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**PROFILE DESCRIPTION**

This project includes the design and construction of a park on City-owned property at the northwest corner of 105 St and 102 Ave, as identified in the Downtown Community Revitalization Levy (CRL) Plan. On Sep. 23, 2014, the Naming Committee voted to name this park Alex Decoteau Park, after Canada's first aboriginal police officer.

The land (approximately 0.35 hectares) was purchased in 2007 for the purpose of constructing a park, but the project has not been able to progress. This project will create park space within the Central Warehouse neighbourhood, which is planned to become a dense residential community but which currently has no parks. It will create a new amenity for current and future residents and businesses, making the Downtown a more attractive place to live, work, play, and invest. It will transform a city-owned gravel parking lot, which contributes little to Downtown vibrancy and attractiveness, into a neighbourhood park serving one of Edmonton's densest communities.

**PROFILE BACKGROUND**

Identified as an Initial Catalyst Project in the Downtown Community Revitalization Levy (CRL) Plan, the City purchased 5 lots on the NW corner of 105 St and 102 Ave with the intention of constructing a park. The park will be an amenity space for residents and will encourage investment.

The land (approximately 0.35 hectares) was purchased in 2007 for the purpose of constructing a park, but the project has not been able to progress. This project will create park space within the Central Warehouse neighbourhood, which is planned to become a dense residential community but which currently has no parks. It will create a new amenity for current and future residents and businesses, making the Downtown a more attractive place to live, work, play, and invest. It will transform a city-owned gravel parking lot, which contributes little to Downtown vibrancy and attractiveness, into a neighbourhood park serving one of Edmonton's densest communities.

**PROFILE JUSTIFICATION**

This project has been approved by Council as an Initial Catalyst Project in the Downtown Community Revitalization Levy (CRL) Plan for immediate implementation. It supports corporate and departmental goals of an attractive Downtown with residential growth. Downtown is severely deficient in park space, even compared to the modest target of 1.1 hectares per 1000 residents contained in the Downtown Plan. The Central Warehouse area, which is intended to become a dense residential community, currently has no park space at all. Residential development on the scale envisioned in the Downtown plan is unlikely if park space is not provided. As such, this project will be an important catalyst for residential development in the area. The Downtown Edmonton Community League is strongly supportive of this project and has been advocating for investment in this project for several years.

**STRATEGIC ALIGNMENT**

10 Year Strategic Goals: "Transform Edmonton's Urban Form" and "Improve Edmonton's Livability". The Way We Grow goals: "Urban Design" and "Complete, Healthy, and Livable Communities". Also aligned with the Capital City Downtown Plan and CRL Plan.

**ALTERNATIVES CONSIDERED**

Alternative approaches to improving the Downtown were contemplated during the consultation phase of the Capital City Downtown Plan. At this point, the only alternative is the "do nothing" option, which contributes nothing to Downtown revitalization.

**COST BENEFITS****Tangible Benefits:**

- Increase downtown park space, value of nearby properties, tree canopy, surface permeability
- Stimulate private sector residential and commercial investment
- Reduced stormwater runoff

**Intangible Benefits:**

- Improve Downtown attractiveness and quality of life
- Provide space for gatherings and events
- Community involvement in park planning will strengthen community links and create a sense of 'ownership'

**KEY RISKS & MITIGATING STRATEGY**

Drainage Services may require access to the site in the future - involve drainage early in process to accommodate their needs in the design. Contamination may lead to reclamation costs; conduct Environmental Site Assessments early to establish risk.

# CAPITAL PROFILE REPORT

## RESOURCES

This project will be led by the existing Downtown Plan Implementation unit with support from Parks Planning. External consultants will be engaged as required, including, but not limited to, work on Environment Site Assessments and design.

## CONCLUSIONS AND RECOMMENDATIONS

This park will advance key corporate and departmental goals by creating park space and encouraging investment in an underdeveloped area. It will be led by Sustainable Development but involving stakeholders to streamline implementation.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Initial Phase 105 Street 102 Avenue Park****FUNDED**PROFILE NUMBER: **15-74-4106**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	549	3,802	-	-	-	-	-	-	-	-	4,351
	Current Approved Budget	-	549	3,802	-	-	-	-	-	-	-	-	4,351
	Approved Funding Sources												
	Debt CRL Downtown	-	549	3,802	-	-	-	-	-	-	-	-	4,351
	Current Approved Funding Sources	-	549	3,802	-	-	-	-	-	-	-	-	4,351

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	549	3,802	-	-	-	-	-	-	-	-	4,351
	Requested Funding Source												
	Debt CRL Downtown	-	549	3,802	-	-	-	-	-	-	-	-	4,351
	Requested Funding Source	-	549	3,802	-	-	-	-	-	-	-	-	4,351

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	165	3,802	-	-	-	-	-	-	-	-	3,967
	Design	-	384	-	-	-	-	-	-	-	-	-	384
	Total	-	549	3,802	-	-	-	-	-	-	-	-	4,351

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Other, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Downtown Arena	-	26	26	-	-	201	201	-	-	66	66	-	-	29	29	-
Neighbourhoods	-	-	-	-	-	30	30	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	26	26	-	-	231	231	-	-	66	66	-	-	29	29	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	<b>FUTURE PHASE GREEN AND WALKABLE - OTHER STREETS</b>	<b>FUNDED</b>
PROFILE	<b>15-74-4109</b>	PROFILE STAGE: <b>Post Budget Approval</b>
DEPARTMENT:	<b>Sustainable Development</b>	PROFILE TYPE: <b>Standalone</b>
BRANCH:	<b>Real Estate, Housing &amp; Economic Sustainability</b>	PROFILE MANAGER: <b>Mary Ann Debrinski</b>
PROGRAM NAME:		LEAD BRANCH MANAGER: <b>Walter Trocenko</b>
LEAD BRANCH:	<b>Real Estate, Housing &amp; Economic Sustainability</b>	ESTIMATED START: <b>January, 2017</b>
BUDGET CYCLE:	<b>2015-2018 run for 2015</b>	ESTIMATED COMPLETION: <b>January, 2019</b>

<b>Service Category:</b>	<b>Economic Development</b>	<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,672</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,672</b>

**PROFILE DESCRIPTION**

The Capital City Downtown Community Revitalization Levy (CRL) Plan (as approved by Council and the Province) has identified "Green and Walkable Downtown" as a Catalyst Project. This project includes streetscape upgrades throughout the CRL area to be implemented gradually over the CRL term. Streetscape improvements may include improved paving, street furniture, lighting, trees, planters, etc. As a "Future Catalyst Project", this project will proceed if adequate CRL revenues are available or as otherwise prioritized by Council.

The specific streets or avenues to be improved will be selected after approval of funding. Criteria for selecting streets for improvements are included in the CRL Plan (Section 10.1.4). The funding proposed in this capital profile would allow for improvements to two to three blocks of a roadway.

**PROFILE BACKGROUND**

Green and Walkable Downtown was identified as a Catalyst Project in the Downtown Plan. The Downtown Community Revitalization Levy (CRL) Plan identified \$62 million for Green and Walkable Downtown as a "Future Project" for implementation depending on the level of revenues generated.

The pedestrian realm in the Downtown requires improvement. Sidewalks are often narrow and in poor condition, and street trees often suffer from poor planting conditions. Thus, many areas Downtown are not an attractive place to walk, or invest. The Green and Walkable Project will improve Downtown streetscapes to spark a rejuvenation of the area.

**PROFILE JUSTIFICATION**

Streetscape improvements have been an integral component of Downtown revitalizations across North America. Sidewalks and streets form a major part of the public realm Downtown and therefore are critical to the attractiveness of Downtown to residents, workers, visitors, and investors.

Along with the aesthetic improvements to Edmonton's Downtown, streetscape improvements are expected to generate increased property values, to increase pedestrian traffic and vibrancy, and to spark additional investment in the Downtown core. The 104th Street promenade is an example of the positive effect streetscaping can have. In the 15 years since the street was rebuilt, nearly 1300 new units have been constructed within 100 metres of the street, with nearly 800 additional units proposed or under construction.

**STRATEGIC ALIGNMENT**

Aligns with The Way We Grow, The Way We Move, The Way We Live, and the Way We Prosper, as well as Sustainable Development Departmental objectives; More Sustainable Community, and Creative and Innovative Community Design.

**ALTERNATIVES CONSIDERED**

Alternative approaches to revitalizing the Downtown were considered during the development of the Capital City Downtown Plan. Today, the only alternative in this situation is to do nothing.

**COST BENEFITS****Tangible Benefits:**

- Improved streetscape on 2-3 blocks of downtown
- Increased tree canopy
- Increased property values and development activity

**Intangible Benefits:**

- Creation of an attractive, vibrant pedestrian realm
- Create a positive impression for visitors to the City

# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

Potential Risks for which mitigation strategies are in place include:

- CRL Revenues insufficient
- Unforeseen cost escalation
- Short-term traffic congestion

## RESOURCES

It is not anticipated that additional Full Time Employees will be required to implement this project. Implementation teams will retain external consultants and contractors as appropriate through the process.

## CONCLUSIONS AND RECOMMENDATIONS

Recommend approval of the Future Projects Green and Walkable Downtown - Other Streets project for the 2015-2018 Capital Budget. Implementation will proceed in 2018 as long as incoming Community Revitalization Levy (CRL) Revenues are sufficient.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Future Phase Green and Walkable - Other Streets****FUNDED**PROFILE NUMBER: **15-74-4109**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	827	7,845	-	-	-	-	-	8,672
	Current Approved Budget	-	-	-	-	827	7,845	-	-	-	-	-	8,672
	Approved Funding Sources												
	Debt CRL Downtown	-	-	-	-	827	7,845	-	-	-	-	-	8,672
	Current Approved Funding Sources	-	-	-	-	827	7,845	-	-	-	-	-	8,672

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	827	7,845	-	-	-	-	-	8,672
	Requested Funding Source												
	Debt CRL Downtown	-	-	-	-	827	7,845	-	-	-	-	-	8,672
	Requested Funding Source	-	-	-	-	827	7,845	-	-	-	-	-	8,672

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	7,845	-	-	-	-	-	7,845
	Design	-	-	-	-	827	-	-	-	-	-	-	827
	Total	-	-	-	-	827	7,845	-	-	-	-	-	8,672

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Other

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Downtown Arena	-	41	41	-	-	430	430	-	-	-310	-310	-	-	-	-	-
Total Operating Impact	-	41	41	-	-	430	430	-	-	-310	-310	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EETP - STORMWATER DRAINAGE SOLUTIONS**  
 PROFILE: **15-74-4111**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Walter Trocenko
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LEAD BRANCH MANAGER:	Walter Trocenko
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2016
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Service Category: Economic Development		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,000</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,000</b>

**PROFILE DESCRIPTION**

Strategic investment in a stormwater outlet trunk that will service the Edmonton Energy and Technology Park (EETP) will help to catalyze major energy and petrochemical investment for the development of a chemical cluster. This initiative is critical to preserve the downstream portions of Horsehill Creek from erosion and environmental degradation. Without a stormwater outlet trunk through EETP and Horse Hill residential area to the North Saskatchewan River, development of the EETP cannot proceed. A developer of Horse Hill Neighbourhood 2 is currently undergoing design and construction approval process for a portion of a stormwater outlet trunk, which, if oversized, would serve development within the EETP as well. Without contribution from the City towards oversizing costs, the outlet trunk will not be oversized and this would result in a much more costly second outlet trunk (to be 100% paid for upfront by the City) or the inability to develop within the EETP.

**PROFILE BACKGROUND**

The Edmonton Energy and Technology Park (EETP) is a 5,244 hectare area in the North East part of the city envisaged to become a world-class eco-industrial park with precincts for petrochemicals, manufacturing, logistics and research and development. The City is currently undertaking an initiative in investment readiness in order to increase the competitiveness of the Edmonton Energy and Technology Park to attract heavy industrial investment. An Area Structure Plan Amendment and Rezoning/Zoning Bylaw Amendment have been undertaken as part of this initiative.

Further to these initiative activities, the investment in the required infrastructure is the next step in ensuring the development of the EETP. The investment in municipal infrastructure is expected to encourage development of a chemical cluster and attract investment in metal fabrication, logistics, plastics and other manufacturing.

**PROFILE JUSTIFICATION**

The initial outcome of this initiative is to contribute to the costs associated with a Horse Hill Neighbourhood 2 developer oversizing a proposed stormwater outlet trunk in order to service the EETP. This contribution will allow for the opportunity for catalytic, strategic and innovative eco-industrial development in this area which will provide significant opportunity to diversify and grow the City's industrial tax base. Without this contribution, the Horse Hill developer will proceed with development of a stormwater outlet trunk that is not oversized and therefore will not be able to service the EETP. The result will be a requirement for a second outlet trunk to service EETP that will need to be oversized to service other future residential development within future Horse Hill Neighbourhood 4 & 5. This second trunk will be at a much higher overall cost and could require the EETP to upfront 100% of those costs, otherwise further development within the EETP will not be possible.

**STRATEGIC ALIGNMENT**

Aligns with the WAYS: City has a resilient financial position (FINANCE); Edmonton-Internationally renowned as a powerhouse of industry (PROSPER); Prevent erosion of Edmonton's River Valley, link growth with optimized infrastructure investment (GROW)

**ALTERNATIVES CONSIDERED**

(1) Contribute to costs of oversizing proposed stormwater outlet trunk to be constructed by a developer of Horse Hill Neighbourhood 2 - Total oversizing costs of first stage are ~ \$2.7M with the City's contribution proposed at \$2M (Recommended) (An additional \$11M in contributions is expected in the coming years and will be acquired through Capital Budget Amendment process as per Council's December 2, 2014 discussion)

(2) EETP will develop and construct a second stormwater outlet trunk that will need to be oversized for future Horse Hill Neighborhoods 4 & 5. This will result in higher total costs (in the order of \$60M) and the City will be required to upfront 100% of those costs, with uncertainty in recovery timing.

**COST BENEFITS**

1. Cost savings overall and upfront (a stormwater trunk will eventually be required regardless and this alternative represents a total construction savings of approximately \$20+million)
2. Cost recovery certainty on future stages of stormwater trunk development
3. Phased contributions. Original ask was \$ 13M, Council approved \$2M in 2016 and remainder acquired through future Capital Budget amendments as discussed by Council on Dec 2/14.



# CAPITAL PROFILE REPORT

## KEY RISKS & MITIGATING STRATEGY

Risks include failure to attract major investment projects to EETP. Mitigation includes:

- shifting the focus of the EETP to traditional industrial uses to help ensure cost recovery of the investment; and
- staging construction of the outlet trunk

## RESOURCES

Drainage Services will provide direction on the preferred solution for stormwater trunk system options. Sustainable Development will lead project activities related to the approvals process, including rezoning, supported by technical consultants.

## CONCLUSIONS AND RECOMMENDATIONS

To show commitment to future investors, the City should invest in responsible and efficient infrastructure solutions. The risks associated with inaction are far greater than those associated with this profile. The potential benefits are great.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **EETP - Stormwater Drainage Solutions****FUNDED**PROFILE NUMBER: **15-74-4111**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Current Approved Budget	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Pay-As-You-Go	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Current Approved Funding Sources	-	-	2,000	-	-	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Pay-As-You-Go	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source	-	-	2,000	-	-	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Total	-	-	2,000	-	-	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CIVIC ACCOMMODATION TRANSFORMATION**  
 PROFILE: **16-17-5044**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Walter Trocenko**  
 LEAD BRANCH MANAGER: **Walter Trocenko**  
 ESTIMATED START: **December, 2015**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>16,372</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>16,372</b>

**PROFILE DESCRIPTION**

The profile is a composite of capital expenses associated with the following: reconfiguration of existing furniture systems modular wall systems to support/facilitate ease of change in the future, card access and security system hardware, a closed circuit television system associated with the security system, Wide Area Network and Local Area Network computer hardware.

**PROFILE BACKGROUND**

City Council approved a recommendation to review options for consolidating the majority of downtown office staff in the Fall of 2012. The process culminated in November 2013 when City Council directed Administration to enter into negotiations with EAD Development Partnership (by its partners WAM EAD Limited Partnership by its General Partner WAM EAD GP Inc. and KG (EAD) Developments Inc) or as its now known EAD First Street Properties Corp for a long-term office space lease. The negotiations resulted in a lease of approximately 354,000 usable square feet (385,000 rentable) being signed by both parties in February 2014. Occupancy of the Edmonton Civic Tower is currently scheduled to begin in the November of 2016.

**PROFILE JUSTIFICATION**

This is a City Council approved initiative whose component costs were considered in the financial modeling of the alternative accommodation strategies.

**STRATEGIC ALIGNMENT**

Supports the conditions of success outlined in the Way Ahead by providing a new integrated service delivery model that enhances value to citizens through one accessible, efficient and innovative service centre.

**ALTERNATIVES CONSIDERED**

The one variable within the projected costs is the modular wall system. The alternative is to construct traditional drywall partitions; however, to do so would limit the ability to reconfigure space in the future to accommodate evolving business requirements over the 20 year life of the lease. The modular wall system is easily reconfigured, less disruptive and environmentally friendly due to the nearly 100% material reuse factor. There are potential savings with the tenant improvements associated with this process; however, at the time of preparation of this profile, tendering results are not known.

**COST BENEFITS**

The lease of the new space is for a minimum of 20 years, therefore, the benefits of this investment are long term and are reasonable if amortized over a similar period of time. Recent relocation projects consisting of the modular wall systems and systems furniture were completed very quickly and efficiently. For example, the cost of one move was only 20% of what a traditional 'drywall' relocation would have cost.

**KEY RISKS & MITIGATING STRATEGY**

If funding is not approved, Administration will not be able to accommodate three Departments, Community Services, Transportation, and Sustainable Department, in their totality reducing synergies and efficiencies among the Departments.

**RESOURCES**

This capital profile will be funded from, both internal and external sources. Internal sources of funding will come from enterprise areas which are recoverable, External funding sources will come from the promise to pay and tenant inducements.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this profile be approved to ensure success of the Civic Accommodation Transformation as Administration strives to reduce its corporate real estate foot print.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Civic Accommodation Transformation****FUNDED**PROFILE NUMBER: **16-17-5044**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372
	Current Approved Budget	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372
	Approved Funding Sources												
	Other	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372
	Current Approved Funding Sources	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372
	Requested Funding Source												
	Other	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372
	Requested Funding Source	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	-	1,610	9,942	-	-	-	-	-	-	-	11,552
	Technology	-	-	3,020	1,800	-	-	-	-	-	-	-	4,820
	Total	-	-	4,630	11,742	-	-	-	-	-	-	-	16,372

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSFORMING SURPLUS CITY LANDS**  
 PROFILE: **16-17-5045**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH: **Real Estate, Housing & Economic Sustainability**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Walter Trocenko**  
 LEAD BRANCH MANAGER: **Walter Trocenko**  
 ESTIMATED START: **December, 2015**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,303</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,303</b>

**PROFILE DESCRIPTION**

This profile is to manage the transformation of City-owned, surplus land into fully serviced developable land and re-purpose in line with Council direction. The work involves mandatory planning and engineering work.

**PROFILE BACKGROUND**

City land holdings are reviewed periodically and result in some land being declared surplus to City needs. These lands are often located within developed areas of the City. Upon a review of each site a determination is made regarding the potential to develop the surplus land into a new use aligned with "The Ways" City Strategic Plans. This development requires capital funding associated soil testing, site servicing, public engagement activities, rezoning, subdivision, and other related land development expenses.

Real Estate, Housing and Economic Sustainability is responsible for overseeing the review and development of surplus City land, and to change the use of surplus land based on strategic directions provided in "The Ways" documents. We transform surplus City land and support efforts of staff throughout the City.

**PROFILE JUSTIFICATION**

Development of surplus City land are proposed if it provides a positive return on investment or meets important City building objectives. Development allows Administration to transform surplus land into new uses aligned with Councils strategic directions contained within "The Ways". Development allows new uses that increase housing choice, density and neighbourhood vitality in residential areas, and increase employment and tax levy earning in commercial and industrial areas. REHES, acting as landowner on behalf of the City, must expend the upfront cost of soil testing, site servicing, public engagement activities, rezoning, subdivision, and other related land development expenses. These development costs are born upfront at the beginning of a project, with associated revenue from each site generated after the sale of the land. This capital profile will provide the necessary funding to bridge this gap in time and allow each of the surplus City land to be developed in a timely manner.

**STRATEGIC ALIGNMENT**

This profile contributes to the corporate outcomes of "Edmonton is attractive and compact" and "The City of Edmonton has a resilient financial position" by developing surplus lands and providing a positive return to the City.

**ALTERNATIVES CONSIDERED**

No alternative funding mechanism exists to support the development of Surplus City Land. Failure to fund this capital profile will result in the inability to proceed with this Council-approved initiative. The profile previously funded by Land Enterprise fund.

**COST BENEFITS**

Developing unutilized municipal land to create more options for development will revitalize neighbourhoods and communities. This is a sustainable way to create vibrant neighbourhoods and increase tax base. The funds invested to make these lands ready for development will be recovered from future land sale proceeds. This profile is urgently needed as there are currently no means of funding to support the repurpose and development of these lands.

**KEY RISKS & MITIGATING STRATEGY**

Land transactions are sensitive to the market. Residential, Commercial, and Industrial property development will mitigate this risk. There are also environmental and community risks which are mitigated through site assessments and public engagements.

**RESOURCES**

This initiative bears no additional demand on existing resources. Surplus municipal land development is managed internally by the Civic Property Services section in collaboration with various other branches in the City.

# CAPITAL PROFILE REPORT

Profile Page 2

## CONCLUSIONS AND RECOMMENDATIONS

This profile will allow for the development and sale of Surplus Lands. The profile has both a capital request and an operating impact. The site development costs (to ready the holdings for sale) must be capitalized to the land holding which is done through the capital process. The actual sale of the land holdings is the operating impact. As the sites are developed and sold they will provide a positive return to the City, through the Land Fund Retained Earnings, of over \$18M. The profile is expected to provide a positive return in each of the three years.

Civic Property Services section under Real Estate, Housing and Economic Sustainability branch is requesting funding approval for profile #16-17-5045 to support the re-purpose and development of surplus municipal land.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Transforming Surplus City Lands****FUNDED**PROFILE NUMBER: **16-17-5045**PROFILE TYPE: **Standalone**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Current Approved Budget	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Approved Funding Sources												
	Land Fund Retained Earnings	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Current Approved Funding Sources	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Requested Funding Source												
	Land Fund Retained Earnings	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Requested Funding Source	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303
	Total	-	-	3,773	4,430	4,100	-	-	-	-	-	-	12,303

**OPERATING IMPACT OF CAPITAL**

Type of Impact: General Costs, Revenue

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Land Enterprise	15,722	5,732	-9,990	-	9,834	4,749	-5,085	-	9,100	5,488	-3,612	-	-	-	-	-
Total Operating Impact	15,722	5,732	-9,990	-	9,834	4,749	-5,085	-	9,100	5,488	-3,612	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INCLUSIONARY HOUSING**  
 PROFILE: **CM-74-4112**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Real Estate, Housing & Economic Sustainability**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Walter Trocenko
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Economic Development		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>823</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>823</b>

**PROFILE DESCRIPTION**

Purchase of inclusionary housing units in accordance with the current practice, and future City Policy.

**PROFILE BACKGROUND**

The practice of requiring an affordable housing contribution from residential projects that use Direct Control zoning and have a height or density increase has been in place since 2007. The standard agreement is for the developer to offer the City of Edmonton the option to purchase 5% or more of the units at 85% or less of market price.

This funding profile includes known offers to purchase in 2015.

**PROFILE JUSTIFICATION**

The inclusionary housing program is part of the City of Edmonton Cornerstones Affordable Housing program as approved by City Council. Funding has been allocated for this program in the Affordable Housing Reserve.

**STRATEGIC ALIGNMENT**

Strategic Alignment with:

- The Way We Grow: aids in the evolution to a sustainable, healthy and compact city.
- The Way We Live: assists in "giving Edmonton a greater range of housing, living and work place choice."

**ALTERNATIVES CONSIDERED**

The City of Edmonton may decline the option to purchase, and has done so in the past when insufficient funds were available at the time of the offer to purchase. Choosing to not purchase the units results in inconsistent treatment of residential developers, which is highly undesirable.

**COST BENEFITS**

Tangible Benefits:

- Increased density within the City, associated with the Direct Control re-zoning
- Stimulate private sector investment
- Create a net revenue stream that will eventually allow the inclusionary housing program to be financially self-sustaining

Intangible Benefits:

- Introduction of integrated mix-income affordable housing units in market housing projects delivered by the private sector

**KEY RISKS & MITIGATING STRATEGY**

Inability to rent the purchased units. Edmonton's current and forecast rental vacancy rate is exceptionally low, which means that there is very low risk of being unable to rent the units.

**RESOURCES**

A Planner in the Real Estate, Housing and Economic Sustainability Branch reviews and processes the applications. The Law Branch provides the formal agreements, which are based on a largely transferable template.

**CONCLUSIONS AND RECOMMENDATIONS**

Funds have been allocated for this capital expenditure in the Affordable Housing Reserve. The acquisition of these units creates a net revenue stream for the City of Edmonton to expand the Inclusionary Housing portfolio.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):

(2.1.3) \$823K to fund the purchase of inclusionary housing units through the Affordable Housing Reserve.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Inclusionary Housing****FUNDED**PROFILE NUMBER: **CM-74-4112**PROFILE TYPE: **Composite**BRANCH: **Real Estate, Housing & Economic Sustainability**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget		-	-	-	-	-	-	-	-	-	-	-
	Original Budget Approved		-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council		823	-	-	-	-	-	-	-	-	-	823
	Current Approved Budget		823	-	-	-	-	-	-	-	-	-	823
	Approved Funding Sources		-	-	-	-	-	-	-	-	-	-	-
	Affordable Housing Reserve		823	-	-	-	-	-	-	-	-	-	823
	Other Reserve		-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources		823	-	-	-	-	-	-	-	-	-	823

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	823	-	-	-	-	-	-	-	-	-	823
	Requested Funding Source		-	-	-	-	-	-	-	-	-	-	-
	Affordable Housing Reserve		823	-	-	-	-	-	-	-	-	-	823
	Other Reserve		-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source		823	-	-	-	-	-	-	-	-	-	823

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-	823	-	-	-	-	-	-	-	-	-	823
	Total	-	823	-	-	-	-	-	-	-	-	-	823

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **THE QUARTERS**  
 PROFILE: **07-17-0400**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Trocenko W.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2007**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Economic Development</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,671</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,671</b>

**PROFILE DESCRIPTION**

The Quarters Downtown is a City led redevelopment initiative intended to provide the catalyst for private sector investment and redevelopment of the east side of Edmonton's downtown. This is the historic city centre and is an area that has been in decline for many decades. Using City resources, major infrastructure will be upgraded and new public amenities will be created to address development impediments and to attract investment and encourage the revitalization of this area.

Funding is needed to complete:

1. Preliminary infrastructure planning and design,
2. Detailed engineering, landscape and streetscape design, and
3. Land acquisition.

Preliminary designs are required for all major and shallow utilities and roadway alignments. Detailed designs will be needed prior to commencing construction of municipal improvements. Other related consulting costs could include: cost estimates, work related to the facilitation of the relocation of the Grierson Centre, additional studies required to implement the new urban design plan including such items as sun/shade studies, wind studies, reports on new loading and unloading and waste collections standards, as well as land acquisition and research and data collection related to the ongoing redevelopment in The Quarters. This funding allotment also includes design and engineering costs for Boyle Renaissance and the community hub.

**PROFILE JUSTIFICATION**

For many decades the east downtown area has not benefitted from investment and redevelopment that have occurred in other areas across Edmonton. To attract private investment and new development to this area requires a financial commitment on the part of City Council to begin the process of urban renewal. Following several years of public consultations, in September 2006 Council approved the Vision for Downtown East (now The Quarters Downtown). Funding as proposed will ensure the needed municipal improvements are in place to allow for the redevelopment of this area.

Funding will ensure contract work is completed timely and efficiently. Funding also provides capital funding needed to purchase land.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **The Quarters****FUNDED**PROFILE NUMBER: **07-17-0400**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,590	-	-	-	-	-	-	-	-	-	-	7,590
	2008 CBS Budget Adjustment	-2,661	-	-	-	-	-	-	-	-	-	-	-2,661
	2009 CBS Budget Adjustment	1,847	-	-	-	-	-	-	-	-	-	-	1,847
	2010 CBS Budget Adjustment	-826	-	-	-	-	-	-	-	-	-	-	-826
	2011 CBS Budget Adjustment	-1,990	-	-	-	-	-	-	-	-	-	-	-1,990
	2012 CBS Budget Adjustment	-1,061	-	-	-	-	-	-	-	-	-	-	-1,061
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,772	-	-	-	-	-	-	-	-	-	-	1,772
	2014 Cap Carry Forward	-1,450	1,450	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	3,221	1,450	-	-	-	-	-	-	-	-	-	4,671
	Approved Funding Sources												
	Pay-As-You-Go	2,325	1,450	-	-	-	-	-	-	-	-	-	3,775
	Pay-As-You-Go (non-TCA)	896	-	-	-	-	-	-	-	-	-	-	896
	Current Approved Funding Sources	3,221	1,450	-	-	-	-	-	-	-	-	-	4,671

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,221	1,450	-	-	-	-	-	-	-	-	-	4,671
	Requested Funding Source												
	Pay-As-You-Go	2,325	1,450	-	-	-	-	-	-	-	-	-	3,775
	Pay-As-You-Go (non-TCA)	896	-	-	-	-	-	-	-	-	-	-	896
	Requested Funding Source	3,221	1,450	-	-	-	-	-	-	-	-	-	4,671

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-1,450	1,450	-	-	-	-	-	-	-	-	-	-
	Other Costs	4,671	-	-	-	-	-	-	-	-	-	-	4,671
	Total	3,221	1,450	-	-	-	-	-	-	-	-	-	4,671

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GALLERY OF HISTORIC NEON SIGNS**  
 PROFILE: **08-17-0350**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Urban Design and Area Planning**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ohm P.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2009
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	200
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	200
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**PROFILE DESCRIPTION**

Over the years, the City's Historic Preservation Program has been collecting and storing neon signs from buildings that have been demolished or when the building owners changed businesses or signs. There are approximately 6 - 8 signs in storage, which date from the 1940's to the 1970's. They vary in size from 6 to 20 feet in height. The possible locations of the collection to be placed are being explored in the downtown area. The emphasis shall be to create an outdoor gallery, with suitable interpretation in the back lanes such as Rice Howard Way and the rear of the Stanley Milner Library. It is anticipated more signs will become available once the initial signs are up. Some of the signs include Canadian Furniture, Georgia Baths, Cliffs Auto Parts, Pantages Theatre (x2), WW Arcade, and Mike's.

This budget is required to provide structural reinforcement to building walls if required and the interpretive plaque to complete the Gallery. The Sign Association of Alberta agreed to restore the neon signs and lights.

**PROFILE JUSTIFICATION**

The neon lights represented a period of Edmonton's commercial history and they need to be preserved and displayed for the public and visitors.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Gallery of Historic Neon Signs****FUNDED**PROFILE NUMBER: **08-17-0350**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	-	-	-	-	-	-	-	-	-	-	200
	2009 CBS Budget Adjustment	-200	-	-	-	-	-	-	-	-	-	-	-200
	2010 CBS Budget Adjustment	45	-	-	-	-	-	-	-	-	-	-	45
	2011 CBS Budget Adjustment	18	-	-	-	-	-	-	-	-	-	-	18
	2012 CBS Budget Adjustment	14	-	-	-	-	-	-	-	-	-	-	14
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	123	-	-	-	-	-	-	-	-	-	-	123
	2014 Cap Carry Forward	130	-130	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	330	-130	-	-	-	-	-	-	-	-	-	200
	Approved Funding Sources												
	Other Reserve	330	-130	-	-	-	-	-	-	-	-	-	200
	Current Approved Funding Sources	330	-130	-	-	-	-	-	-	-	-	-	200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	330	-130	-	-	-	-	-	-	-	-	-	200
	Requested Funding Source												
	Other Reserve	330	-130	-	-	-	-	-	-	-	-	-	200
	Requested Funding Source	330	-130	-	-	-	-	-	-	-	-	-	200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	330	-130	-	-	-	-	-	-	-	-	-	200
	Total	330	-130	-	-	-	-	-	-	-	-	-	200

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LAND - B. R. PHASE 2 & QUARTERS DOWNTOWN**  
 PROFILE: **09-17-0404**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Trocenko W.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Economic Development</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,561</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,561</b>

**PROFILE DESCRIPTION**

Prior to 2013, this project was used to acquire land parcels for the Boyle Renaissance - Phase 2 project - see related Project 08-17-0402. For 2013 and 2014, it is for land acquisitions in The Quarters Downtown which is a City lead redevelopment initiative that addresses long standing urban renewal issues in the area between 97 and 92 Streets from the top of the riverbank to 103A Avenue. This area has an approved urban design plan which is being implemented in phases with funding from The Quarters Downtown Community Revitalization Levy. Cornerstones I funding will be leveraged to help achieve the City's affordable housing and urban renewal objectives.

#13-40: Increase of \$2.9 million in both 2013 and 2014 to reflect Council approved transfer of Cornerstones I funding to The Quarters Downtown. Increase of \$307k in 2013 to provide Cornerstones funding for property acquisition costs incurred in 2012.

**PROFILE JUSTIFICATION**

At the July 4, 2012 City Council meeting, reallocation of \$5.8 million of Cornerstones I - Land Purchase Affordable Housing Boyle Renaissance to land acquisition in The Quarters Downtown was approved. This funding will be leveraged to assemble larger parcels in The Quarters Downtown for affordable housing developments that will contribute to the revitalization initiative in the area.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Land - B. R. Phase 2 & Quarters Downtown****FUNDED**PROFILE NUMBER: **09-17-0404**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2009 Cap Carry Forward	-1,110	-	-	-	-	-	-	-	-	-	-	-1,110
	2009 CBS Budget Adjustment	2,968	-	-	-	-	-	-	-	-	-	-	2,968
	2010 CBS Budget Adjustment	3,186	-	-	-	-	-	-	-	-	-	-	3,186
	2011 CBS Budget Adjustment	410	-	-	-	-	-	-	-	-	-	-	410
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,107	-	-	-	-	-	-	-	-	-	-	6,107
	2014 Cap Carry Forward	-6,107	6,107	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	5,454	6,107	-	-	-	-	-	-	-	-	-	11,561
	Approved Funding Sources												
	Other Grants - Provincial	3,818	4,275	-	-	-	-	-	-	-	-	-	8,093
	Other Reserve	1,636	1,832	-	-	-	-	-	-	-	-	-	3,468
	Current Approved Funding Sources	5,454	6,107	-	-	-	-	-	-	-	-	-	11,561

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,454	6,107	-	-	-	-	-	-	-	-	-	11,561
	Requested Funding Source												
	Other Grants - Provincial	3,818	4,275	-	-	-	-	-	-	-	-	-	8,093
	Other Reserve	1,636	1,832	-	-	-	-	-	-	-	-	-	3,468
	Requested Funding Source	5,454	6,107	-	-	-	-	-	-	-	-	-	11,561

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-3,207	3,207	-	-	-	-	-	-	-	-	-	-
	Other Costs	8,661	2,900	-	-	-	-	-	-	-	-	-	11,561
	Total	5,454	6,107	-	-	-	-	-	-	-	-	-	11,561

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ENERGY/GREENHOUSE GAS REDUCTION PROJECTS**  
 PROFILE: **09-17-5501**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Land Use and Environmental Policy**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Klassen G.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Building Renewal</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,950</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,950</b>

**PROFILE DESCRIPTION**

This project captures the range of energy conservation greenhouse gas reduction projects to be funded from tax-supported debt. The original borrowing limit Council approved was \$30 million. \$14,400 has been funded under the MeFirst! program as interest free debt for the first 5 year.

The remainder in this profile uses utility cost savings to repay the borrowed retrofit loan plus interest.

These projects applies to City-owned facilities, outdoor lighting, transportation and process facilities. Projects include but not limited to lighting retrofits and redesign, mechanical system upgrades and control modernization, building envelope improvements and alternate energy sources.

All retrofit projects will be reviewed by the Energy Management Revolving Fund (EMRF) Project Review Committee and the Environmental Policy Coordinating Committee (EPCC) to ensure that feasibility, required payback and CO2 reductions are met.

The expected asset life ranges from 12 years to 25 years with a 5 to 10 year debenture term.

2012 Peer Review (carry forward) - Transfer to Sustainable Development for The Way We Grow projects.

#12-36: Transfer \$4,950 due to The Way We Green projects under the Energy/Greenhouse Gas Reduction program now residing in Sustainable Development.

**PROFILE JUSTIFICATION**

The Energy Management Revolving Fund allows the City to pursue energy conservation projects that will produce operating cost savings, and will assist the City in attaining its greenhouse gas reduction targets. In addition, the recommended increase has no impact on the tax levy.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Energy/Greenhouse Gas Reduction Projects****FUNDED**PROFILE NUMBER: **09-17-5501**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	4,950	-	-	-	-	-	-	-	-	-	-	4,950
	2014 Cap Carry Forward	-4,950	4,950	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	4,950	-	-	-	-	-	-	-	-	-	4,950
	Approved Funding Sources												
	Tax-Supported Debt	-	4,950	-	-	-	-	-	-	-	-	-	4,950
	Current Approved Funding Sources	-	4,950	-	-	-	-	-	-	-	-	-	4,950

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,950	-	-	-	-	-	-	-	-	-	4,950
	Requested Funding Source												
	Tax-Supported Debt	-	4,950	-	-	-	-	-	-	-	-	-	4,950
	Requested Funding Source	-	4,950	-	-	-	-	-	-	-	-	-	4,950

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	-	4,950	-	-	-	-	-	-	-	-	-	4,950
	Total	-	4,950	-	-	-	-	-	-	-	-	-	4,950

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKS LAND ACQUISITION - FUNDED**  
 PROFILE: **12-17-0002**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ohm P.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Economic Development</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>24,880</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>24,880</b>

**PROFILE DESCRIPTION**

The profile will fund the acquisition and assembly of land for new park construction. New parkland is dedicated and purchased for neighbourhood, district, city level, downtown and river valley parks. The profile funds consolidations, zoning, environmental assessments and land planning / administration costs to prepare lands for park development.

Dependencies: The interested parties that may be impacted (positively or negatively) by this project include Corporate Properties (Acquisition, Land Services) and Community Services (Maintenance, Operations).

#60: Budget increased by \$10.3 million for Parks Land Acquisitions, funded by Funds in Lieu Reserve, by 2012 Fall Supplemental Capital Budget Adjustment.

#66: \$3,500 transferred to Webber Greens Park Site stand alone project (12-17-1067) by 2012 Fall Supplemental Capital Budget Adjustment.

#67: \$1,209 shifted from FILR to PPRA due to change in financing source on North Edge land acquisition - 2013 Fall Supplemental Capital Budget Adjustment.

**PROFILE JUSTIFICATION**

Land acquisition is required where lands are identified for future parks through Council approved Bylaws and Plan documents. Acquisition is necessary where lands are not dedicated to the City in a timely fashion, or are not provided through Municipal and Environmental Reserves.

Alignment: This project provides parkland for the citizens of Edmonton and helps build an attractive liveable city. It aligns with a number of The Ways documents including The Way We Grow, The Way We Live and The Way We Green. The provision of land for parks and schools is also a requirement under the Municipal Government Act.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Parks Land Aquisition - Funded****FUNDED**PROFILE NUMBER: **12-17-0002**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	11,750	-	-	-	-	-	-	-	-	-	-	11,750
	2012 CBS Budget Adjustment	8,596	-	-	-	-	-	-	-	-	-	-	8,596
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,509	-	-	-	-	-	-	-	-	-	-	3,509
	2014 Cap Carry Forward	-7,501	7,501	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,025	-	-	-	-	-	-	-	-	-	-	1,025
	Current Approved Budget	17,379	7,501	-	-	-	-	-	-	-	-	-	24,880
	Approved Funding Sources												
	Funds-in-Lieu Reserve	12,466	3,177	-	-	-	-	-	-	-	-	-	15,643
BUDGET REQUEST	Parkland Purchase Reserve	3,205	3,572	-	-	-	-	-	-	-	-	-	6,777
	Pay-As-You-Go	1,708	752	-	-	-	-	-	-	-	-	-	2,460
	Current Approved Funding Sources	17,379	7,501	-	-	-	-	-	-	-	-	-	24,880

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	17,379	7,501	-	-	-	-	-	-	-	-	-	24,880
	Requested Funding Source												
	Funds-in-Lieu Reserve	12,466	3,177	-	-	-	-	-	-	-	-	-	15,643
	Parkland Purchase Reserve	3,205	3,572	-	-	-	-	-	-	-	-	-	6,777
	Pay-As-You-Go	1,708	752	-	-	-	-	-	-	-	-	-	2,460
	Requested Funding Source	17,379	7,501	-	-	-	-	-	-	-	-	-	24,880

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-2,974	3,999	-	-	-	-	-	-	-	-	-	1,025
	Other Costs	20,353	3,502	-	-	-	-	-	-	-	-	-	23,855
	Total	17,379	7,501	-	-	-	-	-	-	-	-	-	24,880

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NATURAL AREAS ACQUISITION & CONSERVATION**  
 PROFILE: **12-17-0007**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Composite**PROFILE MANAGER: **Ohm P.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2012**ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,784</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,784</b>

**PROFILE DESCRIPTION**

This profile will provide funds to facilitate the acquisition of roughly 20% - 25% of the area of identified natural sites, mostly through the use of tax supported debt, with the associated debt servicing costs being financed by the existing \$1 million dollar annual contribution to the Natural Areas Reserve.

Generally the asset life of land (grass, trees, open space) is immeasurable. The debenture term is 25 years.

Balance of Project 09-28-0007 transferred from Parks due to corporate reorg - Budget Adjustment #12-54

**PROFILE JUSTIFICATION**

Plan Edmonton and the Community Services Integrated Service Strategy both point to the need to conserve more natural areas. Policy C531 (Natural Area Systems Plan) encourages the Administration to explore all feasible options to conserve natural features within the urban fabric of Edmonton's table lands. An inventory completed in 1995 and updated in 2008 indicated approximately 540 acres of natural features worthy of further consideration for conservation. The majority of these features are privately owned. The availability of these funds will enable the City to negotiate in a timely manner with landowners, leverage additional funds and acquire lands ahead of the development process when land costs are lower. Without this fund to support the efforts of the conservation coordinator and the rest of the Administration, valuable pieces of our natural heritage may be lost unnecessarily.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Natural Areas Acquisition & Conservation****FUNDED**PROFILE NUMBER: **12-17-0007**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,784	-	-	-	-	-	-	-	-	-	-	12,784
	2014 Cap Carry Forward	-2,630	2,630	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784
	Approved Funding Sources												
	Tax-Supported Debt	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784
	Current Approved Funding Sources	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784
	Requested Funding Source												
	Tax-Supported Debt	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784
	Requested Funding Source	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-2,630	2,630	-	-	-	-	-	-	-	-	-	-
	Other Costs	12,784	-	-	-	-	-	-	-	-	-	-	12,784
	Total	10,154	2,630	-	-	-	-	-	-	-	-	-	12,784

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **105 AVE STREETSCAPE (COLUMBIA AVENUE)**  
 PROFILE: **12-17-0372**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ohm P.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Economic Development
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	-
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	-
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**PROFILE DESCRIPTION**

Council approved the expenditure of \$7.5 million to install improvements identified in the 105 Avenue Streetscape project between 111 and 119 Streets. Improvements include themed gateways, street signing and bulbed intersections, enhanced paving materials in the pedestrian and multi use trail realm, pedestrian scale lighting, street furniture, street trees, and infrastructure to accommodate low maintenance plantings to reduce paved areas, enhance drainage, and mitigate nuisances associated with the roadway traffic. These improvements will greatly enhance the pedestrian experience and support new infill development along 105 Avenue. \$0.938 million will be allocated in 2012 and 2013 to complete detailed design, and \$6.562 million will be allocated in 2014 to construct the associated improvements. Construction of the 105 Avenue Streetscape improvements will be coordinated with the improvements undertaken in the area through the Neighbourhood Rehabilitation Program and in consultation with the Office of Great Neighbourhoods.

Additional funding will be required after 2014 to complete the project between 97 and 101 Streets and between 105 and 111 Streets. The portion of 105 Avenue between 101 and 105 Streets will be funded and constructed as part of the North LRT line.

The Percent for Art amount has been calculated on the funded portion of this project (\$7.5M).

Fall 2012:

#12-66: Project transferred in entirety from Sustainable Development to Transportation Services by 2012 Fall Supplemental Capital Budget Adjustment.

**PROFILE JUSTIFICATION**

City Council approved the Downtown North Edge Study as part of amendments to the Central McDougall and Queen Mary Park Area Redevelopment Plans in 2005. The 105 Avenue Streetscape Project is a major element in the Study's strategy to revitalize these areas by creating a liveable, attractive, vibrant, and pedestrian friendly Avenue, and thereby attract private investment and residential infill development to the area.

The streetscape between 111 and 119 street is non existent, or deficient.

A levy on new development was established as part of the amendments to the Central McDougall and Queen Mary Park Area Redevelopment Plans to fund the 105 Avenue Streetscape improvements. However, insufficient funds have accumulated through the levy to undertake the improvements.

The Neighbourhood Rehabilitation Program will be upgrading the utilities and roadways in this area during 2012 and 2013. Installing streetscape improvements along 105 Avenue during 2014 would be timely, cost effective and provide greater collective impact in stimulating redevelopment in the area.

Alignment

The implementation of the streetscape improvement along 105 Avenue is an important component of the approved vision for the area. As part of the rezoning process to DC1, the adjacent property owners are responsible for the costs of the required streetscape to the portion(s) of road right(s)-of-way abutting a Site (from private property line to the new curb) as identified by the 105 Avenue Corridor Study. The City has been collecting these costs for the last few years.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **105 Ave Streetscape (Columbia Avenue)****FUNDED**PROFILE NUMBER: **12-17-0372**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	469	-	-	-	-	-	-	-	-	-	-	469
	2012 CBS Budget Adjustment	-469	-	-	-	-	-	-	-	-	-	-	-469
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MCCONACHIE DISTRICT PARK SITE**  
 PROFILE: **12-17-1064**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Ohm P.**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,674</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,674</b>

**PROFILE DESCRIPTION**

This project will construct a portion of the new park site in the McConachie Neighbourhood of the Pilot Sound Area Structure Plan. The approximately 28 ha site (including natural areas) will provide for a future Public junior high school and a Catholic elementary / junior high, active sports fields, as well as preserve a natural area.

Concept-level planning has already been completed. Detailed design will be completed in 2012, and construction in 2013/2014 will complete a portion of the site. The construction of a portion of the park is to include grade level and seeding, plus some trees, and is approximately \$1.674M over 3 years.

**PROFILE JUSTIFICATION**

As part of the subdivision process, land surrounding proposed school and park sites is subdivided, allowing municipal reserve lands to be assembled by the City of Edmonton for school, community, park and recreation purposes, as provided for under the Municipal Government Act.

Growing populations require new schools and park spaces, especially in new neighbourhoods where such facilities and amenities do not presently exist. Parks provide opportunities for recreation, improved health, and environmental preservation.

Currently the land is a mix of publicly acquired lands and private lands that will be dedicated or purchased likely within the next 1-2 years that will allow park development to proceed. The land is currently undeveloped and looks much like a farm field.

Design will be completed in 2012, and construction in 2013/2014 will complete a portion of the site. The District Park construction will be completed once all lands have been acquired by the City, and additional budget is secured.

Development of the park to a base level allows indoor and outdoor recreational and school facility development. Once this land is in place, community organizations can begin using / programming the site. Land to accommodate new school construction will be in place and available to support school programming. Land for the new recreation facility construction will be in place and new facility construction will be possible. Once those facilities are built, residents will be able to use and enjoy them, and achieve health and wellness benefits.

**CHANGES TO APPROVED PROFILE**

Fall 2016 SCBA - for Approval by City Council

"While the developer is required to develop (sub-grade, topsoil access and seeding) a portion of the site totaling \$2,000,000, they are unable to do so on a timeline that would coincide with the opening of the Catholic School in 2016. Rather than delay this work, the developer has agreed to have Administration manage the developer portion of the required work and transfer \$2,000,000 to the City to fund the required improvement.

An adjusted profile of \$3.674 million (including \$2 million in developer funding) and transfer of project management responsibilities to the City will allow the grade, level and seed the site, inclusive of park and sports field development in time for the school to open in 2016."

Completion date of the profile has been changed from December 2015 to December 2017



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **McConachie District Park Site****FUNDED**PROFILE NUMBER: **12-17-1064**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,074	-	-	-	-	-	-	-	-	-	-	1,074
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	600	-	-	-	-	-	-	-	-	-	-	600
	2014 Cap Carry Forward	-1,621	1,621	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Current Approved Budget	53	1,621	2,000	-	-	-	-	-	-	-	-	3,674
	Approved Funding Sources												
	Developer Financing	-	-	2,000	-	-	-	-	-	-	-	-	2,000
BUDGET REQUEST	Munc Sustain. Initiative - MSI	-	1,254	-	-	-	-	-	-	-	-	-	1,254
	Pay-As-You-Go	53	367	-	-	-	-	-	-	-	-	-	420
	Current Approved Funding Sources	53	1,621	2,000	-	-	-	-	-	-	-	-	3,674

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	53	1,621	2,000	-	-	-	-	-	-	-	-	3,674
	Requested Funding Source												
	Developer Financing	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Munc Sustain. Initiative - MSI	-	1,254	-	-	-	-	-	-	-	-	-	1,254
	Pay-As-You-Go	53	367	-	-	-	-	-	-	-	-	-	420
	Requested Funding Source	53	1,621	2,000	-	-	-	-	-	-	-	-	3,674

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Other Costs	53	1,621	-	-	-	-	-	-	-	-	-	1,674
	Total	53	1,621	2,000	-	-	-	-	-	-	-	-	3,674

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	63	63	-	-	63	63	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	63	63	-	-	63	63	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: CAMERON HEIGHTS SCHOOL PARK-NEW PARK CON  
 PROFILE: 12-17-1065  
 DEPARTMENT: Sustainable Development  
 BRANCH: Urban Planning & Environment  
 PROGRAM NAME: Parks Planning and Biodiversity  
 LEAD BRANCH:  
 BUDGET CYCLE: 2015-2018 run for 2015

**FUNDED**

PROFILE STAGE: Approved

PROFILE TYPE: Standalone

PROFILE MANAGER: Ohm P.

LEAD BRANCH MANAGER:

ESTIMATED START: January, 2012

ESTIMATED COMPLETION: December, 2015

Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	2,246
100		<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	2,246

**PROFILE DESCRIPTION**

This project will create a new school and park site in the Cameron Heights neighbourhood. This 8.2 hectare site will provide for a future public school, community league facilities and active sports fields for this new neighbourhood. Land surrounding the site has been subdivided and is to be developed by the end of 2014. Residents are interested in building a playground on the site with matching grants. The Cameron Heights Neighbourhood Structure Plan, approved in 2001, is approximately 50% built out.

Concept-level planning has already been completed. Detailed design and construction is set to commence in 2012, and be completed by 2013-2014.

The cost to construct the park, including grade level and seeding, trees, parking lots and utility infrastructure is approximately \$2.126M spread over 3 years; \$0.3M in 2012, \$1.326M in 2013 and \$0.5M in 2014.

#64: Developer Financing increased by \$120 in 2013 through 2013 Fall Supplemental Capital Budget Adjustment.

**PROFILE JUSTIFICATION**

As part of the subdivision process, land surrounding proposed school and park sites is subdivided, allowing municipal reserve lands to be assembled by the City of Edmonton for school, community, park and recreation purposes, as provided for under the Municipal Government Act.

Growing populations require new schools and park spaces where such facilities and amenities do not presently exist. Parks provide opportunities for recreation, improved health and environmental preservation.

Design and construction of a new school and park site in the Cameron Heights neighbourhood will be completed by 2014 assuming development activity continues in the immediate area of the park.

Development of the park to a base level allows indoor and outdoor recreational and school facility development. Once this land is in place, community organizations can begin using / programming the site. Land to accommodate new school construction will be in place and available to support school programming. Land for new recreation facility construction will be in place and new facility construction will be possible. Once those facilities are built, residents will be able to use and enjoy them, and achieve health and wellness benefits.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Cameron Heights School Park-New Park Con****FUNDED**PROFILE NUMBER: **12-17-1065**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,826	-	-	-	-	-	-	-	-	-	-	1,826
	2012 CBS Budget Adjustment	48	-	-	-	-	-	-	-	-	-	-	48
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	372	-	-	-	-	-	-	-	-	-	-	372
	2014 Cap Carry Forward	-903	903	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	1,343	903	-	-	-	-	-	-	-	-	-	2,246
	Approved Funding Sources												
	Developer Financing	90	30	-	-	-	-	-	-	-	-	-	120
	Munc Sustain. Initiative - MSI	1,253	661	-	-	-	-	-	-	-	-	-	1,914
REVISSED BUDGET (IF APPROVED)	Pay-As-You-Go	-	212	-	-	-	-	-	-	-	-	-	212
	Current Approved Funding Sources	1,343	903	-	-	-	-	-	-	-	-	-	2,246

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,343	903	-	-	-	-	-	-	-	-	-	2,246
	Requested Funding Source												
	Developer Financing	90	30	-	-	-	-	-	-	-	-	-	120
	Munc Sustain. Initiative - MSI	1,253	661	-	-	-	-	-	-	-	-	-	1,914
	Pay-As-You-Go	-	212	-	-	-	-	-	-	-	-	-	212
	Requested Funding Source	1,343	903	-	-	-	-	-	-	-	-	-	2,246

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Other Costs	1,343	903	-	-	-	-	-	-	-	-	-	2,246
	Total	1,343	903	-	-	-	-	-	-	-	-	-	2,246

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	32	32	-	-	32	32	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>32</b>	<b>32</b>	-	-	<b>32</b>	<b>32</b>	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ADVANCED PARK DEVELOPMENT PARTNERSHIP**  
 PROFILE: **12-17-1066**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Ohm P.**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,682</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,682</b>

**PROFILE DESCRIPTION**

This project will facilitate the development of new park construction in 5 park sites in 4 neighbourhoods. The city share of funds will be dedicated to park site inspections, greenspace establishment period repair activities and other items identified on a site by site basis (i.e. soil augmentation). It is anticipated that the developers will fund construction of basic (eg. grade level seed, trees, park signs) and some shared amenities (eg. playgrounds). The developers and city commitments may vary by site. Legal agreements are being prepared that will see park sites developed largely at the cost of the developers in Allard, Rosenthal, Chappelle (2) and Windermere. Other sites may be added as developers come forward and could be accessed if funds are available. City funds will only be expended when a developer and the city agree and their funds are secured by legal agreement.

#64: Developer Financing reduced by \$7,318 over 2013 and 2014 through 2013 Fall Supplemental Capital Budget Adjustment - developers are contributing assets instead of providing funding.

**PROFILE JUSTIFICATION**

Parks are basic infrastructure that are typically provided by the city and its community partners. This program will enhance park development timing and enable the city to access developer funding when they are willing to sign a legal agreement on a voluntary basis to provide park amenities.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Advanced Park Development Partnership****FUNDED**PROFILE NUMBER: **12-17-1066**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2012 CBS Budget Adjustment	473	-	-	-	-	-	-	-	-	-	-	473
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-2,791	-	-	-	-	-	-	-	-	-	-	-2,791
	2014 Cap Carry Forward	-1,389	1,389	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682
	Approved Funding Sources												
	Developer Financing	313	369	-	-	-	-	-	-	-	-	-	682
	Funds-in-Lieu Reserve	980	1,020	-	-	-	-	-	-	-	-	-	2,000
	Current Approved Funding Sources	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682
	Requested Funding Source												
	Developer Financing	313	369	-	-	-	-	-	-	-	-	-	682
	Funds-in-Lieu Reserve	980	1,020	-	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682
	Total	1,293	1,389	-	-	-	-	-	-	-	-	-	2,682

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WEBBER GREENS SCHOOL AND PARK SITE**  
 PROFILE: **12-17-1067**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Ohm P.
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,500</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,500</b>

**PROFILE DESCRIPTION**

This project will construct the Webber Greens School and Park Site in the Webber Greens Neighbourhood at Webber Greens Drive and 204 Street. This 9 ha. site will accommodate a public K-9 school, a catholic K-9 site, associated sportsfields and a community league site. Concept level planning has already been completed. The City is awaiting transfer of the remainder of the parkland from the developer. This transfer is anticipated to occur very soon. Detailed design will occur beginning in 2012. Construction will occur in 2013 and 2014. The cost to construct based on concept level planning is estimated to be \$3.5M.

#66: Funds transferred from Parks Land Acquisition Composite Project (12-17-0002) by 2012 Fall Supplemental Capital Budget Adjustment.

**PROFILE JUSTIFICATION**

As part of the subdivision process, land surrounding proposed school and park sites is subdivided, allowing municipal lands to be assembled by the City of Edmonton for school, community park and recreation purposes, as provided for under the Municipal Government Act. It is anticipated that the Province will soon announce new schools. Webber Greens is the highest priority for the Edmonton Catholic School Board. The land is currently undeveloped.

Growing populations require new schools and park spaces, especially in new neighborhoods where such facilities and amenities do not presently exist. Parks provide opportunities for recreation, improved health, and environmental preservation.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Webber Greens School and Park Site****FUNDED**PROFILE NUMBER: **12-17-1067**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,250	-	-	-	-	-	-	-	-	-	-	3,250
	2012 CBS Budget Adjustment	7	-	-	-	-	-	-	-	-	-	-	7
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	243	-	-	-	-	-	-	-	-	-	-	243
	2014 Cap Carry Forward	-3,480	3,480	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	20	3,480	-	-	-	-	-	-	-	-	-	3,500
	Approved Funding Sources												
	Funds-in-Lieu Reserve	-	1,250	-	-	-	-	-	-	-	-	-	1,250
	Pay-As-You-Go	20	2,230	-	-	-	-	-	-	-	-	-	2,250
	Current Approved Funding Sources	20	3,480	-	-	-	-	-	-	-	-	-	3,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	20	3,480	-	-	-	-	-	-	-	-	-	3,500
	Requested Funding Source												
	Funds-in-Lieu Reserve	-	1,250	-	-	-	-	-	-	-	-	-	1,250
	Pay-As-You-Go	20	2,230	-	-	-	-	-	-	-	-	-	2,250
	Requested Funding Source	20	3,480	-	-	-	-	-	-	-	-	-	3,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Other Costs	20	3,480	-	-	-	-	-	-	-	-	-	3,500
	Total	20	3,480	-	-	-	-	-	-	-	-	-	3,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RVA CONNECTIVE INFRASTRUCTURE**  
 PROFILE: **12-17-6100**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Urban Design and Area Planning**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	76,085
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	76,085
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**PROFILE DESCRIPTION**

This profile provides funding for the development of River Valley projects. Costs will be shared equally by the River Valley Alliance, Federal Government and The City of Edmonton. Agreements with the funding partners indicate that some costs (i.e. internal staff cost, % for Art, environmental monitoring after construction, etc.) are not considered eligible for cost sharing. This budget request is to fund essential costs that the partners consider ineligible. The list of projects include:

## Valley Attractions:

Terwillegar Park Footbridge	\$24.50M
Primary and secondary trails	\$3.50M
Water Access Improvements	\$1.22M

## City Centre:

Water Access Improvements	\$0.61M
West Rosedale Projects	\$34.40M
- Mechanized Valley Access	
- Touch the Water Promenade	

## Valley Parks:

Secondary Trail	\$0.50M
Water Access Improvements	\$0.17M

## Other:

NE Trail to Anthony Henday Bridge	\$8.00M
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**PROFILE JUSTIFICATION**

The River Valley parks development and protection is supported by many strategic plans, policies and regulations including The Way Ahead, The Municipal Development Plan (The Way We Grow), Ribbon of Green Master Plan and the Urban Parks Management Plan (UPMP). The projects meet The Way Ahead Corporate Outcomes that include Transform Edmonton's Urban Form, Improve Edmonton's Liveability and Preserve and Sustain Edmonton's Environment.

**CHANGES TO APPROVED PROFILE**

This \$3.2M budget change request is for the non-eligible costs for the RVA Connective Infrastructure projects that was not included in the original budget profile 12-17-6100. Non-Eligible costs include internal COE project staff, % for art costs of the Terwillegar Park Footbridge, Mechanized River Valley Access System and Touch the Water Promenade, Soft Costs exceeding 15% as established by the funding partners, as well as future environmental monitoring for the Terwillegar Park Footbridge that extends past the Feb 2017 deadline.

Funding partners (Building Canada Fund and River Valley Alliance) will not support some specifically defined project costs in Profile 12-17-6100 RVA Connective Infrastructure. If the City uses General Finance or Parkland Reserve funds approved in the existing profile for these non-eligible costs, the City can lose up to \$5.9M of matching fund from the funding partners.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **RVA Connective Infrastructure****FUNDED**PROFILE NUMBER: **12-17-6100**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	65,610	-	-	-	-	-	-	-	-	-	-	65,610
	2012 CBS Budget Adjustment	22	-	-	-	-	-	-	-	-	-	-	22
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	7,268	-	-	-	-	-	-	-	-	-	-	7,268
	2014 Cap Budget Request for Next Cycle	-	2,181	886	164	-	-	-	-	-	-	-	3,231
	2014 Cap Carry Forward	-66,063	38,078	27,985	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-46	-	-	-	-	-	-	-	-	-	-	-46
	Current Approved Budget	6,791	40,259	28,871	164	-	-	-	-	-	-	-	76,085
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	6,791	6,602	9,242	-	-	-	-	-	-	-	-	22,635
	Parkland Purchase Reserve	-	186	214	-	-	-	-	-	-	-	-	400
	Partnership Funding	-	30,071	18,529	-	-	-	-	-	-	-	-	48,600
	Pay-As-You-Go	-	3,400	886	164	-	-	-	-	-	-	-	4,450
	Current Approved Funding Sources	6,791	40,259	28,871	164	-	-	-	-	-	-	-	76,085

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,791	40,259	28,871	164	-	-	-	-	-	-	-	76,085
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	6,791	6,602	9,242	-	-	-	-	-	-	-	-	22,635
	Parkland Purchase Reserve	-	186	214	-	-	-	-	-	-	-	-	400
	Partnership Funding	-	30,071	18,529	-	-	-	-	-	-	-	-	48,600
	Pay-As-You-Go	-	3,400	886	164	-	-	-	-	-	-	-	4,450
	Requested Funding Source	6,791	40,259	28,871	164	-	-	-	-	-	-	-	76,085

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,260	466	-	-	-	-	-	-	-	-	1,726
	Design	-	626	209	-	-	-	-	-	-	-	-	834
	Follow Up Warranty	-	-	-	164	-	-	-	-	-	-	-	164
	Other Costs	6,837	38,078	27,985	-	-	-	-	-	-	-	-	72,900
	Percent for Art	-46	295	212	-	-	-	-	-	-	-	-	461
	Total	6,791	40,259	28,871	164	-	-	-	-	-	-	-	76,085

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	210	210	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	210	210	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ROSSDALE POWER PLANT STABILIZATION**  
 PROFILE: **13-17-3101**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Urban Design and Area Planning**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Ohm P.**

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2014**ESTIMATED COMPLETION: **December, 2015**Service Category: **Economic Development**

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**3,420**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**3,420****PROFILE DESCRIPTION**

This project is to stabilize the Rosssdale Power Plant buildings.

The Rosssdale Power Plant is comprised of five buildings: the Boiler Hall, the Turbine Hall, the Switch House and two Pump Houses. All buildings have been vacant for some time and are in need of some form of repair and upgrading prior to being repurposed. The Province of Alberta has designated the Boiler and Turbine Halls, the Switch House, and the older of the two Pump Houses, as Historic Resources. In April 2013, the Province confirmed the City must explore options to repurpose/retain the buildings based on their status as Historic Resources.

Stabilizing the buildings for up to ten years will allow the City time to explore development options for the site. The potential re-purposing of the Rosssdale Power Plant buildings aligns with The Way We Grow by seeking opportunities to enhance the public realm by supporting conservation and adaptive reuse of historic resources. It also aligns with The Way We Live by pursuing partnerships to develop and maintain venues that serve as a legacy to all Edmontonians and serve as a centerpiece of an integrated regional river valley parks system.

#60: New project approved through the 2013 Fall Supplemental Capital Budget Adjustment.

**PROFILE JUSTIFICATION**

Without immediate repair of the Rosssdale Power Plant building, the deterioration of the roof will keep progressing and the risk of wall collapse will increase which can result in higher repair cost or the loss of a Municipal Historic Resource due to lack of time to explore site development options.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Rossdale Power Plant Stabilization****FUNDED**PROFILE NUMBER: **13-17-3101**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,420	-	-	-	-	-	-	-	-	-	-	3,420
	2014 Cap Carry Forward	-3,261	3,261	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	159	3,261	-	-	-	-	-	-	-	-	-	3,420
	Approved Funding Sources												
	Pay-As-You-Go	159	3,261	-	-	-	-	-	-	-	-	-	3,420
	Current Approved Funding Sources	159	3,261	-	-	-	-	-	-	-	-	-	3,420

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	159	3,261	-	-	-	-	-	-	-	-	-	3,420
	Requested Funding Source												
	Pay-As-You-Go	159	3,261	-	-	-	-	-	-	-	-	-	3,420
	Requested Funding Source	159	3,261	-	-	-	-	-	-	-	-	-	3,420

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Other Costs	159	3,261	-	-	-	-	-	-	-	-	-	3,420
	Total	159	3,261	-	-	-	-	-	-	-	-	-	3,420

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MACTAGGART SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **14-17-1069**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	1,940
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,940
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**PROFILE DESCRIPTION**

The Mactaggart School/Park Site has been fully assembled and anticipated to be placed in the 2015-18 budget cycle for base level development. In 2013 the Provincial Government announced the funding for the school with a scheduled opening fall of 2016

**PROFILE BACKGROUND**

The Mactaggart School/Park Site has been fully assembled and was anticipated to be placed in the next budget cycle for base level development. However, due to the announcement for the school opening in 2015, accelerated site development is required.

**PROFILE JUSTIFICATION**

The announcement for the school development has created the need for accelerated development of the site to be in compliance of the Joint Use Agreement and have the recreational space in place for school programming.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could delay the park development to the spring of 2015 with a potential construction cost increase of \$450,000.

**COST BENEFITS**

The project will result in tangible assets including trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with landscape reassessments.

**RESOURCES**

The construction and project management are included with that capital costs identified in this profile. The planning and overall budget monitoring will require Planner resources from Urban Parks and Environment which is part of our service delivery.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Mactaggart School/Park site which is scheduled for school opening in the fall of 2016. The funding for the project is needed to meet legal obligations set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mactaggart School/Park Site Development****FUNDED**PROFILE NUMBER: **14-17-1069**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-1,375	1,375	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,375	565	-	-	-	-	-	-	-	-	-	1,940
	Current Approved Budget	-	1,940	-	-	-	-	-	-	-	-	-	1,940
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,665	-	-	-	-	-	-	-	-	-	1,665
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	275	-	-	-	-	-	-	-	-	-	275
	Current Approved Funding Sources	-	1,940	-	-	-	-	-	-	-	-	-	1,940

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,940	-	-	-	-	-	-	-	-	-	1,940
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,665	-	-	-	-	-	-	-	-	-	1,665
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	275	-	-	-	-	-	-	-	-	-	275
	Requested Funding Source	-	1,940	-	-	-	-	-	-	-	-	-	1,940

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,940	-	-	-	-	-	-	-	-	-	1,940
	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	1,940	-	-	-	-	-	-	-	-	-	1,940

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, General Costs, Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	53	53	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	53	53	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WINDERMERE SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **14-17-1070**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2016
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Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,762</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,762</b>

**PROFILE DESCRIPTION**

The Windermere School/Park Site development was anticipated to be placed in the next budget cycle for base level development. Alberta Infrastructure recently announced the funding for the school, with an anticipated opening of fall of 2016.

**PROFILE BACKGROUND**

The Windermere School/Park Site was anticipated to be placed in the next budget cycle for base level development. The Provincial Government recently announced the funding for the school with an anticipated opening of fall of 2016.

**PROFILE JUSTIFICATION**

The announcement for the school development has created the need for accelerated development of the site to be in compliance of the Joint Use Agreement and have the recreational space in place for school programming.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could delay the detailed design until construction funding is secured, however this could delay construction completion.

**COST BENEFITS**

Early design work may provide opportunity for early tendering and more competitive construction costs.

**KEY RISKS & MITIGATING STRATEGY**

Should construction funding not be secured in a timely manner, school board and community needs could potentially change and require amendments to the site programming and detailed design.

**RESOURCES**

This profile accounts for all internal and external services required to deliver the project with the exception of a planner resource from Urban Planning and Environment. All design work will be assigned to Community Services.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Windermere School/Park site which is scheduled for school opening in the fall of 2016. The funding for the project is needed to meet legal obligations set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

The Provincial Government recently announced the development of a new Catholic K-9 school in Windermere with a scheduled opening in the fall of 2016. The Windermere Neighbourhood is well established and development of this site will provide essential recreational opportunities for the community and ensure the City meets obligations set out in the Joint Use Agreement with the School Boards.

During 2014 SCBA, only design component of Windermere School/Park Site development was requested and approved. This Change Request is to request \$2,487K additional funding for base level development of Windermere School/Park Site including grade, level, seed, sports fixtures, trees, landscaping, utilities, parking, walkways, signage, etc. as defined by the Urban Parks Management Plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Windermere School/Park Site Development****FUNDED**PROFILE NUMBER: **14-17-1070**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	1,376	1,111	-	-	-	-	-	-	-	-	2,487
	2014 Cap Carry Forward	-275	275	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	275	-	-	-	-	-	-	-	-	-	-	275
	Current Approved Budget	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762
	Approved Funding Sources												
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762
	Current Approved Funding Sources	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762
	Requested Funding Source												
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762
	Requested Funding Source	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,376	1,111	-	-	-	-	-	-	-	-	2,487
	Design	-	275	-	-	-	-	-	-	-	-	-	275
	Total	-	1,651	1,111	-	-	-	-	-	-	-	-	2,762

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **AMBLESIDE SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **14-17-1071**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	2,178
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	2,178
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**PROFILE DESCRIPTION**

The Ambleside School/Park Site has been assembled and was anticipated to be placed in the 2015-18 budget cycle for base level development. The Provincial Government recently announced the funding for the school with a scheduled opening fall of 2016

**PROFILE BACKGROUND**

The Ambleside School/Park Site was anticipated to be placed in the next capital budget cycle for base level development. The Provincial Government recently announced the funding for the school with an anticipated opening of fall of 2016.

**PROFILE JUSTIFICATION**

The announcement for the school development has created the need for accelerated development of the site to be in compliance of the Joint Use Agreement and have the recreational space in place for school programming.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could delay the detailed design until construction funding is secured however this could delay construction completion.

**COST BENEFITS**

Early design work may provide opportunity for early tendering and more competitive construction costs.

**KEY RISKS & MITIGATING STRATEGY**

Should construction funding not be secured in a timely manner, school board and community needs could potentially change and require amendments to the site programming and detailed design.

**RESOURCES**

This profile accounts for all internal and external services required to deliver the project with the exception of a planner resource from Urban Planning and Environment. All design work will be assigned to Community Services.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Ambleside School/Park site which is scheduled for school opening in the fall of 2016. The funding for the project is needed to meet legal obligations set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. This profile will provide the design of the basic recreational space needs for the community and school board athletic program. Substantial development has occurred in the Ambleside Neighbourhood and the development of this site will provide the recreational hub for the community. Full success for this project will be determined by the timely construction and sustainability of the park development, ensuring that we adhere to the Joint Use Agreement, and providing a well used park space that contributes to healthier lifestyles.

During 2014 SCBA, only design component of Ambleside School/Park Site development was requested and approved. This Change Request is to request \$1,988K additional funding for base level development of Ambleside School/Park Site including grade, level, seed, sports fixtures, trees, landscaping, utilities, parking, walkways, signage, etc, as defined by the Urban Parks Management Plan



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Ambleside School/Park Site Development****FUNDED**PROFILE NUMBER: **14-17-1071**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	1,012	976	-	-	-	-	-	-	-	-	1,988
	2014 Cap Carry Forward	-190	190	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	190	-	-	-	-	-	-	-	-	-	-	190
	Current Approved Budget	-	1,202	976	-	-	-	-	-	-	-	-	2,178
	Approved Funding Sources												
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	1,202	976	-	-	-	-	-	-	-	-	2,178
	Current Approved Funding Sources	-	1,202	976	-	-	-	-	-	-	-	-	2,178

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,202	976	-	-	-	-	-	-	-	-	2,178
	Requested Funding Source												
	Parkland Purchase Reserve	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	1,202	976	-	-	-	-	-	-	-	-	2,178
	Requested Funding Source	-	1,202	976	-	-	-	-	-	-	-	-	2,178

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,012	976	-	-	-	-	-	-	-	-	1,988
	Design	-	190	-	-	-	-	-	-	-	-	-	190
	Total	-	1,202	976	-	-	-	-	-	-	-	-	2,178

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WELLINGTON SCHOOL SITE PURCHASE**  
 PROFILE: **14-17-1072**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	4,180
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,180
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**PROFILE DESCRIPTION**

The Edmonton Public School Board declared the Wellington school site surplus to their needs in 2011. In 2012, Administration was authorized to negotiate the acquisition of the Wellington School site for the development of the future African Multicultural Centre, the relocation of the Calder library, and the retention of the sports fields.

**PROFILE BACKGROUND**

This profile will support the acquisition of the Wellington School site for the future African Multicultural Centre, relocation of the Calder library and retention of the sports fields.

**PROFILE JUSTIFICATION**

The school building is currently being leased to the for the Advancement of African Canadians in Alberta and the remaining open space is used by the community and sports groups in accordance with the Joint Use Agreement. Purchase of the Wellington School Site is required to ensure the continued use of stakeholders and to assemble land for the relocation of the Calder Library.

**STRATEGIC ALIGNMENT**

This initiative improve's Edmonton's livability and is representative of the Department's vision of being an active partner with citizens and communities, committed to creating a safe, healthy, and vibrant City.

**ALTERNATIVES CONSIDERED**

Alternatives: 1) The City doesn't purchase the Wellington School Site 2) The City researches other opportunities to meet stakeholder needs.

**COST BENEFITS**

This initiative will provide the City with an opportunity to purchases land in a developed state that meets the needs of the stakeholders. The tangible benefits are the land, sports fields, and a building for interim community use. The intangible benefits are improving Edmonton's livability, ensuring Edmontonians are socially connected and active in their communities.

**KEY RISKS & MITIGATING STRATEGY**

Key risks include: a) The inability to reach agreement on land price b) The Public School Board sells property to a private developer c) Costs escalate due to acquisition timing d) Edmonton Public Library decides the site is no longer suitable.

**RESOURCES**

All acquisitions will follow the City's Land Management Process regarding land values and appraisals.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile supports many initiatives of City departments in an effort to create a comprehensive and cohesive hub for the community, users groups, and new immigrants. Funding for the project is estimated at \$4,180,000.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Wellington School Site Purchase****FUNDED**PROFILE NUMBER: **14-17-1072**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	-4,180	4,180	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	4,180	-	-	-	-	-	-	-	-	-	-	4,180
	Current Approved Budget	-	4,180	-	-	-	-	-	-	-	-	-	4,180
	Approved Funding Sources												
	Parkland Purchase Reserve	-	2,890	-	-	-	-	-	-	-	-	-	2,890
	Pay-As-You-Go	-	1,290	-	-	-	-	-	-	-	-	-	1,290
	Current Approved Funding Sources	-	4,180	-	-	-	-	-	-	-	-	-	4,180

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,180	-	-	-	-	-	-	-	-	-	4,180
	Requested Funding Source												
	Parkland Purchase Reserve	-	2,890	-	-	-	-	-	-	-	-	-	2,890
	Pay-As-You-Go	-	1,290	-	-	-	-	-	-	-	-	-	1,290
	Requested Funding Source	-	4,180	-	-	-	-	-	-	-	-	-	4,180

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Land	-	4,180	-	-	-	-	-	-	-	-	-	4,180
	Total	-	4,180	-	-	-	-	-	-	-	-	-	4,180

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SOUTHEAST ASP DISTRICT ACTIVITY PARK DEVELOPMENT****FUNDED**PROFILE **15-17-1060**PROFILE STAGE: **Approved**DEPARTMENT: **Sustainable Development**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**PROFILE MANAGER: **Peter Ohm**

PROGRAM NAME:

LEAD BRANCH MANAGER: **Peter Ohm**LEAD BRANCH: **Urban Planning & Environment**ESTIMATED START: **January, 2016**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2018**Service Category: **Parks**

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**1,122**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**1,122****PROFILE DESCRIPTION**

This profile will complete the development of approximately 5.26 hectares of the 19 hectare District Park, in The Southeast ASP, to base level as defined by the Urban Parks Management Plan. The detailed design of this site is underway and the development will begin in the spring of 2016. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure the site is developed by that time. There will be an additional year of establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Southeast ASP District Activity Park site is currently being assembled and development funding was originally planned for 2019. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of a portion of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a public K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Walker neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary for the development of the Southeast ASP District Activity Park which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Southeast ASP District Activity Park Development****FUNDED**PROFILE NUMBER: **15-17-1060**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	884	217	22	-	-	-	-	-	-	1,122
	Current Approved Budget	-	-	884	217	22	-	-	-	-	-	-	1,122
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	884	217	22	-	-	-	-	-	-	1,122
	Current Approved Funding Sources	-	-	884	217	22	-	-	-	-	-	-	1,122

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	884	217	22	-	-	-	-	-	-	1,122
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	884	217	22	-	-	-	-	-	-	1,122
	Requested Funding Source	-	-	884	217	22	-	-	-	-	-	-	1,122

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	884	217	22	-	-	-	-	-	-	1,122
	Total	-	-	884	217	22	-	-	-	-	-	-	1,122

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>30</b>	<b>30</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DESROCHERS SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1073**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	1,294
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,294
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**PROFILE DESCRIPTION**

This profile will complete the detailed design and development of a 4.0 hectare School/Park Site, in Desrochers, to base level as defined by the Urban Parks Management Plan. The development of this site will occur over the next two years with all design, servicing, and earthworks being completed in 2015 and the development of the parking lot, turf establishment, tree planting, landscaping, sports fixtures and signage beginning in the spring of 2016. The school is anticipated to open in September of 2016 and the profile intent is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as irrigation, playgrounds, walkways, community hall, skating rinks, etc. The school building construction and supporting infrastructure are the responsibility of the Province.

**PROFILE BACKGROUND**

The Desrochers School/Park Site is currently being assembled and development funding was requested in an unfunded 2015-2018 Capital Budget profile. However, due to an announcement by the Province for the school opening in September 2016, an accelerated schedule for site development is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the recent announcement by the Province for construction of a school on this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with its full recreational program when the school opens in September 2016. Substantial residential development has occurred in the Heritage Valley area and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver its physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The detailed design, construction and project management costs are included within this profile. The planning and budget monitoring will require resources from Urban Parks and Environment which is part of the Branch's service delivery.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Desrochers School/Park site which is scheduled for school opening in September 2016. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):  
(2.1.4) To fund the design and development of the Desrochers Park Site developments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Desrochers School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1073**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget		-	-	-	-	-	-	-	-	-	-	-
	Original Budget Approved		-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council		-	388	882	24	-	-	-	-	-	-	1,294
	Current Approved Budget		-	388	882	24	-	-	-	-	-	-	1,294
	Approved Funding Sources		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		-	299	882	24	-	-	-	-	-	-	1,205
	Pay-As-You-Go		-	89	-	-	-	-	-	-	-	-	89
	Current Approved Funding Sources		-	388	882	24	-	-	-	-	-	-	1,294

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	388	882	24	-	-	-	-	-	-	-	1,294
	Requested Funding Source		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		-	299	882	24	-	-	-	-	-	-	1,205
	Pay-As-You-Go		-	89	-	-	-	-	-	-	-	-	89
	Requested Funding Source		-	388	882	24	-	-	-	-	-	-	1,294

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	299	882	24	-	-	-	-	-	-	-	1,205
	Design	-	89	-	-	-	-	-	-	-	-	-	89
	Total	-	388	882	24	-	-	-	-	-	-	-	1,294

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GRANVILLE SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1074**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,786</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,786</b>

**PROFILE DESCRIPTION**

This profile will complete the detailed design and development of an 8.7 hectare School/Park Site, in Granville, to base level as defined by the Urban Parks Management Plan. The development of this site will occur over the next two years with all design, servicing, and earthworks being completed in 2015 and the development of the parking lot, turf establishment, tree planting, landscaping, sports fixtures and signage beginning in the spring of 2016. The school is anticipated to open in January of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as irrigation, playgrounds, walkways, community hall, skating rinks, etc. The school building construction and supporting infrastructure are the responsibility of the Province.

**PROFILE BACKGROUND**

The Granville School/Park Site is currently being assembled and development funding was requested in an unfunded 2015-2018 Capital Budget profile. However, due to an announcement by the Province for the school opening in January 2017, an accelerated schedule for site development is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the recent announcement by the Province for construction of a school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in January 2017. Substantial residential development has occurred in the Granville neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The detailed design, construction and project management costs are included within this profile. The planning and budget monitoring will require resources from Urban Parks and Environment which is part of the Branch's service delivery.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Granville School/Park site which is scheduled for school opening in January 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):  
 (2.1.7) To fund the design and development of the Granville School/Park Site.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Granville School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1074**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	780	1,955	51	-	-	-	-	-	-	-	2,786
	Current Approved Budget	-	780	1,955	51	-	-	-	-	-	-	-	2,786
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	589	1,955	51	-	-	-	-	-	-	-	2,595
	Pay-As-You-Go	-	191	-	-	-	-	-	-	-	-	-	191
	Current Approved Funding Sources	-	780	1,955	51	-	-	-	-	-	-	-	2,786

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	780	1,955	51	-	-	-	-	-	-	-	2,786
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	589	1,955	51	-	-	-	-	-	-	-	2,595
	Pay-As-You-Go	-	191	-	-	-	-	-	-	-	-	-	191
	Requested Funding Source	-	780	1,955	51	-	-	-	-	-	-	-	2,786

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	589	1,955	51	-	-	-	-	-	-	-	2,595
	Design	-	191	-	-	-	-	-	-	-	-	-	191
	Total	-	780	1,955	51	-	-	-	-	-	-	-	2,786

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	56	56	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	56	56	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **THE ORCHARDS SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1075**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**PROFILE STAGE: **Approved**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Peter Ohm**LEAD BRANCH MANAGER: **Peter Ohm**ESTIMATED START: **January, 2015**ESTIMATED COMPLETION: **December, 2017**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,433</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,433</b>

**PROFILE DESCRIPTION**

This profile will complete the detailed design and development of a 7.6 hectare School/Park Site, in The Orchards At Ellerslie, to base level as defined by the Urban Parks Management Plan. The development of this site will occur over the next two years with all design, servicing, and earthworks being completed in 2015 and the development of the parking lot, turf establishment, tree planting, landscaping, sports fixtures and signage beginning in the spring of 2016. The school is anticipated to open in January of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as irrigation, playgrounds, walkways, community hall, skating rinks, etc. The school building construction and supporting infrastructure are the responsibility of the Province.

**PROFILE BACKGROUND**

The Orchards School/Park Site is currently being assembled and development funding was requested in an unfunded 2015-2018 Capital Budget profile. However, due to an announcement by the Province for the school opening in January 2017, an accelerated schedule for site development is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the recent announcement by the Province for construction of a school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in January 2017. Substantial residential development has occurred in The Orchards at Ellerslie neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The detailed design, construction and project management costs are included within this profile. The planning and budget monitoring will require resources from Urban Parks and Environment which is part of the Branch's service delivery.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Orchards School/Park site which is scheduled for school opening in January 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):  
 (2.1.5) To fund the design and development of The Orchards School/Park Site developments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **The Orchards School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1075**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget		-	-	-	-	-	-	-	-	-	-	-
	Original Budget Approved		-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council		687	1,702	44	-	-	-	-	-	-	-	2,433
	Current Approved Budget		687	1,702	44	-	-	-	-	-	-	-	2,433
	Approved Funding Sources		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		520	1,702	44	-	-	-	-	-	-	-	2,266
	Pay-As-You-Go		167	-	-	-	-	-	-	-	-	-	167
	Current Approved Funding Sources		687	1,702	44	-	-	-	-	-	-	-	2,433

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	687	1,702	44	-	-	-	-	-	-	-	2,433
	Requested Funding Source		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		520	1,702	44	-	-	-	-	-	-	-	2,266
	Pay-As-You-Go		167	-	-	-	-	-	-	-	-	-	167
	Requested Funding Source		687	1,702	44	-	-	-	-	-	-	-	2,433

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	520	1,702	44	-	-	-	-	-	-	-	2,266
	Design	-	167	-	-	-	-	-	-	-	-	-	167
	Total	-	687	1,702	44	-	-	-	-	-	-	-	2,433

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	48	48	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	48	48	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ALLARD SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1076**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2017**

<b>Service Category: Parks</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,526</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,526</b>

**PROFILE DESCRIPTION**

This profile will complete the detailed design and development of a 7.7 hectare School/Park Site, in Allard, to base level as defined by the Urban Parks Management Plan. The development of this site will occur over the next two years with all design, servicing, and earthworks being completed in 2015 and the completion of the parking lot, turf establishment, tree planting, landscaping, sports fixtures and signage beginning in the spring of 2016. The school is anticipated to open in January of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as irrigation, playgrounds, walkways, community hall, skating rinks, etc. The school building construction and supporting infrastructure are the responsibility of the Province.

**PROFILE BACKGROUND**

The Allard School/Park Site has been fully assembled and development funding was requested in an unfunded 2015-2018 Capital Budget profile. However, due to an announcement by the Province for the school opening in January 2017, an accelerated schedule for site development is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the recent announcement by the Province for construction of a public school on this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in January 2017. Substantial residential development has occurred in the Allard neighbourhood and the development of this site will provide a social and recreational hub for the community. The community league area within this site has undergone development through contributions from the developer and currently offers a gravel parking lot, outdoor skating rink, and temporary warming hut.

**STRATEGIC ALIGNMENT**

Development of this park site contributes to social, recreational, and environmental benefits for the community as well as fulfilling obligations set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration could continue to seek partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The detailed design, construction and project management costs are included within this profile. The planning and budget monitoring will require resources from Urban Parks and Environment which is part of the Branch's service delivery.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Allard School/Park site which is scheduled for school opening in January 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):  
 (2.1.6) To fund the design and development of the Allard School/Park Site developments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Allard School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1076**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget		-	-	-	-	-	-	-	-	-	-	-
	Original Budget Approved		-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council		712	1,769	45	-	-	-	-	-	-	-	2,526
	Current Approved Budget		712	1,769	45	-	-	-	-	-	-	-	2,526
	Approved Funding Sources		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		539	1,769	45	-	-	-	-	-	-	-	2,353
	Pay-As-You-Go		173	-	-	-	-	-	-	-	-	-	173
	Current Approved Funding Sources		712	1,769	45	-	-	-	-	-	-	-	2,526

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	712	1,769	45	-	-	-	-	-	-	-	2,526
	Requested Funding Source		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		539	1,769	45	-	-	-	-	-	-	-	2,353
	Pay-As-You-Go		173	-	-	-	-	-	-	-	-	-	173
	Requested Funding Source	-	712	1,769	45	-	-	-	-	-	-	-	2,526

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	539	1,769	45	-	-	-	-	-	-	-	2,353
	Design	-	173	-	-	-	-	-	-	-	-	-	173
	Total	-	712	1,769	45	-	-	-	-	-	-	-	2,526

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WALKER SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1080**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,619</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,619</b>

**PROFILE DESCRIPTION**

This profile will complete the park development of a 7 hectare School/Park Site, in Walker, to base level. The detailed design of this site is underway and the development will begin in the spring of 2016 and be completed September 2017. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking lot, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Walker School/ Park site has had the design, but not the construction funded in the spring 2015 SCBA. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a catholic K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Walker neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Walker School/Park site which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Walker School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1080**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Current Approved Budget	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Current Approved Funding Sources	-	-	1,266	321	32	-	-	-	-	-	-	1,619

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Requested Funding Source	-	-	1,266	321	32	-	-	-	-	-	-	1,619

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	1,266	321	32	-	-	-	-	-	-	1,619
	Total	-	-	1,266	321	32	-	-	-	-	-	-	1,619

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	41	41	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>41</b>	<b>41</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SECORD SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1082**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Om**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,419</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,419</b>

**PROFILE DESCRIPTION**

This profile will complete the park development of a 6.3 hectare School/Park Site, in Secord, to base level. The detailed design of this site is underway and the development will begin in the spring of 2016 and be completed September 2017. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking lot, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Secord School/ Park site has had the design, but not the construction funded in the spring 2015 SCBA. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a public K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Secord neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Secord School/Park site which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Secord School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1082**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Current Approved Budget	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Current Approved Funding Sources	-	-	1,112	279	28	-	-	-	-	-	-	1,419

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Requested Funding Source	-	-	1,112	279	28	-	-	-	-	-	-	1,419

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	1,112	279	28	-	-	-	-	-	-	1,419
	Total	-	-	1,112	279	28	-	-	-	-	-	-	1,419

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	37	37	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>37</b>	<b>37</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LAUREL SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1084**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>732</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>732</b>

**PROFILE DESCRIPTION**

This profile will complete the development of approximately 3.89 hectares of the 7.66 hectare School/Park Site, in Laurel, to base level. The detailed design of this site is underway and the development will begin in the spring of 2016 and be completed September 2017. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking lot, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Laurel School/ Park site has had the design, but not the construction funded in the spring 2015 SCBA. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a public K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Laurel neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Laurel School/Park site which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Laurel School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1084**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	583	135	14	-	-	-	-	-	-	732
	Current Approved Budget	-	-	583	135	14	-	-	-	-	-	-	732
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	583	135	14	-	-	-	-	-	-	732
	Current Approved Funding Sources	-	-	583	135	14	-	-	-	-	-	-	732

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	583	135	14	-	-	-	-	-	-	732
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	583	135	14	-	-	-	-	-	-	732
	Requested Funding Source	-	-	583	135	14	-	-	-	-	-	-	732

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	583	135	14	-	-	-	-	-	-	732
	Total	-	-	583	135	14	-	-	-	-	-	-	732

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: HUDSON SCHOOL/PARK SITE DEVELOPMENT  
 PROFILE: 15-17-1086  
 DEPARTMENT: Sustainable Development  
 BRANCH: Urban Planning & Environment  
 PROGRAM NAME:  
 LEAD BRANCH: Urban Planning & Environment  
 BUDGET CYCLE: 2015-2018 run for 2015

**FUNDED**

PROFILE STAGE: Approved  
 PROFILE TYPE: Standalone  
 PROFILE MANAGER: Peter Ohm  
 LEAD BRANCH MANAGER: Peter Ohm  
 ESTIMATED START: January, 2016  
 ESTIMATED COMPLETION: December, 2018

**Service Category:****Major Initiative:**

**GROWTH**  
100

**RENEWAL**

**PREVIOUSLY APPROVED:**

789

**BUDGET REQUEST:**

-

**TOTAL PROFILE BUDGET:**

789

**PROFILE DESCRIPTION**

This profile will complete the development of the remaining 2.3 hectares of the School/Park Site, in Hudson, to base level. The detailed design of this site is underway and the development will begin in the spring of 2016 and be completed September 2017. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking lot, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Hudson School/ Park site has had the design, but not the construction funded in the spring 2015 SCBA. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a public K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Hudson neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Hudson School/Park site which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Hudson School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1086**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	627	147	15	-	-	-	-	-	-	789
	Current Approved Budget	-	-	627	147	15	-	-	-	-	-	-	789
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	627	147	15	-	-	-	-	-	-	789
	Current Approved Funding Sources	-	-	627	147	15	-	-	-	-	-	-	789

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	627	147	15	-	-	-	-	-	-	789
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	627	147	15	-	-	-	-	-	-	789
	Requested Funding Source	-	-	627	147	15	-	-	-	-	-	-	789

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	-	627	147	15	-	-	-	-	-	-	789
	Total	-	-	627	147	15	-	-	-	-	-	-	789

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>19</b>	<b>19</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CHAPPELLE SCHOOL/PARK SITE DEVELOPMENT**  
 PROFILE: **15-17-1088**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,721</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,721</b>

**PROFILE DESCRIPTION**

This profile will complete the park development of a 7.4 hectare School/Park Site, in Chappelle, to base level. The detailed design of this site is underway and the development will begin in the spring of 2016 and be completed September 2017. The school is anticipated to open in September of 2017 and the intent of this profile is to ensure there is established turf for the opening. There will be an additional year of landscape establishment and warranty before the project is turned over to Community Services for ongoing maintenance. Items out of scope include elements such as parking lot, irrigation, playgrounds, walkways, community hall, skating rinks, etc. It is anticipated that the parking associated with the school construction will service the park needs until such time as a greater need is identified. All works within the school building envelope including the building, infrastructure, parking, and landscaping are the responsibility of the Province.

**PROFILE BACKGROUND**

The Chappelle School/ Park site has had the design, but not the construction funded in the spring 2015 SCBA. However, due to an announcement by the Province for the school opening in September 2017, an accelerated schedule for the development of the site is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards and is legally obligated by the Joint Use Agreement to do so. With the announcement by the Province for construction of a public K-9 school for this site, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide the basic recreational needs for the community and allow the school board to proceed with their full recreational program when the school opens in September 2017. Substantial residential development has occurred in the Chappelle neighbourhood and the development of this site will provide a social and recreational hub for the community.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could stage the site development to only include infrastructure and sportsfield development at this time in an effort to ensure the school is able to deliver their physical education program. Administration is actively seeking partnerships with the development industry in an effort to reduce the amount of capital investment needed.

**COST BENEFITS**

The project will result in tangible assets including sportsfields, trees, landscaping, site furnishings as well as intangible assets such as, social capital, healthier lifestyles, carbon sequestration, water retention, pollution removal, and urban heat reduction.

**KEY RISKS & MITIGATING STRATEGY**

There could be some variations in the cost for unknown factors such as soil amendments or site servicing. All earthworks and servicing will be completed first and any over-expenditures will be addressed with temporary delay of landscape elements.

**RESOURCES**

The project management, construction, and site establishment costs are included within this profile. Planning and budget monitoring will require resources that will be found within the corporation.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the Chappelle School/Park site which is scheduled for school opening in September 2017. The funding for the project is needed to meet legal obligations as set out in the Joint Use Agreement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Chappelle School/Park Site Development****FUNDED**PROFILE NUMBER: **15-17-1088**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Current Approved Budget	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Current Approved Funding Sources	-	-	1,345	343	34	-	-	-	-	-	-	1,721

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Requested Funding Source	-	-	1,345	343	34	-	-	-	-	-	-	1,721

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	1,345	343	34	-	-	-	-	-	-	1,721
	Total	-	-	1,345	343	34	-	-	-	-	-	-	1,721

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	46	46	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>46</b>	<b>46</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TOD STADIUM STATION PLAN STREET NETWORK**  
 PROFILE: **15-17-3117**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Urban Design and Area Planning**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Economic Development		Major Initiative:	Quarters
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,127</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,127</b>

**PROFILE DESCRIPTION**

This project will construct roads required to support transit oriented development at Stadium Station. It represents an induced market approach based on public/private partnership that leverages the access provided by a new "main street" connection and rail crossing between Jasper Avenue and Stadium Road to support higher density mixed-use development. A new main street will connect Jasper Avenue to Stadium Road, across the LRT tracks, and an additional road will parallel the LRT tracks.

**PROFILE BACKGROUND**

This project proposes new streets and pedestrian improvements that will transform the Stadium Station area into a walkable, vibrant, mixed-use transit-oriented community.

**PROFILE JUSTIFICATION**

This project will implement the Stadium Station ARP (to be approved by City Council, pending decision to confirm a development concept for City-owned ETS and Muttart lands) through an induced market approach. This is based on an anticipated public/private partnership that leverages the access provided by a new Main Street connection and rail crossing between Jasper Avenue and Stadium Road to support higher density mixed-use development and create a strong public realm.

**STRATEGIC ALIGNMENT**

This project is well aligned with the strategic goals of the City of Edmonton 'The Ways', TOD City Policy C565 and Guidelines, and Sustainable Development work program to implement transit oriented development planning.

**ALTERNATIVES CONSIDERED**

Alternatives: The only alternative contemplated at this point is the "Do Nothing" option.

**COST BENEFITS**

Land assembly, roadway, servicing and streetscaping costs are typical of providing a high quality pedestrian oriented main street and LRT crossing.

Benefits of this project include: new roadway network, enhanced streetscaping, increased property values, tax revenue, attraction of private sector investment, transit ridership and active modes of travel, community pride, improved sense of safety and security, and connection to the river valley.

**KEY RISKS & MITIGATING STRATEGY**

Roadway improvements are anticipated to impact local residences. Traffic control measures and effective communication with stakeholders will be required to mitigate short term congestion and associated impacts.

**RESOURCES**

Staff will implement this project by coordinating work with City departments, engaging key stakeholders, ensuring funds are well managed, policies adhered to, and public expectations addressed. Where required, external consultants may be necessary.

**CONCLUSIONS AND RECOMMENDATIONS**

Construction of a new main street and roadways will leverage investment and stimulate development around Stadium LRT station, improve pedestrian safety and accessibility, transit ridership, connection to existing recreation centre and river valley.

**CONTINGENCY OF APPROVAL**

December 11, 2014 - City Council Meeting

That Capital Profile TOD Stadium Station Plan Street Network #15-17-3117 be added and funded in the amount of \$14.127 million, with \$9.127 million funding from an increase in use of Pay-As-You-Go and \$5 million funding from the Quarters Phase 2 Community Revitalization Levy, with the expenditure of funds being subject to a report with an update on projects for the Quarters, Phase 2 and on the availability of cash flow from the Quarters Phase 2 Community Revitalization Levy.

Contingency met: dd/mm/yyyy



# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **TOD Stadium Station Plan Street Network****FUNDED**PROFILE NUMBER: **15-17-3117**PROFILE TYPE: **Standalone**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127
	Current Approved Budget	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127
	Approved Funding Sources												
	Debt CRL Quarters	-	-	1,000	1,000	3,000	-	-	-	-	-	-	5,000
	Pay-As-You-Go	-	-	2,143	5,034	1,950	-	-	-	-	-	-	9,127
	Current Approved Funding Sources	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127
	Requested Funding Source												
	Debt CRL Quarters	-	-	1,000	1,000	3,000	-	-	-	-	-	-	5,000
	Pay-As-You-Go	-	-	2,143	5,034	1,950	-	-	-	-	-	-	9,127
	Requested Funding Source	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	1,393	1,927	-	-	-	-	-	-	-	3,320
	Land	-	-	1,750	560	-	-	-	-	-	-	-	2,310
	Land Improvements	-	-	-	3,547	4,950	-	-	-	-	-	-	8,497
	Total	-	-	3,143	6,034	4,950	-	-	-	-	-	-	14,127

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RIVER VALLEY LAND ACQUISITION**  
 PROFILE: **CM-17-1001**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	10,500
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,500
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**PROFILE DESCRIPTION**

This profile funds the acquisition of remaining private properties within the boundary of the North Saskatchewan River Valley and Ravine system. The City is under obligation to respond to property offers as the Way We Grow policy directs public acquisition of the remaining properties.

**PROFILE BACKGROUND**

Since early 1900's the City has placed special emphasis on its river valley system and is deeply involved in planning, acquisition, development, and system management. Approximately seventy-five private properties remain to be acquired by the City.

**PROFILE JUSTIFICATION**

The North Saskatchewan River Valley is the largest regional park in the City, often mentioned as its best feature. The Way We Grow directs Administration to act proactively to acquire land in the River Valley for park purposes and natural area protection.

**STRATEGIC ALIGNMENT**

The Way We Grow directs administration to proactively ensure that ecological land in the River Valley system is acquired for park purposes and natural area protection.

**ALTERNATIVES CONSIDERED**

The provision of public access rights-of-way does not relieve the City of its obligation to own all river valley land. RVA funding through Federal/Provincial grants will be sought and may be available during the budget period.

**COST BENEFITS**

Acquisition of public space. Added operational costs for maintenance including trail maintenance and forestry. Tangible benefits include title to the land with existing landscaping and continued greenspace benefits of carbon sequestration, water retention, landscape shading etc. Intangible benefits include the potential for recreation and greenspace programming by partners and the City. Social focal point encouraging civic pride/participation.

**KEY RISKS & MITIGATING STRATEGY**

Risks include a need to negotiate with multiple land owners concurrently, not knowing if we will be successful with some, or any. A mitigating strategy is the use of expropriation, although seldom used. RVA funding has not been assigned to the City.

**RESOURCES**

Acquisition budget could include site design, zoning and other property transactions, or demolition if required. Acquisition is through Corporate Properties, and requires Planner resources from Urban Planning and Environment.

**CONCLUSIONS AND RECOMMENDATIONS**

Acquisition remains a high priority and we continue to negotiate. Recommendation: Continue responding to all offers and to approach owners where land is required for capital development.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **River Valley Land Acquisition****FUNDED**PROFILE NUMBER: **CM-17-1001**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	2,750	2,750	-	-	-	-	-	-	-	-	5,500
	2015 Cap Council	-	-	-	2,500	2,500	-	-	-	-	-	-	5,000
	Current Approved Budget	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500
	Approved Funding Sources												
	Parkland Purchase Reserve	-	2,500	2,500	2,500	2,500	-	-	-	-	-	-	10,000
	Partnership Funding	-	250	250	-	-	-	-	-	-	-	-	500
	Current Approved Funding Sources	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500
	Requested Funding Source												
	Parkland Purchase Reserve	-	2,500	2,500	2,500	2,500	-	-	-	-	-	-	10,000
	Partnership Funding	-	250	250	-	-	-	-	-	-	-	-	500
	Requested Funding Source	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500
	Total	-	2,750	2,750	2,500	2,500	-	-	-	-	-	-	10,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	2	2	-	-	2	2	-	-	1	1	-	-	1	1	-
<b>Total Operating Impact</b>	-	2	2	-	-	2	2	-	-	1	1	-	-	1	1	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SUBURBAN SCHOOL AND PARK LAND ACQUISITION**  
 PROFILE: **CM-17-1004**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	15,966
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	15,966
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**PROFILE DESCRIPTION**

This profile is for the acquisition of land for suburban school and park use in concert with the subdivision process, for lands not acquired through municipal reserve (i.e., compensation for a parkland over-dedication). Acquisition timing is developer-driven through the subdivision process and should allow for school construction and neighbourhood partnering opportunities. Analysis of development patterns identifies the potential need to purchase park space in Albany, Eaux Claires, Edgemont, Heritage Valley Towne Centre, Hollick Kenyon, Hudson, Matson, McConachie, Rapperswill, Rosenthal, Starling, Secord, and The Meadows Neighbourhood 5. As development patterns change, administration requires the ability to respond to subdivisions and land purchase needs that could potentially change.

**PROFILE BACKGROUND**

Acquires land for suburban school and park use in concert with the subdivision process for lands beyond the municipal reserve dedication level (i.e., parkland over-dedication). Acquisition timing is developer-driven.

**PROFILE JUSTIFICATION**

The City has a policy directive to acquire school and park sites, and a contractual obligation to assemble school sites and provide community league sites. These sites form the basis of public open space in new suburban neighbourhoods.

**STRATEGIC ALIGNMENT**

Provides school/park land and form part of the primary neighbourhood open space. The Way We Grow requires public infrastructure and services for livability, while timing park development with the development it intends to serve.

**ALTERNATIVES CONSIDERED**

Consideration could be given to acquire less land for suburban park/school needs in order to reduce the amount of the over-dedication owing to the developer. However, this would require negotiation with school partners and Community Services.

**COST BENEFITS**

This initiative will provide the City with an opportunity to purchase land for public space, with continued operational costs for maintenance. Tangible benefits include title to the land with existing landscaping and greenspace benefits of water retention, landscape shading, carbon advantages. Intangible benefits include the potential for Department and community league development, programming, social development, civic pride/participation.

**KEY RISKS & MITIGATING STRATEGY**

Inflation results in higher land acquisition costs for the City due to urbanization. Early land acquisition will result in cost savings. The City could negotiate acquiring less land, but would require support from schools and Community Services.

**RESOURCES**

This is an acquisition requirement. Acquisition is through Corporate Properties and requires planner time from Urban Planning and Environment.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile supports land acquisition for suburban school/park development, specifically for lands not available through MR dedication. Recommendation is for full funding required to meet subsequent school/community recreational/development needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Suburban School and Park Land Acquisition****FUNDED**PROFILE NUMBER: **CM-17-1004**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Current Approved Budget	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Approved Funding Sources												
	Funds-in-Lieu Reserve	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Current Approved Funding Sources	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Requested Funding Source												
	Funds-in-Lieu Reserve	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Requested Funding Source	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966
	Total	-	3,771	3,914	4,063	4,217	-	-	-	-	-	-	15,966

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	4	4	-	-	4	4	-	-	4	4	-	-	4	4	-
<b>Total Operating Impact</b>	-	4	4	-	-	4	4	-	-	4	4	-	-	4	4	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SHARED PARK DEVELOPMENT PROGRAM**  
 PROFILE: **CM-17-1010**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category: Parks		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,257</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,257</b>

**PROFILE DESCRIPTION**

This profile funds park development to a base level standard and provides some enhanced level amenities through a cost shared program with developer participation. The base level development includes utilities, grade, level, seed, landscaping etc. and the enhanced amenities consist of elements such as playgrounds and spray parks. This is a voluntary program and this profile will enable administration the ability to enter into park development partnerships. Administration as been proceeding with a pilot program that has seen 12 parks site partnerships enter the program and will have a potential cost saving to the City and community of \$13M, once the developments are completed.

**PROFILE BACKGROUND**

This profile funds base level park and school site development through a cost-shared program with developers. Includes grade, level, seed, utilities, landscaping etc. Shared/enhanced park development can occur upon the base level development.

**PROFILE JUSTIFICATION**

Open space/school site development must respond to school and community recreational needs in a timely fashion. Neighbourhood sites must be ready to receive further shared/enhanced park development and compliance with the Joint Use Agreement (JUA) regarding school site and sportsfield needs.

**STRATEGIC ALIGNMENT**

Construction of school/park sites in new neighbourhoods fulfills The Ways, including plan/design/acquire/operate according to Urban Parks Management Plan and JUA, explore new ways of funding, while timing construction closely with development.

**ALTERNATIVES CONSIDERED**

Without developer contributions as part of a cost shared program, open space development is entirely funded by the City. Alternatively, request Provincial funding as part of education programming space or full funding from developers.

**COST BENEFITS**

Tangible benefits include property title and added greenspace benefits including carbon sequestration, water retention, pollution removal and urban heat reduction. Fewer in-house resources will be required for construction. Intangible benefits include the ability to build capital in the community, become more physically active to reduce stress, lose weight, etc. Costs include added operational responsibility for landscaping maintenance.

**KEY RISKS & MITIGATING STRATEGY**

Non-residential construction index may not be adequate for park construction needs. No site testing until after approval of design/construction budgets, with potentially greater costs. Cost sharing will be subject to negotiation.

**RESOURCES**

This is a construction requirement that is typically undertaken in-house or by tender. Requires planner time from Urban Planning and Environment. If there are acquisition costs, they are under profile CM-17-1004.

**CONCLUSIONS AND RECOMMENDATIONS**

Development will provide a base level of neighbourhood public service and ready sites for community and educational use. Recommendation is for full funding required to meet subsequent school/community recreational and educational development needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Shared Park Development Program****FUNDED**PROFILE NUMBER: **CM-17-1010**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Current Approved Budget	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Approved Funding Sources												
	Pay-As-You-Go	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Current Approved Funding Sources	-	312	636	864	1,444	-	-	-	-	-	-	3,257

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Requested Funding Source												
	Pay-As-You-Go	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Requested Funding Source	-	312	636	864	1,444	-	-	-	-	-	-	3,257

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	312	636	864	1,444	-	-	-	-	-	-	3,257
	Total	-	312	636	864	1,444	-	-	-	-	-	-	3,257

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	136	136	-	-	134	134	-	-	135	135	-	-	137	137	-
<b>Total Operating Impact</b>	-	<b>136</b>	<b>136</b>	-	-	<b>134</b>	<b>134</b>	-	-	<b>135</b>	<b>135</b>	-	-	<b>137</b>	<b>137</b>	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **MATURE AREA LAND ACQUISITION**  
 PROFILE: **CM-17-1020**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Composite
PROFILE MANAGER:	Peter Ohm
LEAD BRANCH MANAGER:	Peter Ohm
ESTIMATED START:	January, 2016
ESTIMATED COMPLETION:	December, 2018

**Service Category:****Major Initiative:**

<b>GROWTH</b>	<b>RENEWAL</b>
<b>100</b>	

<b>PREVIOUSLY APPROVED:</b>	<b>1,500</b>
<b>BUDGET REQUEST:</b>	<b>-</b>
<b>TOTAL PROFILE BUDGET:</b>	<b>1,500</b>

**PROFILE DESCRIPTION**

This profile identifies funding for land acquisition in mature areas not funded by CRLs, focusing on existing commitments (i.e. plans where specific properties have been identified for acquisition) in mature neighbourhood level plans, including: Central McDougall/Queen Mary Park ARP, McKernan Belgravia Station ARP and the Riverdale ARP. Should an opportunity arise to fulfill existing commitments in other mature area plans or to acquire unique opportunity sites (e.g. surplus non-reserve school sites), Administration will re-evaluate and prioritize commitments based on available funding. The Parkland Purchase Reserve account has been identified as a funding source, in an effort to provide a bridge financing source until the Funds In Lieu of Reserves account is able to sustain repayment based on revenues generated through development of the associated mature areas.

**PROFILE BACKGROUND**

This profile funds land purchase to address existing commitments identified in the following mature area neighbourhood level plans: Central McDougall/Queen Mary Park Area Redevelopment Plan (ARP), McKernan Belgravia Station ARP and the Riverdale ARP, as well as unique or unanticipated opportunity purchases that may arise during the 2015-2018 capital budget cycle. These plans have identified open space shortages and recommended specific sites for acquisition. Acquisition of public land is not often achievable through reserve dedication due to a lack of subdivision in mature areas. Land purchases to create parks at new locations or to expand existing parks for active and passive recreation are opportunity driven.

**PROFILE JUSTIFICATION**

Implement recommendations for new parks in mature areas. Budget needed to start negotiations. Acquisition is opportunity based. Where identified, further land acquisition is needed to meet or maintain parkland provision levels.

**STRATEGIC ALIGNMENT**

This profile aligns to the corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

There are no alternatives that produce similar outcomes. Delay of acquisition is possible, but many of these neighbourhoods have already experienced delays leading to escalating land costs.

**COST BENEFITS**

Tangible benefits include acquisition of public space through title to the land, existing landscaping and green space benefits of water retention, landscape shading, and carbon sequestration. Intangible benefits include the potential for department and community league development and programming, social focal point encouraging civic pride/participation; and potential for green space connectivity in the future.

**KEY RISKS & MITIGATING STRATEGY**

Key risks include failed negotiations resulting in unmet open space needs despite budget approval. A mitigating strategy is to purchase less land overall.

**RESOURCES**

The Parkland Purchase Reserve account has been identified as a bridge funding source until the Funds In Lieu of Reserves account is able to sustain repayment based of revenues generated through development of associated mature areas.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile funds park land acquisition in mature areas to address open space shortages that have been identified through the planning process. Recommend full funding of land acquisition in mature areas.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Mature Area Land Acquisition****FUNDED**PROFILE NUMBER: **CM-17-1020**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Current Approved Budget	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Approved Funding Sources												
	Parkland Purchase Reserve	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Current Approved Funding Sources	-	-	1,500	-	-	-	-	-	-	-	-	1,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Requested Funding Source												
	Parkland Purchase Reserve	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Requested Funding Source	-	-	1,500	-	-	-	-	-	-	-	-	1,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-	-	1,500	-	-	-	-	-	-	-	-	1,500
	Total	-	-	1,500	-	-	-	-	-	-	-	-	1,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Neighbourhoods	-	1	1	-	-	1	1	-	-	1	1	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>2</b>	<b>2</b>	-	-	<b>2</b>	<b>2</b>	-	-	<b>2</b>	<b>2</b>	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DISTRICT PARK LAND ACQUISITION (NEW ASPS)**  
 PROFILE: **CM-17-1022**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Peter Ohm**  
 LEAD BRANCH MANAGER: **Peter Ohm**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category:		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,000</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,000</b>

**PROFILE DESCRIPTION**

This profile funds the acquisition of land for District Activity Parks in concert with the subdivision process and approved suburban growth. This represents the initial phase of district park development which accommodates amenities to serve the district. Acquisition timing should allow for school and facility development and encouraging partnering opportunities. The profile identifies funding from the Parkland Purchase account, in an effort to provide a bridge financing source until the Funds In Lieu account is able to sustain repayment based on revenues generated through development of the associated districts.

**PROFILE BACKGROUND**

Acquires land for district activity parks use in concert with the subdivision process. Acquisition timing should allow for school and facility development and encouraging partnering opportunities.

**PROFILE JUSTIFICATION**

Acquisition of land to support district park base level development is necessary to advance the construction of identified school and major recreational facility. This profile fulfills City obligations and compliance with the Joint Use Agreement by acquiring land identified for school construction, field development and major recreational facilities, in a timely manner.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

Consideration could be given to acquire less parkland, but this reduces district facility and field space below standards set out in the Urban Parks Management Plan. Acquiring less school land would require negotiation with school boards and the Province.

**COST BENEFITS**

This profile will provide Administration with the authority to negotiate land acquisitions required for district parks efficiently during the subdivision process and/or the pre-purchase of land on an opportunity basis. The bridge financing will enable administration to manage the municipal reserves in an efficient manner.

**KEY RISKS & MITIGATING STRATEGY**

Risks include escalating land values due to timing and inflation costs. Authorizing Administration to negotiate and purchase land identified in approved structure plans will accelerate land negotiations and reduce risks of escalating land values.

**RESOURCES**

Requires staff resources from Corporate Properties and Urban Planning and Environment for land acquisitions. The Parkland Purchase Reserve account provides bridge financing until the Funds In Lieu of Reserves account is able to sustain repayment.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile supports land acquisition for District Activity Parks that will not be dedicated through the subdivision process. Recommendation is for full funding required to meet the land acquisition needs for school and community development.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **District Park Land Acquisition (New ASPs)****FUNDED**PROFILE NUMBER: **CM-17-1022**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Current Approved Budget	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Approved Funding Sources												
	Parkland Purchase Reserve	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Current Approved Funding Sources	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Requested Funding Source												
	Parkland Purchase Reserve	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Requested Funding Source	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000
	Total	-	-	2,000	2,000	-	-	-	-	-	-	-	4,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	2	2	-	-	2	2	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **DISTRICT PARK LAND ACQUISITION (FMP REPAYMENT)****FUNDED**PROFILE **CM-17-1024**PROFILE STAGE: **Approved**DEPARTMENT: **Sustainable Development**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**PROFILE MANAGER: **Peter Ohm**

PROGRAM NAME:

LEAD BRANCH MANAGER: **Peter Ohm**LEAD BRANCH: **Urban Planning & Environment**ESTIMATED START: **January, 2016**BUDGET CYCLE: **2015-2018 run for 2015**ESTIMATED COMPLETION: **December, 2018**

Service Category:

Major Initiative:

**GROWTH****RENEWAL****100**

PREVIOUSLY APPROVED:

**3,000**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**3,000****PROFILE DESCRIPTION**

This profile funds the repayment to Corporate Properties for District Activity Parks acquired in 2010/2011 for Windermere and Heritage Valley through the Future Municipal Purposes (FMP) strategy. This profile commits some reserve funding for FMP repayment while ensuring the reserve accounts are not over extended.

**PROFILE BACKGROUND**

This profile funds the repayment towards District Activity Parks acquired in 2010/2011 for Windermere and Heritage Valley for future municipal purposes (FMP).

**PROFILE JUSTIFICATION**

These sites form the basis of public district open space in new suburban structure plans. Budget approval is required to authorize repayment of the FMP account.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcomes "the City of Edmonton has sustainable and accessible infrastructure" and "Edmontonians are connected to the city in which they live, work and play" by fulfilling school and community recreation needs.

**ALTERNATIVES CONSIDERED**

There are no alternatives that provide the same outcome. The lands required for district level park requirements have been purchased using corporate resources and must be reimbursed.

**COST BENEFITS**

Acquisition of public space and compliance with the Joint Use Agreement. Tangible benefits include title to the land with existing landscaping and greenspace benefits of water retention, landscape shading, carbon advantages and recreational programming. Intangible benefits include civic pride/participation.

**KEY RISKS & MITIGATING STRATEGY**

As inflationary pressure on land values increases and area structure plans build out, a business case for early purchase was approved by Council in 2010/2011 and land was acquired at that time.

**RESOURCES**

This is a required repayment for land acquisitions through Corporate Properties. Requires planner time from Urban Planning and Environment and accounting time for administration. Funding is provided from the Funds In Lieu of Reserves account.

**CONCLUSIONS AND RECOMMENDATIONS**

District Activity Parks for high schools, recreation facilities and field use are the formal mechanism providing public infrastructure to a population of approximately 80,000. Recommend systematic repayment as reserve cash flows allow.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **District Park Land Acquisition (FMP Repayment)****FUNDED**PROFILE NUMBER: **CM-17-1024**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Current Approved Budget	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Approved Funding Sources												
	Funds-in-Lieu Reserve	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Current Approved Funding Sources	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Requested Funding Source												
	Funds-in-Lieu Reserve	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Requested Funding Source	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000
	Total	-	-	1,000	1,000	1,000	-	-	-	-	-	-	3,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NATURAL AREAS ACQUISITION**  
 PROFILE: **CM-17-3001**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME: **Parks Planning and Biodiversity**  
 LEAD BRANCH: **Urban Planning & Environment**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Peter Ohm
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LEAD BRANCH MANAGER:	Peter Ohm
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Parks
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	6,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,000
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**PROFILE DESCRIPTION**

This profile funds the purchase of table land natural areas that are not acquired through either Environmental Reserve (ER) dedication or Municipal Reserve (MR) dedication, in the Rural SE Area Structure Plan (ASP), which is currently under review. Lands for purchase will be prioritized as identified in natural area studies, in order to achieve the maximum results to preserve natural heritage and connectivity.

**PROFILE BACKGROUND**

Increasingly, there is a broad understanding of the important role that natural areas play in supporting the urban environment. This profile funds the purchase of table land natural areas not acquired through Environmental Reserve (ER) or Municipal Reserve (MR) dedication. Lands will be prioritized as identified in natural area studies and will focus on the Rural Southeast Area Structure Plan (ASP), which is currently under review.

**PROFILE JUSTIFICATION**

Natural areas purchase is opportunity-driven and must be able to respond in a timely manner. Opportunities to purchase natural areas can occur either in advance of subdivision review or as subdivision occurs. Natural areas will become more resilient when preserved using a systems approach, where connectivity is maintained following development and urbanization of adjacent neighbourhoods. The identification and strategic purchase of natural areas can supplement the acquisition of environmental reserve (ER) and municipal reserve (MR) lands ahead of, or concurrent with, the subdivision of land. This profile protects and supports the preservation of natural heritage systems and supports legacy building for future generations of citizens. It also adds to the range of urban recreational, social and cultural history experiences for present and future generations.

**STRATEGIC ALIGNMENT**

Preserves and sustains our natural heritage, improves livability, and transforms the urban form to provide healthier outcomes. The Way We Grow requires to link parks and open spaces with natural systems; The Way We Green promotes nature be retained.

**ALTERNATIVES CONSIDERED**

Secured natural areas with adequate buffers are the goal. Municipal reserve land and ER is used as much as possible. Alternative (not preferred) is partial natural or buffer area purchase. Without funding, natural areas will be lost to development.

**COST BENEFITS**

Benefits include property title, water sequestration, landscape amenities, shading, carbon advantages, and greenspace connections. Intangible benefits include the potential for department and community development, programming. Social focal point encourages civic pride/participation through passive recreation opportunities and nature observation. Operational costs for edge management activities include litter and hazardous tree removal.

**KEY RISKS & MITIGATING STRATEGY**

Associated uncertainty of land negotiations, leading to partially secured or fewer natural areas secured. Increases possibility that City will buy fewer natural areas, despite expressed needs and availability of funding.

**RESOURCES**

This is an acquisition requirement, and is through Corporate Properties requiring planner time from Urban Planning and Environment. Acquisitions are requested to be funded through the balance in Natural Areas Reserve.

**CONCLUSIONS AND RECOMMENDATIONS**

Natural areas are a necessary part of our open space system and a natural heritage legacy. Recommend full funding of natural area acquisition. If only partial funding is approved, acquisition should focus on priority areas.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Natural Areas Acquisition****FUNDED**PROFILE NUMBER: **CM-17-3001**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Current Approved Budget	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Approved Funding Sources												
	Natural Area Reserve	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Current Approved Funding Sources	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Requested Funding Source												
	Natural Area Reserve	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Requested Funding Source	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Land	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000
	Total	-	2,500	2,000	1,500	-	-	-	-	-	-	-	6,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel, Transfer to Reserves

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Neighbourhoods	-	7	7	-	-	7	7	-	-	-	-	-	-	-	-	-
Urban Planning & Environment	-	150	150	-	-	150	150	-	-	150	150	-	-	150	150	-
<b>Total Operating Impact</b>	-	<b>157</b>	<b>157</b>	-	-	<b>157</b>	<b>157</b>	-	-	<b>150</b>	<b>150</b>	-	-	<b>150</b>	<b>150</b>	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SCHOOL PARK SITE DETAILED DESIGN**  
 PROFILE: **CM-17-3132**  
 DEPARTMENT: **Sustainable Development**  
 BRANCH: **Urban Planning & Environment**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:

LEAD BRANCH MANAGER:

ESTIMATED START: **January, 2015**ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Parks</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,152</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,152</b>

**PROFILE DESCRIPTION**

This profile will complete the detailed design of five School/Park Sites in Chappelle, Hudson, Laurel, Secord, Walker, and one District Activity Park in the Southeast ASP. The profile identifies an initial capital investment cost of \$1.15 million for detailed design and a preliminary estimate of an additional \$14.35 million future development investment for the completion of base level development on these sites as outlined in the Urban Parks Management Plan. The Province has announced construction of schools on these sites with an anticipated opening date of September, 2017.

**PROFILE BACKGROUND**

The School Park Site Detailed Design profile is intended to advance the design and construction package for six school/park sites that recently received funding from the Province for school construction. The six schools are intended to open in the Fall of 2017 and accelerated site design is required.

**PROFILE JUSTIFICATION**

The City is responsible to provide the basic recreational needs for the community and school boards, and is legally obligated by the Joint Use Agreement to do so. With the recent announcement by the Province for construction of six school sites to open in September, 2017, the urgency for park development has increased to ensure the City is compliant with the Joint Use Agreement. This profile will provide Administration the ability to move forward with the detailed design of the six sites and ensure they are development ready in the future.

**STRATEGIC ALIGNMENT**

Development of these park sites will contribute to social, recreational, and environmental benefits for the communities as well as fulfilling obligations as set out in the Joint Use Agreement.

**ALTERNATIVES CONSIDERED**

Park site development is currently the City's responsibility. Alternatively, the City could delay the detailed design until construction funding is secured however this could delay construction completion and jeopardize Administration's ability to complete the site development prior to the school opening.

**COST BENEFITS**

Early design work may provide an opportunity for early tendering and more competitive construction costs.

**KEY RISKS & MITIGATING STRATEGY**

Should construction funding not be secured in a timely manner, school board and community needs could potentially change and require amendments to the site programming and detailed design.

**RESOURCES**

This profile accounts for all internal and external services required to deliver the project with the exception of a planner resource from Urban Planning and Environment.

**CONCLUSIONS AND RECOMMENDATIONS**

This profile is necessary to advance the development of the School/Park sites which are scheduled for school opening in the Fall of 2017. The funding for the project is required to meet legal obligations as set out in the Joint Use Agreement.

**CHANGES TO APPROVED PROFILE**

2015 Spring SCBA (CA#20):

To fund the composite profile CM-17-3132 which entails the detailed design of 6 other school park sites. Chappelle school, Hudson school, Laurel school, Secord school, Walker school, and Walker District.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **School Park Site Detailed Design****FUNDED**PROFILE NUMBER: **CM-17-3132**PROFILE TYPE: **Composite**BRANCH: **Urban Planning & Environment**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Current Approved Budget	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Approved Funding Sources												
	Pay-As-You-Go	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Current Approved Funding Sources	-	1,152	-	-	-	-	-	-	-	-	-	1,152

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Requested Funding Source												
	Pay-As-You-Go	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Requested Funding Source	-	1,152	-	-	-	-	-	-	-	-	-	1,152

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Design	-	1,152	-	-	-	-	-	-	-	-	-	1,152
	Total	-	1,152	-	-	-	-	-	-	-	-	-	1,152

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT PRIORITY CORRIDORS**  
 PROFILE: **05-66-1665**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2005**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>57,822</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>57,822</b>

**PROFILE DESCRIPTION**

The project proposes capital and operational improvements to selected roadways to improve the on-road operations and reliability of ETS bus operations. Funding allocated to this project provides for the installation of new traffic control devices, modifications to traffic signal hardware and signal phases, and implementation of signal priority for buses in major corridors.

Other improvements, including construction of new bus lanes or other geometric improvements (including land acquisition costs) are unfunded (refer to Project 12-66-1765).

**PROFILE JUSTIFICATION**

These improvements are required to improve unreliable bus travel times and improve overall service reliability. Buses arriving early and late create a less efficient and effective transit system and present less incentive for patrons to use the system.

This project supports the following Strategic Goals:

- \* The Way We Move - Shift Edmonton's Transportation Mode

Citizens use public transit and active modes

The transportation system is integrated, safe and gives citizens many choices for their mode of movement

Operating Impacts:

Many of the benefits cannot be quantified, like potential cost avoidance due to reduction in delays. In addition, some of these measures (eg. bus activated signals) address on-road safety issues. The operating costs for maintaining the new traffic signals is relatively small.

**CHANGES TO APPROVED PROFILE**

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: Transit Priority Corridors

FUNDED

PROFILE NUMBER: 05-66-1665

PROFILE TYPE: Standalone

BRANCH: Edmonton Transit

BUDGET CYCLE 2015-2018 run for 2015

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	85,894	-	-	-	-	-	-	-	-	-	-	85,894
	2005 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2006 CBS Budget Adjustment	-5,300	-	-	-	-	-	-	-	-	-	-	-5,300
	2007 CBS Budget Adjustment	-19,004	-	-	-	-	-	-	-	-	-	-	-19,004
	2008 CBS Budget Adjustment	6,990	-	-	-	-	-	-	-	-	-	-	6,990
	2009 CBS Budget Adjustment	877	-	-	-	-	-	-	-	-	-	-	877
	2010 CBS Budget Adjustment	7,382	-	-	-	-	-	-	-	-	-	-	7,382
	2011 CBS Budget Adjustment	-11,282	-	-	-	-	-	-	-	-	-	-	-11,282
	2012 CBS Budget Adjustment	-14,261	-	-	-	-	-	-	-	-	-	-	-14,261
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	9,088	-	-	-	-	-	-	-	-	-	-	9,088
	2014 Cap Carry Forward	-3,249	3,249	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-2,562	-	-	-	-	-	-	-	-	-	-	-2,562
	Current Approved Budget	54,573	3,249	-	-	-	-	-	-	-	-	-	57,822
APPROVED BUDGET	Approved Funding Sources												
	AMIP	35,360	-	-	-	-	-	-	-	-	-	-	35,360
	Fuel Rebate	8,270	-1,148	-	-	-	-	-	-	-	-	-	7,122
	Munc Sustain. Initiative - MSI	7,416	2,692	-	-	-	-	-	-	-	-	-	10,108
	Pay-As-You-Go	3,528	1,704	-	-	-	-	-	-	-	-	-	5,232
	Current Approved Funding Sources	54,573	3,249	-	-	-	-	-	-	-	-	-	57,822

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	54,573	3,249	-	-	-	-	-	-	-	-	-	57,822
	Requested Funding Source												
	AMIP	35,360	-	-	-	-	-	-	-	-	-	-	35,360
	Fuel Rebate	8,270	-1,148	-	-	-	-	-	-	-	-	-	7,122
	Munc Sustain. Initiative - MSI	7,416	2,692	-	-	-	-	-	-	-	-	-	10,108
	Pay-As-You-Go	3,528	1,704	-	-	-	-	-	-	-	-	-	5,232
	Requested Funding Source	54,573	3,249	-	-	-	-	-	-	-	-	-	57,822

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,511	3,249	-	-	-	-	-	-	-	-	-	-2,262
	Other Costs	60,084	-	-	-	-	-	-	-	-	-	-	60,084
	Total	54,573	3,249	-	-	-	-	-	-	-	-	-	57,822

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SLRT (FEDERAL FUEL TAX REBATE)**  
 PROFILE: **05-66-1671**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Wayne Mandryk**  
 LEAD BRANCH MANAGER: **Wayne Mandryk**  
 ESTIMATED START: **January, 2005**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>684,558</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>684,558</b>

**PROFILE DESCRIPTION**

This project provides funding to complete detailed design and construction from Health Sciences to South Campus (Phase 1B) and funding to complete preliminary/detailed design, land acquisition and construction from South Campus to Heritage (Phase 2). Included in this project is the purchase of 26 vehicles and expansion of the DLM Garage.

The schedule is as follows:

2008 Completion to South Campus Station with service commencing April, 2009  
 2009 Completion to Southgate Station with service commencing April, 2010  
 2009 Completion to Heritage Station with service commencing April, 2010  
 2008/09 Vehicle delivery (spread over two years)

Operational cost impacts for the LRT extension are partly offset by corresponding cost reductions in Bus Operations and increased revenue.

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures and assets in facilities and along the right of way will have design life ranging from 10 to 50 years. Design life for the Light Rail Vehicles is 35 years.

Debenture borrowing will be staged over several years during construction. Debentures will have a term of 20 years and mature in 2026-2029.

2012 Spring SBA:

#33: ISF funding no longer available as approve work under the grant funding has been completed. Funding totalled \$2,967K. The matching Tax Supported Debt for ISF is also no longer available. This totals \$2,297K.

#34: Recognize the use of Interim Financing in 2011 of \$2,266K.

**PROFILE JUSTIFICATION**

The extension to Heritage was approved by Council in May, 2005. Extending the LRT to South Campus in 2008 and Heritage in 2009 meets the priority objectives established in the TMP and HST studies.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **SLRT (Federal Fuel Tax Rebate)****FUNDED**PROFILE NUMBER: **05-66-1671**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	779,944	-	-	-	-	-	-	-	-	-	-	779,944
	2005 CBS Budget Adjustment	18,009	-	-	-	-	-	-	-	-	-	-	18,009
	2006 CBS Budget Adjustment	-35,242	-	-	-	-	-	-	-	-	-	-	-35,242
	2007 CBS Budget Adjustment	21,540	-	-	-	-	-	-	-	-	-	-	21,540
	2008 CBS Budget Adjustment	85,847	-	-	-	-	-	-	-	-	-	-	85,847
	2009 CBS Budget Adjustment	-121,893	-	-	-	-	-	-	-	-	-	-	-121,893
	2010 CBS Budget Adjustment	-54,349	-	-	-	-	-	-	-	-	-	-	-54,349
	2011 CBS Budget Adjustment	-9,859	-	-	-	-	-	-	-	-	-	-	-9,859
	2012 CBS Budget Adjustment	-2,664	-	-	-	-	-	-	-	-	-	-	-2,664
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,225	-	-	-	-	-	-	-	-	-	-	6,225
	2014 Cap Carry Forward	-1,324	1,324	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-3,000	-	-	-	-	-	-	-	-	-	-	-3,000
	Current Approved Budget	683,234	1,324	-	-	-	-	-	-	-	-	-	684,558
	Approved Funding Sources												
	AMIP	25,000	-	-	-	-	-	-	-	-	-	-	25,000
	Federal Gas Tax Fund	41,165	-	-	-	-	-	-	-	-	-	-	41,165
	Fuel Rebate	12,708	-	-	-	-	-	-	-	-	-	-	12,708
	Infra Stimulus Fund - Federal	2,820	-	-	-	-	-	-	-	-	-	-	2,820
	Munc Sustain. Initiative - MSI	7,176	-	-	-	-	-	-	-	-	-	-	7,176
	Other	1,050	-1,051	-	-	-	-	-	-	-	-	-	-1
	Other Reserve	5,613	2,376	-	-	-	-	-	-	-	-	-	7,989
	Pay-As-You-Go	12,063	-	-	-	-	-	-	-	-	-	-	12,063
	Pay-As-You-Go (non-TCA)	75	-	-	-	-	-	-	-	-	-	-	75
	Tax-Supported Debt	575,563	-	-	-	-	-	-	-	-	-	-	575,563
	Current Approved Funding Sources	683,234	1,324	-	-	-	-	-	-	-	-	-	684,558

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	683,234	1,324	-	-	-	-	-	-	-	-	-	684,558
	Requested Funding Source												
	AMIP	25,000	-	-	-	-	-	-	-	-	-	-	25,000
	Federal Gas Tax Fund	41,165	-	-	-	-	-	-	-	-	-	-	41,165
	Fuel Rebate	12,708	-	-	-	-	-	-	-	-	-	-	12,708
	Infra Stimulus Fund - Federal	2,820	-	-	-	-	-	-	-	-	-	-	2,820
	Munc Sustain. Initiative - MSI	7,176	-	-	-	-	-	-	-	-	-	-	7,176
	Other	1,050	-1,051	-	-	-	-	-	-	-	-	-	-1
	Other Reserve	5,613	2,376	-	-	-	-	-	-	-	-	-	7,989
	Pay-As-You-Go	12,063	-	-	-	-	-	-	-	-	-	-	12,063
	Pay-As-You-Go (non-TCA)	75	-	-	-	-	-	-	-	-	-	-	75
	Tax-Supported Debt	575,563	-	-	-	-	-	-	-	-	-	-	575,563
	Requested Funding Source	683,234	1,324	-	-	-	-	-	-	-	-	-	684,558

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-4,324	1,324	-	-	-	-	-	-	-	-	-	-3,000
	Other Costs	687,558	-	-	-	-	-	-	-	-	-	-	687,558
	Total	683,234	1,324	-	-	-	-	-	-	-	-	-	684,558

# CAPITAL PROFILE REPORT

Profile Page 3

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRV RETROFIT PACKAGE**  
 PROFILE **07-66-1280**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Fleet**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2007**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>46,346</b>
	<b>100</b>	BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>46,346</b>

**PROFILE DESCRIPTION**

This is a single project containing the capital funds for mid-life rehabilitation of the existing LRT Vehicles to replace obsolete critical subsystems, repair body damage and corrosion, and refurbish car interiors. Major subsystems to be replaced include the propulsion control system, electrical panels, buffers and couplers, articulation joint overhaul, slewing ring replacement, auxiliary power supply, auxiliary heaters and associated ductwork. It also provides for improved communications systems on the vehicles in line with the new vehicles (onboard CCTV, electronic destination signs and information signs). Work is planned for the 2007-2014 time period.

Power truck frames experiencing corrosion will be replaced with new frames will also be replaced in order to maintain safe operation of the LRVs. Obsolete train control equipment will be replaced as a key funded activity in the 2012-14 time period.

Fall 2012:

#68: Correct wrong year inputted during the Spring SBA between Transit Fleet Growth.

2012 Spring SBA:

#39: All NDPT funds were required to be used as a source of financing by the end of 2011. There were insufficient expenditures in 07-66-1280 to utilize all the financing, therefore it was utilized in 09-66-1681. NDPT of \$1,927K is switched with Fuel Rebate in 09-66-1680 to ensure that all available NDPT funding was utilized.

**PROFILE JUSTIFICATION**

Work in this project is required as a mid-life upgrade to the LRT Vehicles to ensure they meet their original design design life plus an additional 15-20 years in operational use to maintain the operational capacity and reliability of the LRT system. The major electrical and control systems are obsolete and replacement is required to maintain the reliable and safe operation of the vehicles. Body corrosion is required to be repaired to ensure the vehicles remain safe to be used in operation. Major mechanical subsystems are worn and require replacement to maintain the safe operation of the vehicle. It also provides for improved communication with passengers regarding destinations and service announcements and improves security on the vehicles with the addition of CCTV coverage onboard. Corroded power truck frames require replacement to ensure the cars do not experience a significant frame failure that would result in a derailment and serious accident.

Failure to complete the work will result in failures of equipment that will adversely impact LRT service, and potentially compromise the safe operation of the vehicles. Failures could result in severely reduced passenger capacity on the LRT line for extended periods of time and require the early replacement of the total LRT vehicle at four times the cost. The U2 fleet will be substandard in terms of customer expectations concerning safety and security and communication systems. With the retrofit, the service life of the vehicles will be extended by 15-20 years.

This project supports The Way We Move and the strategic goals of ensuring Transit Infrastructure is well maintained and the increased use of Public Transit.

**CHANGES TO APPROVED PROFILE**

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **LRV Retrofit Package****FUNDED**PROFILE NUMBER: **07-66-1280**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	76,554	-	-	-	-	-	-	-	-	-	-	76,554
	2007 CBS Budget Adjustment	-7,076	-	-	-	-	-	-	-	-	-	-	-7,076
	2008 CBS Budget Adjustment	-5,621	-	-	-	-	-	-	-	-	-	-	-5,621
	2009 CBS Budget Adjustment	-14,057	-	-	-	-	-	-	-	-	-	-	-14,057
	2010 CBS Budget Adjustment	-1,764	-	-	-	-	-	-	-	-	-	-	-1,764
	2011 CBS Budget Adjustment	-7,058	-	-	-	-	-	-	-	-	-	-	-7,058
	2012 CBS Budget Adjustment	-901	-	-	-	-	-	-	-	-	-	-	-901
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,269	-	-	-	-	-	-	-	-	-	-	6,269
	2014 Cap Carry Forward	-6,126	6,126	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	40,220	6,126	-	-	-	-	-	-	-	-	-	46,346
	Approved Funding Sources												
	Fuel Rebate	10,753	-4,109	-	-	-	-	-	-	-	-	-	6,644
	Munc Sustain. Initiative - MSI	5	8,295	-	-	-	-	-	-	-	-	-	8,300

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	40,220	6,126	-	-	-	-	-	-	-	-	-	46,346
	Requested Funding Source												
	Fuel Rebate	10,753	-4,109	-	-	-	-	-	-	-	-	-	6,644
	Munc Sustain. Initiative - MSI	5	8,295	-	-	-	-	-	-	-	-	-	8,300
	NDPT-New Deal Public Transit	20,195	-	-	-	-	-	-	-	-	-	-	20,195
	Other	9,266	-	-	-	-	-	-	-	-	-	-	9,266
	Pay-As-You-Go	1	1,940	-	-	-	-	-	-	-	-	-	1,941
	Requested Funding Source	40,220	6,126	-	-	-	-	-	-	-	-	-	46,346

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-6,126	6,126	-	-	-	-	-	-	-	-	-	-
	Other Costs	46,346	-	-	-	-	-	-	-	-	-	-	46,346
	Total	40,220	6,126	-	-	-	-	-	-	-	-	-	46,346

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NORTH EAST LRT ELECTRIFICATION UPGRADE**  
 PROFILE: **08-66-1273**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,775</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,775</b>

**PROFILE DESCRIPTION**

This Project provides for the upgrade of the North East LRT Electrification system to enable the operation of 4-car SD160 trains on the existing LRT line.

Work planned for 2009 and 2010 includes the detailed design, purchase and installation of new substation transformers and rectifiers in Clareview, Belvedere, Stadium and Colliseum substations, and capacity increases to underground and aerial feeders on the overhead catenary system.

This is funded by the Public Transit Trust Fund.

This project is complete in 2011.

**PROFILE JUSTIFICATION**

The current catenary system on the North East LRT line does not have the capacity to operate 4-car SD160 Light Rail Vehicles. If this upgrade is not completed, the trains will be restricted to 3-car, which reduces the passenger capacity. The ridership has increased by over 15% in the last three years and additional LRV's were purchased to increase the capacity on the line to meet this demand by making all trains 4-car consists.

**CHANGES TO APPROVED PROFILE**

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **North East LRT Electrification Upgrade****FUNDED**PROFILE NUMBER: **08-66-1273**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	10,000	-	-	-	-	-	-	-	-	-	-	10,000
	2009 CBS Budget Adjustment	-4,269	-	-	-	-	-	-	-	-	-	-	-4,269
	2010 CBS Budget Adjustment	2,080	-	-	-	-	-	-	-	-	-	-	2,080
	2011 CBS Budget Adjustment	1,808	-	-	-	-	-	-	-	-	-	-	1,808
	2012 CBS Budget Adjustment	605	-	-	-	-	-	-	-	-	-	-	605
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	276	-	-	-	-	-	-	-	-	-	-	276
	2014 Cap Carry Forward	-233	233	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	275	-	-	-	-	-	-	-	-	-	-	275
	Current Approved Budget	10,542	233	-	-	-	-	-	-	-	-	-	10,775
	Approved Funding Sources												
	Fuel Rebate	775	-232	-	-	-	-	-	-	-	-	-	543
	Munc Sustain. Initiative - MSI	-233	233	-	-	-	-	-	-	-	-	-	-
	NDPT-New Deal Public Transit	10,000	-	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	232	-	-	-	-	-	-	-	-	-	232
	Current Approved Funding Sources	10,542	233	-	-	-	-	-	-	-	-	-	10,775

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,542	233	-	-	-	-	-	-	-	-	-	10,775
	Requested Funding Source												
	Fuel Rebate	775	-232	-	-	-	-	-	-	-	-	-	543
	Munc Sustain. Initiative - MSI	-233	233	-	-	-	-	-	-	-	-	-	-
	NDPT-New Deal Public Transit	10,000	-	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	232	-	-	-	-	-	-	-	-	-	232
	Requested Funding Source	10,542	233	-	-	-	-	-	-	-	-	-	10,775

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	42	233	-	-	-	-	-	-	-	-	-	275
	Other Costs	10,500	-	-	-	-	-	-	-	-	-	-	10,500
	Total	10,542	233	-	-	-	-	-	-	-	-	-	10,775

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT SAFETY & SECURITY IMPROVEMENTS**  
 PROFILE: **09-66-1240**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,702</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,702</b>

**PROFILE DESCRIPTION**

This Project contains the capital funding for major Transit security initiatives related to the safety and security of the Transit system, its customers and employees.

Major planned projects for 2009-2011 include:

- life cycle replacements of the CCTV and security systems in Bus Terminals and Bus cameras
- Pedway security upgrade
- Relocation of the ETS Control Centre to accommodate growth in the Bus and LRT systems
- initiatives in response to the 2004 Transit Security Audit recommendations

2010:

BA70: Transfer funds to Fleet Services for Crown Victoria.

BA68: Delay in obtaining a suitable location for the Control Room.

**PROFILE JUSTIFICATION**

Items in this composite project are initiatives required to increase the level of safety and security of the Transit system, its customers and employees.

The project reflects Council's initiative to Improve Edmonton's Liveability with a focus on Reducing and Preventing Crime on Transit.

The project reflects the department's priority to address State of Good Repair and Safety on Transit infrastructure.

Without funding the following impacts are expected:

- a number of the recommendations identified by the Transit Security Audit will not be able to be addressed resulting in an increased level of vandalism and violence on the Transit system, and potentially a reduction in ridership
- obsolete technology used in the Bus Terminals will reduce the capability of monitoring and responding to security issues in the bus terminals
- the Control Centre is at physical capacity and must be expanded to effectively and efficiently cope with the growth of the control systems in use and the extra service on bus and LRT systems.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit Safety & Security Improvements****FUNDED**PROFILE NUMBER: **09-66-1240**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	26,610	-	-	-	-	-	-	-	-	-	-	26,610
	2009 CBS Budget Adjustment	-6,219	-	-	-	-	-	-	-	-	-	-	-6,219
	2010 CBS Budget Adjustment	-6,857	-	-	-	-	-	-	-	-	-	-	-6,857
	2011 CBS Budget Adjustment	-2,565	-	-	-	-	-	-	-	-	-	-	-2,565
	2012 CBS Budget Adjustment	-3,165	-	-	-	-	-	-	-	-	-	-	-3,165
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,548	-	-	-	-	-	-	-	-	-	-	6,548
	2014 Cap Carry Forward	-313	313	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	350	-	-	-	-	-	-	-	-	-	-	350
	Current Approved Budget	14,389	313	-	-	-	-	-	-	-	-	-	14,702
	Approved Funding Sources												
	Federal Grant	1,489	-	-	-	-	-	-	-	-	-	-	1,489
	Fuel Rebate	4,000	-	-	-	-	-	-	-	-	-	-	4,000
	Munc Sustain. Initiative - MSI	6,200	-	-	-	-	-	-	-	-	-	-	6,200
	Pay-As-You-Go	2,700	313	-	-	-	-	-	-	-	-	-	3,013
	Current Approved Funding Sources	14,389	313	-	-	-	-	-	-	-	-	-	14,702

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	14,389	313	-	-	-	-	-	-	-	-	-	14,702
	Requested Funding Source												
	Federal Grant	1,489	-	-	-	-	-	-	-	-	-	-	1,489
	Fuel Rebate	4,000	-	-	-	-	-	-	-	-	-	-	4,000
	Munc Sustain. Initiative - MSI	6,200	-	-	-	-	-	-	-	-	-	-	6,200
	Pay-As-You-Go	2,700	313	-	-	-	-	-	-	-	-	-	3,013
	Requested Funding Source	14,389	313	-	-	-	-	-	-	-	-	-	14,702

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-313	313	-	-	-	-	-	-	-	-	-	-
	Equip FurnFixt	350	-	-	-	-	-	-	-	-	-	-	350
	Other Costs	14,352	-	-	-	-	-	-	-	-	-	-	14,352
	Total	14,389	313	-	-	-	-	-	-	-	-	-	14,702

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRT FLEET, FACILITIES & EQUIPMENT REHAB**  
 PROFILE **09-66-1270**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Fleet**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>30,987</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>30,987</b>

**PROFILE DESCRIPTION**

This Project contains the capital funding for general rehabilitation and upgrades to the LRT system (comprising major facilities, track & right-of-way, fleet, auxiliary equipment, communications systems, signals system, line electrification system, shop equipment and fare collection equipment).

Major planned infrastructure projects for 2009-2011 include:

- repairs to corroded structural, electrical and mechanical components in the LRT stations, including structural repairs to the Coliseum Station platform,
- replacement of LRT Station escalators (approaching failure condition),
- provision of an electronic passenger information system in existing stations to meet the standard provided on the south LRT leg,
- expansion of the fibre optic communication line between Churchill and Clareview to meet the communication standard provided for the remainder of the LRT line,
- purchase of additional auxiliary equipment (snow blower, snow removal car, and insulated man lift) to meet the maintenance requirements for the SLRT extension,
- replacement of LRT grade crossings and track sections approaching failure condition.

Major work to be completed in 2012 is the installation of replacement escalators in Churchill Station

2012 Spring SBA:

#36 & 37: In 2011 09-66-1270 agreed to fund the beginning of the design for Central LRT Station Roof Repair, since 12-66-1271 was not yet approved. This transfer is to pay 09-66-1270 for funding this design. Expenditures in 2011 totalled \$1,116K.

**PROFILE JUSTIFICATION**

Items in this composite project are remedial actions required to maintain the safety and operating efficiency (reliability and serviceability) of the LRT system.

Without adequate funding in 2009-2011, the following impacts are expected:

- there will be an increasing risk of infrastructure/systems failure potentially placing public safety at risk, interrupting LRT service, and increasing interruption recovery costs. In some cases, failure could result in extended service disruptions exceeding 2-3 months.
- future repair costs for structural components damaged through corrosion within the LRT stations will increase exponentially,
- the LRT Station escalators will be removed from service if they become unserviceable or unable to meet minimum Code safety requirements,
- the standards for passenger information systems provided on the SLRT leg will not be met on the existing line,
- there will be reduced ability to accommodate future expansion of the communications systems on the LRT as all available fibre strands between Churchill and Clareview are currently assigned,
- LRT service delays will occur without additional snow removal equipment and insulated lift equipment for the SLRT extension,
- where the condition of the track infrastructure can not be maintained to an adequate standard, train speeds will be reduced to ensure public safety is not compromised.

This project directly supports the Way We Move by maintaining the transit system in good state of repair and helps to shift the transportation mode and use of public transit.

**CHANGES TO APPROVED PROFILE**

SCBA#41 Admin (Fall 2015)

Additional costs required for Churchill escalator. Transfer funds from 12-66-1270 to 09-66-1270.

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **LRT Fleet, Facilities & Equipment Rehab****FUNDED**PROFILE NUMBER: **09-66-1270**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	29,059	-	-	-	-	-	-	-	-	-	-	29,059
	2009 CBS Budget Adjustment	-7,452	-	-	-	-	-	-	-	-	-	-	-7,452
	2010 CBS Budget Adjustment	308	-	-	-	-	-	-	-	-	-	-	308
	2011 CBS Budget Adjustment	951	-	-	-	-	-	-	-	-	-	-	951
	2012 CBS Budget Adjustment	1,774	-	-	-	-	-	-	-	-	-	-	1,774
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	5,837	-	-	-	-	-	-	-	-	-	-	5,837
	2014 Cap Carry Forward	200	-200	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	232	-	-	-	-	-	-	-	-	-	-	232
	2014 SCBA Within Dept <\$250K	68	-	-	-	-	-	-	-	-	-	-	68
	2015 Cap Administrative	-	210	-	-	-	-	-	-	-	-	-	210
	Current Approved Budget	30,977	10	-	-	-	-	-	-	-	-	-	30,987
	Approved Funding Sources												
	Federal Grant	360	-	-	-	-	-	-	-	-	-	-	360
	Fuel Rebate	13,503	-67	-	-	-	-	-	-	-	-	-	13,436
	Munc Sustain. Initiative - MSI	16,195	77	-	-	-	-	-	-	-	-	-	16,272
	Pay-As-You-Go	919	1	-	-	-	-	-	-	-	-	-	919
	Current Approved Funding Sources	30,977	10	-	-	-	-	-	-	-	-	-	30,987

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	30,977	10	-	-	-	-	-	-	-	-	-	30,987
	Requested Funding Source												
	Federal Grant	360	-	-	-	-	-	-	-	-	-	-	360
	Fuel Rebate	13,503	-67	-	-	-	-	-	-	-	-	-	13,436
	Munc Sustain. Initiative - MSI	16,195	77	-	-	-	-	-	-	-	-	-	16,272
	Pay-As-You-Go	919	1	-	-	-	-	-	-	-	-	-	919
	Requested Funding Source	30,977	10	-	-	-	-	-	-	-	-	-	30,987

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	268	10	-	-	-	-	-	-	-	-	-	278
	Equip FurnFixt	232	-	-	-	-	-	-	-	-	-	-	232
	Other Costs	30,477	-	-	-	-	-	-	-	-	-	-	30,477
	Total	30,977	10	-	-	-	-	-	-	-	-	-	30,987

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REPLACE LRT SIGNAL SYSTEM**  
 PROFILE: **09-66-1296**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **January, 2017**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>31,101</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>31,101</b>

**PROFILE DESCRIPTION**

This project provides for the replacement of the existing obsolete LRT signal system on the NE LRT line and provides for upgrading the line to provide bi-directional operational capability between Churchill and Belvedere Stations.

The upgrades along the NE leg of the line have been completed in 2011.

**PROFILE JUSTIFICATION**

The train control signal system was installed in 1978 for the opening of the NE LRT line and the relay logic control equipment was replaced with computerized logic in 2011. Upgrades to the route selection and selected pedestrian crossings are required to improve the operational capability of the system.

The current line is signaled for automatic route selection for south to north operation which requires manual operation to be used to work around a track blockage. The automatic turnback logic upgrade will improve service reliability, and speed up operation when there is a track blockage.

If the project is not approved, significant delays in operation will be experienced when there are track blockages and short turning of trains is required.

The project supports Council's goal to Shift Edmonton's Transportation mode by ensuring the transportation system is integrated and safe.

This project also supports Council's 10 year goal to ensure Edmonton's Financial Sustainability by ensuring the City has well managed and sustainable assets and services.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Replace LRT Signal System****FUNDED**PROFILE NUMBER: **09-66-1296**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	27,802	-	-	-	-	-	-	-	-	-	-	27,802
	2009 CBS Budget Adjustment	187	-	-	-	-	-	-	-	-	-	-	187
	2010 CBS Budget Adjustment	5,466	-	-	-	-	-	-	-	-	-	-	5,466
	2011 CBS Budget Adjustment	-4,032	-	-	-	-	-	-	-	-	-	-	-4,032
	2012 CBS Budget Adjustment	338	-	-	-	-	-	-	-	-	-	-	338
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,340	-	-	-	-	-	-	-	-	-	-	1,340
	2014 Cap Carry Forward	-479	479	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	30,622	479	-	-	-	-	-	-	-	-	-	31,101
	Approved Funding Sources												
	Fuel Rebate	1,300	-	-	-	-	-	-	-	-	-	-	1,300
	Infra Stimulus Fund - Federal	9,933	-	-	-	-	-	-	-	-	-	-	9,933
	Infra Stimulus Fund - Prov	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	9,934	-	-	-	-	-	-	-	-	-	-	9,934
	Tax-Supported Debt	9,455	479	-	-	-	-	-	-	-	-	-	9,934
	Current Approved Funding Sources	30,622	479	-	-	-	-	-	-	-	-	-	31,101

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	30,622	479	-	-	-	-	-	-	-	-	-	31,101
	Requested Funding Source												
	Fuel Rebate	1,300	-	-	-	-	-	-	-	-	-	-	1,300
	Infra Stimulus Fund - Federal	9,933	-	-	-	-	-	-	-	-	-	-	9,933
	Infra Stimulus Fund - Prov	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	9,934	-	-	-	-	-	-	-	-	-	-	9,934
	Tax-Supported Debt	9,455	479	-	-	-	-	-	-	-	-	-	9,934
	Requested Funding Source	30,622	479	-	-	-	-	-	-	-	-	-	31,101

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-479	479	-	-	-	-	-	-	-	-	-	-
	Other Costs	31,101	-	-	-	-	-	-	-	-	-	-	31,101
	Total	30,622	479	-	-	-	-	-	-	-	-	-	31,101

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FACILITIES & EQUIPMENT REHAB**  
 PROFILE: **09-66-1410**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>15,965</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>15,965</b>

**PROFILE DESCRIPTION****Scope:**

This project contains the funded capital portion for the core maintenance, rehabilitation and improvement of ETS bus terminals, bus shelters, dedicated bus control systems and operations/support areas. Specific elements and initiatives include the placement of accessible shelters on low floor bus routes, slab replacement for deteriorated bus ways at transit centres and rehabilitation of structures at Transit facilities and garages.

**Major planned projects in 2009 to 2013 include:**

- Repairs and replacement of deteriorated bus stop and shelter pads
- Ongoing accessibility modification to existing shelters
- Minor bus garage leasehold improvements
- Repairs to corroded, spalling and unstable concrete slabs at Transit Centres
- Refurbishing Jasper Place Transit Centre facility

**2012 Spring SBA:**

#37: Funds totalling \$971K transferred to 09-66-1680 to cover overexpenditures in 2011. Overexpenditures occurred due to CAMRIF funding ending in early 2011 and therefore not being available for expenditures incurred after March 2011.

**PROFILE JUSTIFICATION**

Items in this composite project are remedial actions required to maintain the safety and operating efficiency, reliability and serviceability of the Bus Facilities and Equipment.

**Without adequate funding, the following facility impacts are expected:**

- Future repair costs for bus pads and stops will increase exponentially
- An increase in legal actions against the city due to deteriorated and failed infrastructure.
- Patrons with disabilities will continue to have major difficulties utilizing public transportation
- Operational costs will increase due to inefficiencies and loss of productivity
- Slab replacements and structural rehabilitation of bus facilities and busways are required to ensure continued serviceability of the assets.

Failure to repair or upgrade these facilities in a timely fashion places them at increase risk of failure potentially placing the public safety at risk, interrupting bus service, increasing fleet costs and increasing service interruption recovery costs. In some cases, failure could result in closure of the facility.

**Alignment:**

This project supports Council's initiative to Transform Edmonton's Urban Form by focussing on strategic investment in infrastructure identified in the LRFP requiring rehabilitation in order to ensure it remains operational.

**Impact on Operating:**

There is no operating impact for this project. Existing service will remain the same however the benefits are improve safety, service and bus operation efficiency.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Bus Facilities & Equipment Rehab****FUNDED**PROFILE NUMBER: **09-66-1410**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	11,569	-	-	-	-	-	-	-	-	-	-	11,569
	2009 CBS Budget Adjustment	2,613	-	-	-	-	-	-	-	-	-	-	2,613
	2010 CBS Budget Adjustment	-2,335	-	-	-	-	-	-	-	-	-	-	-2,335
	2011 CBS Budget Adjustment	-1,390	-	-	-	-	-	-	-	-	-	-	-1,390
	2012 CBS Budget Adjustment	2,728	-	-	-	-	-	-	-	-	-	-	2,728
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,918	-	-	-	-	-	-	-	-	-	-	2,918
	2014 Cap Carry Forward	-32	32	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-24	-	-	-	-	-	-	-	-	-	-	-24
	2014 SCBA Within Dept <\$250K	-114	-	-	-	-	-	-	-	-	-	-	-114
	Current Approved Budget	15,933	32	-	-	-	-	-	-	-	-	-	15,965
	Approved Funding Sources												
	Fuel Rebate	11,801	-	-	-	-	-	-	-	-	-	-	11,801

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	15,933	32	-	-	-	-	-	-	-	-	-	15,965
	Requested Funding Source												
	Fuel Rebate	11,801	-	-	-	-	-	-	-	-	-	-	11,801
	Munc Sustain. Initiative - MSI	2,300	-	-	-	-	-	-	-	-	-	-	2,300
	Pay-As-You-Go	1,832	32	-	-	-	-	-	-	-	-	-	1,864
	Requested Funding Source	15,933	32	-	-	-	-	-	-	-	-	-	15,965

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-170	32	-	-	-	-	-	-	-	-	-	-138
	Other Costs	16,103	-	-	-	-	-	-	-	-	-	-	16,103
	Total	15,933	32	-	-	-	-	-	-	-	-	-	15,965

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FLEET GROWTH**  
 PROFILE: **09-66-1681**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Public Transit</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>33,067</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>33,067</b>

**PROFILE DESCRIPTION**

This project contains the funding for bus purchases to meet growth and low floor route capacity requirements. Total project funding allocated for growth and capacity needs is 54 low floor 12 m clean diesel buses plus 10 community services buses in 2009; 17 low floor 12 m clean diesel buses plus 4 community service buses in 2010; 31 low floor 12 m diesel buses in 2011; 27 low floor 12 m diesel buses plus 9 community service buses in 2012; and 21 low floor 12 m diesel buses and 4 community service buses in 2013. 9 DATS buses are also in the plan for 3 buses in 2010, 3 buses in 2012 and 3 buses in 2013. All vehicles are fully accessible.

2012 Spring SBA:

2012 Spring SBA:

#39: All NDPT funds were required to be used as a source of financing by the end of 2011. There were insufficient expenditures in 07-66-1280 to utilize all the financing, therefore it was utilized in 09-66-1681. NDPT of \$1,927K is switched with Fuel Rebate in 09-66-1680 to ensure that all available NDPT funding was utilized.

#34: Recognize the use of NDPT interest as a source of financing in 2011, totalling \$2,377K.

2010:

BA68: 2010 Buses will not be delivered until 2011.

**PROFILE JUSTIFICATION**

The growth and capacity buses are required to provide new service in developing areas and to increase capacity on dedicated low floor routes in developed areas to meet Council approved Transit Service Guidelines. Population growth, and expanding geographical areas to be served, have increased demand for transit service. An information report was presented to council on July 9, 2008 regarding the Edmonton Transit Ridership Strategy. This report outlines requirements for additional services and buses to meet customer needs. Additionally a review of future DATS needs indicated growth requirements over 2009-2013.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focussing on increasing Transit ridership by increasing the level of service into new areas and by increasing the bus capacity and reducing travel times on major trunk routes.

**CHANGES TO APPROVED PROFILE**

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

## CAPITAL PROFILE REPORT

Profile Page 2

PROFILE NAME: **Bus Fleet Growth****FUNDED**PROFILE NUMBER: **09-66-1681**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	28,173	-	-	-	-	-	-	-	-	-	-	28,173
	2009 CBS Budget Adjustment	5,762	-	-	-	-	-	-	-	-	-	-	5,762
	2010 CBS Budget Adjustment	-2,830	-	-	-	-	-	-	-	-	-	-	-2,830
	2011 CBS Budget Adjustment	-1,837	-	-	-	-	-	-	-	-	-	-	-1,837
	2012 CBS Budget Adjustment	1,830	-	-	-	-	-	-	-	-	-	-	1,830
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,969	-	-	-	-	-	-	-	-	-	-	1,969
	2014 Cap Carry Forward	-132	132	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	32,935	132	-	-	-	-	-	-	-	-	-	33,067
	Approved Funding Sources												
	Fuel Rebate	15,792	-131	-	-	-	-	-	-	-	-	-	15,661
	Munc Sustain. Initiative - MSI	11,276	132	-	-	-	-	-	-	-	-	-	11,408
	NDPT-New Deal Public Transit	4,649	-	-	-	-	-	-	-	-	-	-	4,649
	Pay-As-You-Go	1,218	131	-	-	-	-	-	-	-	-	-	1,349
	Current Approved Funding Sources	32,935	132	-	-	-	-	-	-	-	-	-	33,067

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	32,935	132	-	-	-	-	-	-	-	-	-	33,067
	Requested Funding Source												
	Fuel Rebate	15,792	-131	-	-	-	-	-	-	-	-	-	15,661
	Munc Sustain. Initiative - MSI	11,276	132	-	-	-	-	-	-	-	-	-	11,408
	NDPT-New Deal Public Transit	4,649	-	-	-	-	-	-	-	-	-	-	4,649
	Pay-As-You-Go	1,218	131	-	-	-	-	-	-	-	-	-	1,349
	Requested Funding Source	32,935	132	-	-	-	-	-	-	-	-	-	33,067

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-132	132	-	-	-	-	-	-	-	-	-	-
	Other Costs	33,067	-	-	-	-	-	-	-	-	-	-	33,067
	Total	32,935	132	-	-	-	-	-	-	-	-	-	33,067

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **EAUX CLAIRE & LEWIS ESTATES PHASE II**  
 PROFILE: **09-66-1683**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,472</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,472</b>

**PROFILE DESCRIPTION**

This project contains the capital funding to support the growth of ETS major bus facilities to meet growth requirements identified in the ETS Strategic Ridership Strategy.

Major planned projects in 2009 to 2013 include:

- Lewis Farms Park and Ride Phase II, design construction and implementation 2011;
- Eaux Claire Transit Centre land acquisition for Park and Ride in 2008 (Expenses in Program 1665)
- Eaux Claire Transit Centre design, construction and implementation in 2011

2012 Spring SBA:

#33: ISF funding of \$1,794K is no longer available as a funding source.

2011 Spring SBA:

BA36 Transfer MSI to 66-1671 to replace NDCC Financing.

2010:

BA69: Funding source has been substituted with MSI.

**PROFILE JUSTIFICATION**

Facilities at new locations are required for growth mandated in present corporate and departmental strategic plans. CAMRIF Funding is established for three terminals to be completed by Spring 2010. ISF Funding is established for expansion of Lewis Farms Park and Ride and Eaux Claire Terminal & Park and Ride to be completed by Spring of 2011. The inclusion of two new Park and Ride lots will improve convenience for passengers and attract new passengers to the system who, otherwise, would not use public transit due to personal travel needs.

Greenhouse gas emissions can be reduced through additional ridership on the transit system through shifting the mode of travel from private automobile use.

Failure to provide these new facilities in a timely fashion increases the risk of providing different service levels within similar areas and reducing service within others. Ultimately, this would reduce ridership and cause Edmonton's Public Transportation to operate at a largely increased deficit.

This project supports Council's initiative to shift Edmonton's Transportation Modes by focussing on increasing Transit ridership through the provision of new bus facilities and Park and Ride sites. This allows for expansion of service into new areas, attracting additional ridership through Park and ride and by improving the bus service to these areas.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Eaux Claire & Lewis Estates Phase II****FUNDED**PROFILE NUMBER: **09-66-1683**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	16,200	-	-	-	-	-	-	-	-	-	-	16,200
	2009 CBS Budget Adjustment	197	-	-	-	-	-	-	-	-	-	-	197
	2010 CBS Budget Adjustment	-3,436	-	-	-	-	-	-	-	-	-	-	-3,436
	2011 CBS Budget Adjustment	-2,093	-	-	-	-	-	-	-	-	-	-	-2,093
	2012 CBS Budget Adjustment	49	-	-	-	-	-	-	-	-	-	-	49
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	427	-	-	-	-	-	-	-	-	-	-	427
	2014 Cap Carry Forward	-21	21	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	104	-	-	-	-	-	-	-	-	-	-	104
	2014 SCBA Within Dept <\$250K	24	-	-	-	-	-	-	-	-	-	-	24
	Current Approved Budget	11,451	21	-	-	-	-	-	-	-	-	-	11,472
	Approved Funding Sources												
	Developer Financing	104	-	-	-	-	-	-	-	-	-	-	104
	Infra Stimulus Fund - Federal	3,166	-	-	-	-	-	-	-	-	-	-	3,166
	Munc Sustain. Initiative - MSI	3,141	21	-	-	-	-	-	-	-	-	-	3,162
	Pay-As-You-Go	40	-	-	-	-	-	-	-	-	-	-	40
	Tax-Supported Debt	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	Current Approved Funding Sources	11,451	21	-	-	-	-	-	-	-	-	-	11,472

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,451	21	-	-	-	-	-	-	-	-	-	11,472
	Requested Funding Source												
	Developer Financing	104	-	-	-	-	-	-	-	-	-	-	104
	Infra Stimulus Fund - Federal	3,166	-	-	-	-	-	-	-	-	-	-	3,166
	Munc Sustain. Initiative - MSI	3,141	21	-	-	-	-	-	-	-	-	-	3,162
	Pay-As-You-Go	40	-	-	-	-	-	-	-	-	-	-	40
	Tax-Supported Debt	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	Requested Funding Source	11,451	21	-	-	-	-	-	-	-	-	-	11,472

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	107	21	-	-	-	-	-	-	-	-	-	128
	Other Costs	11,344	-	-	-	-	-	-	-	-	-	-	11,344
	Total	11,451	21	-	-	-	-	-	-	-	-	-	11,472

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SMARTBUS**  
 PROFILE: **11-66-1293**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2011
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Public Transit		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>13,900</b>
<b>90</b>	<b>10</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>13,900</b>

**PROFILE DESCRIPTION**

The Smart Bus program leverages Intelligent Transportation Systems (ITS) technology to better inform and assist customers, enable operations to better manage the on-road service and to deliver needed information to transit planners to improve services in the future.

This initiative is to equip the remaining fleet of 628 transit buses with Smart Bus equipment, delivering real-time bus information to Edmonton Transit riders and also delivering additional communication, monitoring and analysis tools that will enable Edmonton Transit to better manage the transit service. Given the common on-board equipment and data requirements with the Smart Fare initiative, this project is complimentary to and contingent on approval and funding of the Smart Fare initiative (12-66-1294). This project includes procurement and installation of the remaining on-board equipment and backend information systems not funded through the Smart Fare project.

**PROFILE BACKGROUND**

Intelligent transportation systems offer opportunities to address existing challenges related to bus schedule reliability, fleet management, safety, and accessibility while providing vast improvements to the transit customer's experience.

**PROFILE JUSTIFICATION**

Intelligent Transportation Systems have emerged as a key component in managing large transit systems. As Canada's 6th largest transit system, ETS requires additional, integrated tools to ensure that the bus fleet is optimally allocated and maintained and to provide the necessary level of safety, accessibility, and real-time data that customers require in order to catalyze large scale shifts in transportation modes. The initial roll out of Smart Bus (Phase 1) demonstrated that the solution met the objectives set out in the initial business case and outlined below. In order to fully realize the anticipated outcomes and deliver "smart" technology solutions for ETS in the most cost-effective manner, the remaining fleet needs to be equipped with the Smart Bus infrastructure.

**STRATEGIC ALIGNMENT**

This project aligns with the following City Council goals:

- The Way We MOVE - Shift Edmonton's Transportation Modes
- The Way We GREEN - Preserve and Sustain Edmonton's Environment
- The Way We LIVE - Connecting with Citizens

**ALTERNATIVES CONSIDERED**

The alternative to utilizing Intelligent Transit System technology involves expanding personnel assigned to on road incident management as well as customer service support. This is not seen as sustainable and would not address underlying issues. Deferring system-wide Smart Bus deployment to the 2019 – 2022 Capital Priorities Plan period, after implementation of the Smart Fare System is completed, was also considered. This approach results in significant project cost increase for the combined Smart Fare and Smart Bus initiatives, less flexibility for implementing advanced fare pricing policies and greater complexity and risks related to on-board equipment and data management.

**COST BENEFITS**

The Smart Bus initiative provides benefits that will be experienced directly by customers as well as a broad ranges of efficiencies in the manner in which bus operations are managed.

**KEY RISKS & MITIGATING STRATEGY**

Key risks include resourcing and change management. The use of consistent processes and clear communication to all stakeholders will mitigate these risks.

**RESOURCES**

It is preferable to use a mixed team of dedicated external and internal resources to deliver the solution, as the City benefits from the experienced external resources and knowledge is transferred to the City staff over the course for the project.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that funding be provided to fully equip the remaining ETS bus fleet with the Smart Bus equipment and IT infrastructure.



# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **SMARTBUS****FUNDED**PROFILE NUMBER: **11-66-1293**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,800	-	-	-	-	-	-	-	-	-	-	2,800
	2011 CBS Budget Adjustment	436	-	-	-	-	-	-	-	-	-	-	436
	2012 CBS Budget Adjustment	-1,805	-	-	-	-	-	-	-	-	-	-	-1,805
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,319	-	-	-	-	-	-	-	-	-	-	2,319
	2014 Cap Budget Request for Next Cycle	-	10,150	-	-	-	-	-	-	-	-	-	10,150
	2014 Cap Carry Forward	-385	385	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	3,365	10,535	-	-	-	-	-	-	-	-	-	13,900
	Approved Funding Sources												
	Fuel Rebate	350	-	-	-	-	-	-	-	-	-	-	350
	Munc Sustain. Initiative - MSI	2,500	9,846	-	-	-	-	-	-	-	-	-	12,346
	Pay-As-You-Go	515	689	-	-	-	-	-	-	-	-	-	1,204
	Current Approved Funding Sources	3,365	10,535	-	-	-	-	-	-	-	-	-	13,900

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,365	10,535	-	-	-	-	-	-	-	-	-	13,900
	Requested Funding Source												
	Fuel Rebate	350	-	-	-	-	-	-	-	-	-	-	350
	Munc Sustain. Initiative - MSI	2,500	9,846	-	-	-	-	-	-	-	-	-	12,346
	Pay-As-You-Go	515	689	-	-	-	-	-	-	-	-	-	1,204
	Requested Funding Source	3,365	10,535	-	-	-	-	-	-	-	-	-	13,900

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	6,444	-	-	-	-	-	-	-	-	-	6,444
	Design	-385	4,091	-	-	-	-	-	-	-	-	-	3,706
	Other Costs	3,750	-	-	-	-	-	-	-	-	-	-	3,750
	Total	3,365	10,535	-	-	-	-	-	-	-	-	-	13,900

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Interdepartmental, Material &amp; Equipment, Personnel, Revenue, Utilities

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Transit	-	-	-	1.0	400	1,813	1,413	4.0	200	-1,156	-1,356	-	-	-621	-621	-
Total Operating Impact	-	-	-	1.0	400	1,813	1,413	4.0	200	-1,156	-1,356	-	-	-621	-621	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WESTWOOD TRANSIT GARAGE UPGRADES**  
 PROFILE: **11-66-1412**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2011**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,251</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,251</b>

**PROFILE DESCRIPTION**

This project funds the refurbishment and upgrades required at the Westwood Transit Garage in order to extend its life for an additional 5 years. This is required to keep the facility operational until the opening of a new replacement transit garage in 2016. The building refurbishment and upgrades include electrical upgrades, overhead door replacement and interior drain refurbishment. The bus servicing equipment refurbishment include the in-ground hoist, portable lifts, tire repair equipment, fuel and lube pipe repair, and other large shop equipment. Once a new transit garage is built a majority of the bus servicing equipment can be transferred to the new facility.

**PROFILE JUSTIFICATION**

The refurbishments required are to ensure that the current level of safety and operating efficiency, reliability and serviceability is maintained until the completion of a new replacement transit garage.

**Alignment**

This project supports Council's goals of Shifting Edmonton's Transportation Mode by ensuring a safe operating facility is provided and encouraging citizens to ride Transit, and Ensuring Edmonton's Financial Sustainability by creating a well managed and maintained asset.

This project also supports the following Strategic Goals:

- The Way We Move - Shift Edmonton's Transportation Mode: Public transportation and active transportation modes are the preferred choice for more people making it possible for the transportation system to move more people more efficiently in fewer vehicles.
- The Way We Grow - Transform Edmonton's Urban Form: Edmonton has sustainable infrastructure that fosters and supports civic and community needs
- The Way We Finance - Preserve & Sustain Edmonton's Environment: The impact of City operations on air, land and water systems is minimized.

**Impact on Operating**

This project profile has no operating impact.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Westwood Transit Garage Upgrades****FUNDED**PROFILE NUMBER: **11-66-1412**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,000	-	-	-	-	-	-	-	-	-	-	4,000
	2011 CBS Budget Adjustment	666	-	-	-	-	-	-	-	-	-	-	666
	2012 CBS Budget Adjustment	-2,458	-	-	-	-	-	-	-	-	-	-	-2,458
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	67	-	-	-	-	-	-	-	-	-	-	67
	2014 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	-24	-	-	-	-	-	-	-	-	-	-	-24
	Current Approved Budget	2,251	-	-	-	-	-	-	-	-	-	-	2,251
	Approved Funding Sources												
REVISED BUDGET (IF APPROVED)	Munc Sustain. Initiative - MSI	1,701	-	-	-	-	-	-	-	-	-	-	1,701
	Pay-As-You-Go	550	-	-	-	-	-	-	-	-	-	-	550
	Current Approved Funding Sources	2,251	-	-	-	-	-	-	-	-	-	-	2,251

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,251	-	-	-	-	-	-	-	-	-	-	2,251
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	1,701	-	-	-	-	-	-	-	-	-	-	1,701
	Pay-As-You-Go	550	-	-	-	-	-	-	-	-	-	-	550
	Requested Funding Source	2,251	-	-	-	-	-	-	-	-	-	-	2,251

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-24	-	-	-	-	-	-	-	-	-	-	-24
	Other Costs	2,275	-	-	-	-	-	-	-	-	-	-	2,275
	Total	2,251	-	-	-	-	-	-	-	-	-	-	2,251

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT SAFETY & SECURITY IMPROVEMENTS**  
 PROFILE: **12-66-1240**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Service Enhancements**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>403</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>403</b>

**PROFILE DESCRIPTION**

This Project contains the capital funding for major Transit security initiatives related to the safety and security of the Transit system, its customers and employees. Items in this program are remedial actions required to maintain the operating efficiency of various communication equipment and systems.

The funding approved in 2012-2014 will allow for the replacement of CCTV network equipment and cameras on failure only. Bus cameras will be replaced on failure only.

Major program needs for 2012-2014 include:

- LRT CCTV - life cycle replacement.
- Bus terminals and garages - CCTV network life cycle replacement
- LRT portal Intrusion - life cycle replacement
- Bus cameras - life cycle replacement
- Bus terminals - card access life cycle replacement
- Intergraph version upgrade
- Replace Accident Management Information system
- Peace Officer/Police Records Management system

**PROFILE JUSTIFICATION**

Items in this composite project are initiatives required to increase the level of safety and security of the Transit system, its customers and staff.

The project is aligned with Council's goals of Shifting Edmonton's Transportation Mode with the outcome of improved safety on the Transit system.

Without adequate funding in 2012-2014, the following impacts are expected:

- A number of communication systems and equipment are very old and have exceeded their expected life span. In some cases, some systems and equipment is approaching failure condition. Replacement and upgrading of these system and equipment are required to maintain the safety and operating efficiency of Edmonton Transit system.

- Old equipment and system used in the Bus and LRT Facilities will reduce the capability of monitoring and responding to security issues in the system.

- In general, an increasing failure occurrence rate with the communication system and equipment will interrupt service, increase recovery costs, and potentially place public safety at risk as well as will increase the level of vandalism and violence on the Transit system.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit Safety & Security Improvements****FUNDED**PROFILE NUMBER: **12-66-1240**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	403	-	-	-	-	-	-	-	-	-	-	403
	2012 CBS Budget Adjustment	-133	-	-	-	-	-	-	-	-	-	-	-133
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	133	-	-	-	-	-	-	-	-	-	-	133
	2014 Cap Carry Forward	-119	119	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	284	119	-	-	-	-	-	-	-	-	-	403
	Approved Funding Sources												
	Pay-As-You-Go	284	119	-	-	-	-	-	-	-	-	-	403
	Current Approved Funding Sources	284	119	-	-	-	-	-	-	-	-	-	403

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	284	119	-	-	-	-	-	-	-	-	-	403
	Requested Funding Source												
	Pay-As-You-Go	284	119	-	-	-	-	-	-	-	-	-	403
	Requested Funding Source	284	119	-	-	-	-	-	-	-	-	-	403

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-119	119	-	-	-	-	-	-	-	-	-	-
	Other Costs	403	-	-	-	-	-	-	-	-	-	-	403
	Total	284	119	-	-	-	-	-	-	-	-	-	403

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRT FLEET, FACILITIES & EQUIPMENT REHAB**  
 PROFILE: **12-66-1270**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Public Transit</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>7,294</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>7,294</b>

**PROFILE DESCRIPTION**

THIS PROFILE ALSO HAS PREVIOUSLY APPROVED MSI UNDER 09-66-1270

This Project contains the capital funding for general rehabilitation and upgrades to the LRT system (comprising major facilities, track & right-of-way, fleet, auxiliary equipment, communications systems, signals system, line electrification system, shop equipment and fare collection equipment).

The funded priorities in 2012-14 are:

- Stadium Station platform replacement (approaching failure condition),
- replacement of ticket vending machine components (approaching failure condition),
- installation of an electronic passenger information system in the NE stations to interface with the system being installed as part of the NLRT,
- purchase of replacement wheels for the LRV fleet (at end of life),
- replacement of overhead catenary wire and substation relays approaching critical condition,
- replacement of LRT track sections approaching critical condition,
- start of a program to replace worn out door cams on the LRV fleet.

Major unfunded needs for 2012-14 include:

- repairs to corroded structural, electrical and mechanical components in the LRT stations,
- replacement of escalators at Coliseum Station (approaching failure condition),
- replacement of the D.L.MacDonald Garage underground oil storage tanks (at end of life),
- provision of vendor kiosks at Central LRT station
- expansion of the communications rooms at Coliseum, Stadium, Belvedere and Clareview stations to accommodate fibre network connectivity to the CCTV, Building Management System and ticket vending machines,
- replacement of ticket vending machine components (life cycle replacement program),
- upgrades to the D.L.MacDonald garage vehicle gantries and wheel lathe to support maintenance of the LRV fleet,
- replacement of the LRV door cams (U2 fleet),
- replacement of overhead catenary wire and substation relays (life cycle replacement program),
- replacement of LRT grade crossings and track sections (life cycle replacement program).

# CAPITAL PROFILE REPORT

Profile Page 2

## PROFILE JUSTIFICATION

Items in this composite project are remedial actions required to maintain the safety and operating efficiency (reliability and serviceability) of the LRT system.

The following impacts are expected, if work is not completed in the 2012-2014 time frame:

- there will be an increasing risk of infrastructure/systems failure potentially placing public safety at risk, interrupting LRT service, and increasing interruption recovery costs. In some cases, failure could result in extended service disruptions exceeding 2-3 months.
- future repair costs for structural components damaged through corrosion within the LRT stations will increase exponentially.
- Stadium LRT station platform is exhibiting signs of imminent failure due to concrete deterioration and if renewal is not completed the station may be closed to the public to avoid injuries.
- the Coliseum Station escalators will be removed from service if they become unserviceable or unable to meet minimum Code safety requirements. These units have already had a number of roll backs which can potentially cause serious injury or even fatalities.
- remediation costs could be substantial in the event of an environmental spill from a ruptured oil tank.
- additional communication equipment required for the NE stations will need to be located off site and the ability to record video images during a fibre network outage will be lost,
- the failure rate of ticket vending machines will increase resulting in more out of service machines,
- the standard for passenger information (next train arrival info) provided on the SLRT and NLRT legs will not be met on the NE leg,
- safe access to the roof of the new SD160 fleet will be compromised if modifications to the gantries are not completed,
- without upgrades to the wheel lathe in order to replace obsolete components, train wheels will not be able to be profiled and train speeds will need to be reduced when unstable ride conditions develop.
- obsolete components on the older LRV fleet, if not replaced, will adversely impact train bookout.
- where the condition of the track infrastructure can not be maintained to an adequate standard, train speeds will be reduced to ensure public safety is not compromised.

This project is linked to the Way We Move. It supports the Transportation strategic goals of Transportation Mode Shift and Well Maintained Infrastructure.

## CHANGES TO APPROVED PROFILE

SCBA#41 Admin (Fall 2015)

Additional costs required for Churchill escalator. Transfer funds from 12-66-1270 to 09-66-1270.

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **LRT Fleet, Facilities & Equipment Rehab****FUNDED**PROFILE NUMBER: **12-66-1270**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	8,682	-	-	-	-	-	-	-	-	-	-	8,682
	2012 CBS Budget Adjustment	-2,030	-	-	-	-	-	-	-	-	-	-	-2,030
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,030	-	-	-	-	-	-	-	-	-	-	2,030
	2014 Cap Carry Forward	-1,774	1,774	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-232	-	-	-	-	-	-	-	-	-	-	-232
	2014 SCBA Within Dept <\$250K	-946	-	-	-	-	-	-	-	-	-	-	-946
	2015 Cap Administrative	-	-210	-	-	-	-	-	-	-	-	-	-210
	Current Approved Budget	5,730	1,564	-	-	-	-	-	-	-	-	-	7,294
	Approved Funding Sources												
	Fuel Rebate	6,912	-2,256	-	-	-	-	-	-	-	-	-	4,656
	Munc Sustain. Initiative - MSI	-1,262	3,459	-	-	-	-	-	-	-	-	-	2,197
	Pay-As-You-Go	80	360	-	-	-	-	-	-	-	-	-	441
	Current Approved Funding Sources	5,730	1,564	-	-	-	-	-	-	-	-	-	7,294

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,730	1,564	-	-	-	-	-	-	-	-	-	7,294
	Requested Funding Source												
	Fuel Rebate	6,912	-2,256	-	-	-	-	-	-	-	-	-	4,656
	Munc Sustain. Initiative - MSI	-1,262	3,459	-	-	-	-	-	-	-	-	-	2,197
	Pay-As-You-Go	80	360	-	-	-	-	-	-	-	-	-	441
	Requested Funding Source	5,730	1,564	-	-	-	-	-	-	-	-	-	7,294

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,317	1,564	-	-	-	-	-	-	-	-	-	-753
	Equip FurnFixt	-582	-	-	-	-	-	-	-	-	-	-	-582
	Other Costs	8,629	-	-	-	-	-	-	-	-	-	-	8,629
	Total	5,730	1,564	-	-	-	-	-	-	-	-	-	7,294

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CENTRAL STATION REHABILITATION**  
 PROFILE: **12-66-1271**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>42,100</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>42,100</b>

**PROFILE DESCRIPTION**

This project provides funds for repairs to Central LRT Station.

The scope of work includes:

- repair of the structurally damaged concrete on the roof structure of Central LRT Station
- repair of structurally damaged concrete components within the interior of the station damaged through corrosion
- relocation of the Central Station smoke exhaust vent currently located in the Jasper Avenue median
- waterproofing of the station structure
- repairs for the underground pedway from Central Station to Telus Plaza
- repair of the Cambridge building roof structure located under the sidewalk
- architectural upgrading of the street level entrance structures
- total reconstruction of Jasper Avenue from 100 Street to 102 Street
- addition of new streetscaping elements based on the new vision for Jasper Avenue (optional item).

Dependencies: This project is being to be coordinated with the Jasper Avenue - New Vision plan 12-17-0370.

Fall 2012:

#68: New rules within the MSI grant allows for landscaping to be eligible. Switching Fuel with MSI to increase grant usage.

2012 Spring SBA:

#36 & 37: In 2011 09-66-1270 agreed to fund the beginning of the design for Central LRT Station Roof Repair, since 12-66-1271 was not yet approved. This transfer is to pay 09-66-1270 for funding this design. Expenditures in 2011 totalled \$1,116K.

**PROFILE JUSTIFICATION**

As part of the Bridge Investment Strategy (B.I.S.) all bridge structures are inspected regularly to allow current condition and deterioration rates to be monitored and assessed. In order to ensure the safety of bridges in Edmonton, the condition of bridges is not permitted to decline to a level beyond rehabilitation. The Central Station roof is considered part of the bridge structure inventory and the damage to the LRT station in its present state is extensive. As a result of the damage, the load carrying capacity of the station structure has been reduced. If not addressed, the structure will eventually deteriorate beyond a condition where it can safely support the Jasper Avenue road structure above, and will require significantly more costly repairs or replacement.

This project is linked to The Way We Move. It supports the Transportation strategic goal of Well Maintained Infrastructure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Central Station Rehabilitation****FUNDED**PROFILE NUMBER: **12-66-1271**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	43,000	-	-	-	-	-	-	-	-	-	-	43,000
	2012 CBS Budget Adjustment	-12,045	-	-	-	-	-	-	-	-	-	-	-12,045
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	10,857	-	-	-	-	-	-	-	-	-	-	10,857
	2014 Cap Carry Forward	-1,668	1,668	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	288	-	-	-	-	-	-	-	-	-	-	288
	Current Approved Budget	40,432	1,668	-	-	-	-	-	-	-	-	-	42,100
	Approved Funding Sources												
	Fuel Rebate	30,482	-	-	-	-	-	-	-	-	-	-	30,482
BUDGET REQUEST	Munc Sustain. Initiative - MSI	7,000	-	-	-	-	-	-	-	-	-	-	7,000
	Pay-As-You-Go	2,950	1,668	-	-	-	-	-	-	-	-	-	4,618
	Current Approved Funding Sources	40,432	1,668	-	-	-	-	-	-	-	-	-	42,100

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	40,432	1,668	-	-	-	-	-	-	-	-	-	42,100
	Requested Funding Source												
	Fuel Rebate	30,482	-	-	-	-	-	-	-	-	-	-	30,482
	Munc Sustain. Initiative - MSI	7,000	-	-	-	-	-	-	-	-	-	-	7,000
	Pay-As-You-Go	2,950	1,668	-	-	-	-	-	-	-	-	-	4,618
	Requested Funding Source	40,432	1,668	-	-	-	-	-	-	-	-	-	42,100

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,380	1,668	-	-	-	-	-	-	-	-	-	288
	Other Costs	41,812	-	-	-	-	-	-	-	-	-	-	41,812
	Total	40,432	1,668	-	-	-	-	-	-	-	-	-	42,100

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FLEET REPLACEMENT**  
 PROFILE: **12-66-1281**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Fleet**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: **Public Transit**

Major Initiative:

**GROWTH****RENEWAL****100****PREVIOUSLY APPROVED:****10,992****BUDGET REQUEST:****-****TOTAL PROFILE BUDGET:****10,992**

# CAPITAL PROFILE REPORT

## PROFILE DESCRIPTION

This project will support

- \* the replacement of aging transit buses in the existing fleet,
- \* the Mid-Life Refurbishment of Conventional service buses and
- \* bus equipment replacements.
- \* the replacement of aging DATS buses

The Edmonton Transit bus fleet must be replaced on a regular and predictable basis, in accordance with a planned life of 18 years for conventional 40 foot low-floor and articulated buses, 10 years for community service and 7 years for DATS buses. Replacement of buses also allows Edmonton Transit to take advantage of design and technology improvements (eg. clean diesel engines, corrosion protection). In order to maintain the buses for the expected lifespan, a comprehensive maintenance program is needed. For the vehicles with an 18-year life, mid-life refurbishment of key components is required (body and frame, engine, transmission, etc.). Mid-life refurbishment is a cost effective way to ensure buses can operate for their expected lifespan.

Other components, such as bus camera systems, Automated Passenger Counters, fareboxes and radios, are also replaced at the end of the life cycle.

### Scope:

On January 20, 2010, City Council approved funding plan to replace the DATS fleet, originally purchased in 2005. These buses have a design life of 7 years. For 2012 and 2013, funding is available from the Financial Stabilization Reserve.

The wear and tear on the bus fleet is substantial, and leads to the need for timely replacement of older buses to avoid service interruptions and increasing maintenance and repair costs. Upgrading of the transit fleet with modern equipment will

- \* Increase service reliability and avoid considerable maintenance cost
- \* Offers the potential to reduce greenhouse gas emissions
- \* Presents a safe, clean, modern bus fleet image to improve Customer service and increase ridership.

The 40-foot low floor buses purchased in 1993/94 will be beyond their rated design life within 2012 to 2014 period.

### Operating Impact due to Budget shortfall

1. Operation of 35 buses beyond the planned life expectancy of 18 years: These buses require significantly greater effort to maintain compared to new replacement buses.

2. 174 buses are identified to be refurbished in the next three years. With the budget allocated, only 114 buses refurbishment will be undertaken between 2012 and 2014. The bus refurbishment program extends the life of the buses from the manufacturer design-life of 12 years to the planned life of 18 years component failure on the buses would be expected. This would require unplanned, emergency repairs and generally higher maintenance costs.

Without a fully funded program or provision of operating funding, the safety and reliability of transit service in the city would be affected. A greater number of buses would not be available for daily bookout while awaiting repairs, and more on road service problems would occur.

# CAPITAL PROFILE REPORT

Profile Page 3

## PROFILE JUSTIFICATION

Failure to undertake the bus replacement and refurbishment programs can result in increased maintenance cost and the risk of not providing reliable service due to equipment shortages, which ultimately reduces ridership, increases costs and reduces the overall effectiveness of the public transportation system.

This project reflects the Transportation Department's priority to maintain infrastructure in a state of good repair and safety.

This project supports the following Strategic Goals:

- \* The Way We Move - Shift Edmonton's Transportation Mode

Citizens use public transit and active modes

The transportation system is integrated, safe and gives citizens many choices for their mode of movement

- \* The Way We Finance - Ensure Edmonton's Financial Sustainability

The City has well managed and sustainable assets and services.

- \* The Way We Green - Preserve & Sustain Edmonton's Environment

The impact of City operations on air, land and water systems is minimized

## OPERATING IMPACT

As a result of budget shortfall, the operating impact in 2012 will be \$918,707, but the operating impact for 2013 and 2014 is yet to be determined subject to a joint ETS/Fleet Services review scheduled for early 2012.

## CHANGES TO APPROVED PROFILE

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 4

PROFILE NAME: **Bus Fleet Replacement****FUNDED**PROFILE NUMBER: **12-66-1281**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	16,796	-	-	-	-	-	-	-	-	-	-	16,796
	2012 CBS Budget Adjustment	-12,852	-	-	-	-	-	-	-	-	-	-	-12,852
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,852	-	-	-	-	-	-	-	-	-	-	12,852
	2014 Cap Capital Budget Adj (one-off)	-5,050	-	-	-	-	-	-	-	-	-	-	-5,050
	2014 Cap Carry Forward	-90	90	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-472	-	-	-	-	-	-	-	-	-	-	-472
	2014 SCBA Transfers >\$250K<\$1M	-281	-	-	-	-	-	-	-	-	-	-	-281
	Current Approved Budget	10,902	90	-	-	-	-	-	-	-	-	-	10,992
	Approved Funding Sources												
	Fuel Rebate	4,012	-4,012	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	4,624	4,012	-	-	-	-	-	-	-	-	-	8,636
	Pay-As-You-Go	2,267	90	-	-	-	-	-	-	-	-	-	2,357
	Current Approved Funding Sources	10,902	90	-	-	-	-	-	-	-	-	-	10,992

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,902	90	-	-	-	-	-	-	-	-	-	10,992
	Requested Funding Source												
	Fuel Rebate	4,012	-4,012	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	4,624	4,012	-	-	-	-	-	-	-	-	-	8,636
	Pay-As-You-Go	2,267	90	-	-	-	-	-	-	-	-	-	2,357
	Requested Funding Source	10,902	90	-	-	-	-	-	-	-	-	-	10,992

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-843	90	-	-	-	-	-	-	-	-	-	-753
	Other Costs	11,746	-	-	-	-	-	-	-	-	-	-	11,746
	Vehicle Purchases	-	-	-	-	-	-	-	-	-	-	-	-
	Total	10,902	90	-	-	-	-	-	-	-	-	-	10,992

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **REPLACE LRT SIGNAL SYSTEM**  
 PROFILE: **12-66-1296**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,352</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,352</b>

**PROFILE DESCRIPTION**

This project provides funding for the upgrade of route selection logic and pedestrian crossing improvements at specific LRT intersections over the 2012-2015 periods. It will also provide for improved traffic signals /LRT signal interface at selected crossings.

The funded priorities for 2012-14 are:

- Replacement of swing gates at key intersections (Saddleback Road, 34 Ave, 37 Ave, 40 Ave, Whitemud, 51 Ave, 54 Ave, 57 Ave)

Major program needs for 2012-14 include:

- Replacement of pedestrian swing gates with active crossing protection at all intersections from Health Sciences to Century Park stations.
- Installation of LRT / traffic control system interface connections and logic changes to improve traffic coordination at all intersections from Health Sciences to Century Park.
- Install route selection logic to improve automatic turnback operations on the SLRT portion of the line.

**PROFILE JUSTIFICATION**

The current LRT signal system and Traffic Signals system are not interconnected at a number of intersections. This results in system failures to go undetected. An interconnection between the two systems will improve operation at grade crossings. An upgrade to the route selection logic will enable more flexible route selection and turnback of trains. Replacement of swing gates at critical pedestrian crossings with active crossing protection will improve safety at the crossings and improve the ability to remove snow at the crossing.

If the project is not funded, failures of traffic controllers will not be known by the LRT system which results in extended delays at grade crossings and higher potential for unsafe conditions developing. With upgrades on routing logic, more reliable operation can be achieved with LRT operations and improve the ability to initiate turnback operations. Active protection at pedestrian crossings will improve safety for pedestrians at crossings that have swing gates that do not close properly.

This project supports The Way We Move and the strategic goal of having well maintained transportation infrastructure.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Replace LRT Signal System****FUNDED**PROFILE NUMBER: **12-66-1296**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	1,352	-	-	-	-	-	-	-	-	-	-	1,352
	2012 CBS Budget Adjustment	-475	-	-	-	-	-	-	-	-	-	-	-475
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	475	-	-	-	-	-	-	-	-	-	-	475
	2014 Cap Carry Forward	-1,351	1,351	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	1	1,351	-	-	-	-	-	-	-	-	-	1,352
	Approved Funding Sources												
	Pay-As-You-Go	1	1,351	-	-	-	-	-	-	-	-	-	1,352
	Current Approved Funding Sources	1	1,351	-	-	-	-	-	-	-	-	-	1,352

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1	1,351	-	-	-	-	-	-	-	-	-	1,352
	Requested Funding Source												
	Pay-As-You-Go	1	1,351	-	-	-	-	-	-	-	-	-	1,352
	Requested Funding Source	1	1,351	-	-	-	-	-	-	-	-	-	1,352

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,351	1,351	-	-	-	-	-	-	-	-	-	-
	Other Costs	1,352	-	-	-	-	-	-	-	-	-	-	1,352
	Total	1	1,351	-	-	-	-	-	-	-	-	-	1,352

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FACILITIES RENEWAL**  
 PROFILE: **12-66-1410**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Charles Stolte**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>992</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>992</b>

**PROFILE DESCRIPTION****Scope:**

This project contains the funded capital portion for the core maintenance, rehabilitation and improvement of ETS bus terminals, bus shelters, dedicated bus control systems and operations/support areas. Specific elements and initiatives include the placement of accessible shelters on low floor bus routes, slab replacement for deteriorated bus ways at transit centres and rehabilitation of structures at Transit facilities and garages.

**Major planned projects in 2012 to 2014 include:**

- Repairs and replacement of deteriorated bus stop and shelter pads
- Ongoing accessibility modification to existing shelters
- Minor bus garage leasehold improvements
- Repairs to corroded, spalling and unstable concrete slabs at Transit Centres
- Refurbishing Northgate Transit Centre facility

**Other Major projects that will be impacted or deferred because of budget reductions:**

- Planned additions of accessible shelters on low floor bus routes will be minimized.
- Replacement of the coin counting equipment in the counting room will be deferred.
- Transit Centre replacement of deteriorated busway slabs and rehabilitation of Transit Centre structures will be deferred, including major rehabilitation of the following facilities:
  - Belvedere Transit Centre - Structure and Pavement
  - Inglewood Bus Loop pavement and operator washrooms
  - Highlands Bus Loop pavement and operator washrooms
  - Castledowns Transit Centre - Structure and Pavement

Only the most critical rehab work will be completed in 2012-14 (i.e. work required to correct safety concerns or required to prevent service disruption).

**Timelines:**

Depending on the project's detail scope of work, small project can be completed within a year. However, there are projects that require full project life cycle to get a better cost benefit analysis. Typical timelines: Yr 1: planning and initiation, Yr 2: concept and design, Yr 3: Implementation.

**Dependencies:**

No dependencies.

# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

Items in this composite project are remedial actions required to maintain the safety and operating efficiency, reliability and serviceability of the Bus Facilities and Equipment.

Without adequate funding, the following facility impacts are expected:

- Future repair costs for bus pads and stops will increase exponentially
- An increase in legal actions against the city due to deteriorated and failed infrastructure.
- Patrons with disabilities will continue to have major difficulties utilizing public transportation
- Operational costs will increase due to inefficiencies and loss of productivity
- Slab replacements and structural rehabilitation of bus facilities and busways are required to ensure continued serviceability of the assets.

Failure to repair or upgrade these facilities in a timely fashion places them at increase risk of failure potentially placing the public safety at risk, interrupting bus service, increasing fleet costs and increasing service interruption recovery costs. In some cases, failure could result in closure of the facility.

### Alignment:

This project supports Council's initiative to Shift Edmonton's Transportation Mode by encouraging citizens to use transit.

This project also supports the following Strategic Goals:

- \* The Way We Move - Shift Edmonton's Transportation Mode: Public transportation and active transportation modes are the preferred choice for more people making it possible for the transportation system to move more people more efficiently in fewer vehicles.
- \* The Way We Grow - Transform Edmonton's Urban Form: Edmonton has sustainable infrastructure that fosters and supports civic and community needs
- \* The Way We Finance - Preserve & Sustain Edmonton's Environment: The impact of City operations on air, land and water systems is minimized.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Bus Facilities Renewal****FUNDED**PROFILE NUMBER: **12-66-1410**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,373	-	-	-	-	-	-	-	-	-	-	2,373
	2012 CBS Budget Adjustment	-685	-	-	-	-	-	-	-	-	-	-	-685
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-515	-	-	-	-	-	-	-	-	-	-	-515
	2014 Cap Carry Forward	-218	218	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-181	-	-	-	-	-	-	-	-	-	-	-181
	Current Approved Budget	774	218	-	-	-	-	-	-	-	-	-	992
	Approved Funding Sources												
	Fuel Rebate	576	-	-	-	-	-	-	-	-	-	-	576
APPROVED FUNDING SOURCES	Pay-As-You-Go	198	218	-	-	-	-	-	-	-	-	-	416
	Current Approved Funding Sources	774	218	-	-	-	-	-	-	-	-	-	992

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	774	218	-	-	-	-	-	-	-	-	-	992
	Requested Funding Source												
	Fuel Rebate	576	-	-	-	-	-	-	-	-	-	-	576
	Pay-As-You-Go	198	218	-	-	-	-	-	-	-	-	-	416
	Requested Funding Source	774	218	-	-	-	-	-	-	-	-	-	992

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-399	218	-	-	-	-	-	-	-	-	-	-181
	Other Costs	1,173	-	-	-	-	-	-	-	-	-	-	1,173
	Total	774	218	-	-	-	-	-	-	-	-	-	992

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WESTWOOD TRANSIT GARAGE REPLACEMENT**  
 PROFILE: **12-66-1413**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Charles Stolte**

LEAD BRANCH MANAGER: **Charles Stolte**

ESTIMATED START: **January, 2012**

ESTIMATED COMPLETION: **December, 2017**

Service Category: **Public Transit**

Major Initiative:

**GROWTH**

**10**

**RENEWAL**

**90**

PREVIOUSLY APPROVED:

**200,948**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**200,948**

**PROFILE DESCRIPTION**

This project includes construction and equipment for a new transit garage to replace the existing Westwood facility. The replacement facility pricing is based on housing and maintaining a similar capacity of transit fleet of 300 buses which is currently held at the Westwood Transit Garage. The new facility is planned to be operational by 2018.

Land has been purchased for the site in the northeast section of the city and preliminary design has been completed. The base cost estimate included in this profile of \$181.6M is for construction a 300 bus transit garage with facilities to replace the maintenance functions at the existing Westwood garage. The new garage also includes additional workspace to deal with overcrowding issues and best optimize resources among the ETS transit garages.

**PROFILE BACKGROUND**

The Westwood Garage will be at the end of its life by 2018. A new facility is required in the NE to replace Westwood Garage.

**PROFILE JUSTIFICATION**

The existing Westwood transit garage is at the end of its service life and is experiencing numerous operational challenges related to facility and fleet maintenance, fueling, cleaning, and service delivery. In addition to offering modern design features to optimize efficiency in these areas, a replacement transit garage is deemed more economically attractive than the alternative of extending the life cycle of the existing Westwood garage. This fact is largely due to the impending land requirements at the existing site; with implications for both NAIT and the Blatchford development, it makes more economic sense to build a new garage now than to continue to extend the life of the existing facility only to build a new garage in the near future.

**STRATEGIC ALIGNMENT**

The profile aligns with The Way we Move by supporting a shift in Edmonton's transportation mode and The Way we Green through reducing impacts on air, land and water systems.

**ALTERNATIVES CONSIDERED**

Rehabilitation of the Westwood Garage was considered as part of the 2012-2014 Capital Plan but ruled out as a viable, cost efficient alternative.

**COST BENEFITS**

Constructing a new garage provides better long term value (both return on investment and operationally) than rehabilitating the Westwood Garage. Cost savings of \$600k are expected due to more efficient maintenance and lower utilities.

**KEY RISKS & MITIGATING STRATEGY**

Deferral of the NE transit garage will require significant rehabilitation of the existing Westwood garage to keep the building operational beyond the end of 2017. The building is currently only being maintained to a "run down" condition.

**RESOURCES**

The project will be managed by Community Services Building and Landscape Services.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Construction a new NE bus garage as a replacement for Westwood Garage is recommended. A new garage provides a better return on investment as compared to maintaining operations at Westwood, especially given future plans for the existing Westwood site.

## CONTINGENCY OF APPROVAL

Business Case for Workspace Enhancements – Westwood Garage Replacement - Transportation Svcs.  
December 11, 2014 - City Council Meeting

That Capital Profile Westwood Transit Garage Replacement #12-66-1413 increase by \$5.13 million to fund contemporary workspace enhancements with funding from debt, with the expenditure of funds subject to the Transportation Services report to Committee on the Business Case for Workspace Enhancements - Westwood Garage Replacement, brought back to Committee.

Due By: Apr. 22, 2015 Transportation Committee

Contingency met: dd/mm/yyyy

## CHANGES TO APPROVED PROFILE

Capital Budget Amendment number CAP #18 - Approved December 10, 2014

An additional approval to this profile costs of \$5.13 million which provides enhancements including provisions for onsite daycare for working parents that operate out of the garage, city employees and potentially the public. Informal meeting area / concession would provide opportunities for staff collaboration while ensuring staff have access to a modest selection of healthy food. Also an onsite River City Credit Union provides various financial products to all city employees; the intended space would replace the existing branch at Westwood.

Capital Budget Adjustment number CBA-2015-00011 - for Council Approval

This Capital Budget adjustment will reduce the additional profile costs approved in Capital Budget Amendment number CAP#18. The change of scope is from a commercial kitchen to a concession and results in a cost reduction of \$570,000. Per Council report CR\_1810\_Attachment 1.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Westwood Transit Garage Replacement****FUNDED**PROFILE NUMBER: **12-66-1413**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-53,500	19,000	13,500	-	-	-	-	-	-	-	-	-21,000
	2012 CBS Budget Adjustment	-9,209	-	-	-	-	-	-	-	-	-	-	-9,209
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	77,469	-19,000	-13,500	-	-	-	-	-	-	-	-	44,969
	2014 Cap Budget Request for Next Cycle	-	55,963	56,593	74,202	-	-	-	-	-	-	-	186,758
	2014 Cap Carry Forward	-6,183	6,183	-	-	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	-570	-	-	-	-	-	-	-	-	-	-570
	Current Approved Budget	8,577	61,576	56,593	74,202	-	-	-	-	-	-	-	200,948
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	8,316	5,186	-	-	-	-	-	-	-	-	-	13,502
	Pay-As-You-Go	260	482	57	119	-	-	-	-	-	-	-	918
	Tax-Supported Debt	-	55,908	56,536	74,083	-	-	-	-	-	-	-	186,527
	Current Approved Funding Sources	8,577	61,576	56,593	74,202	-	-	-	-	-	-	-	200,948

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,577	61,576	56,593	74,202	-	-	-	-	-	-	-	200,948
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	8,316	5,186	-	-	-	-	-	-	-	-	-	13,502
	Pay-As-You-Go	260	482	57	119	-	-	-	-	-	-	-	918
	Tax-Supported Debt	-	55,908	56,536	74,083	-	-	-	-	-	-	-	186,527
	Requested Funding Source	8,577	61,576	56,593	74,202	-	-	-	-	-	-	-	200,948

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-6,183	59,975	56,536	74,133	-	-	-	-	-	-	-	184,461
	Design	-	1,547	-	-	-	-	-	-	-	-	-	1,547
	Other Costs	14,760	-	-	-	-	-	-	-	-	-	-	14,760
	Percent for Art	-	54	57	69	-	-	-	-	-	-	-	180
	Total	8,577	61,576	56,593	74,202	-	-	-	-	-	-	-	200,948

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Utilities

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Transit	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	600	600	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT SMART FARE SYSTEM (SMART CARD)**  
 PROFILE: **13-66-1294**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Service Enhancements**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH	RENEWAL
90	10

PREVIOUSLY APPROVED:	42,219
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	42,219
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**PROFILE DESCRIPTION**

The Smart Fare initiative will undertake the necessary steps to procure and deploy an account based, open payment electronic fare system that will scale to accommodate the size and scope of the region and provide Edmonton Transit and its regional transit partners the ability to introduce innovative fare policy options.

The requirements gathering, currently underway, and procurement will require approximately one to 1.5 years to complete. It is anticipated that the Smart Fare initiative will be implemented in two years following the selection of a preferred Smart Fare vendor.

Much of the on-board equipment and communications infrastructure that supports Smart Fare will also support a potential future Smart Bus initiative (11-66-1293).

**PROFILE BACKGROUND**

ETS has seen significant growth in recent years and the capacity to accommodate continued growth is constrained by the limitations of the current fare collection system. In 2013 ETS sold over 8 million tickets, 60,000 U-Passes and 900,000 other types of passes. All are individually bar-coded and manually tracked and reconciled throughout the production, distribution and sales cycle. As ridership grows, this manual process is increasingly expensive. The manual fare system constrains Transit's ability to manage fares efficiently.

\$7 million was approved in the 2012-14 capital budget cycle to undertake the ground work for a regional smart fare system. Both Strathcona and St. Albert councils have approved motions to participate in the Smart Fare program. The current proposal would see Edmonton apply for GreenTRIP funding for 2/3 of the project costs, including St. Albert and Strathcona. A tri-party agreement would ensure an equitable distribution of the non-GreenTRIP funding.

**PROFILE JUSTIFICATION**

Smart Fare enables Transit to efficiently manage transit fare products by reducing / eliminating paper products, reducing the use of cash, easily introduce new fare products and reduce fare evasion.

Transit riders will use electronic account based products that are accessed through the use of a contactless card. Using this card, the Smart Fare initiative will allow transit riders to load / purchase additional fare products electronically and immediately ride the transit system. Similarly, if a rider loses their card, they will be able to disable it and assign a replacement card in real time / near real-time. Transit riders will be able to use Smart Fare to travel across the Capital Region, using one fare media.

The other Capital Region public transit agencies support the introduction of Smart Fare. This innovation is one of the top priorities defined by the Capital Region Board as part of the regional transit network program.

Each transit agency has unique characteristics depending on the nature of their operations. For example, both St. Albert and Strathcona operations have a much greater proportion of their service focused on regional and intermunicipal service and consequently they rely much more on interlining routes. Therefore, GPS and on-bus technology needs are much greater for their fleet as they implement Smart Fare and as a result their costs on a per-bus basis is greater than that for ETS.

**STRATEGIC ALIGNMENT**

Project allows ETS to:

- meet policy directions set out in the City Transportation Master Plan, with respect to achieving a modal shift to transit
- achieve the goals stated by the Capital Region Board for improving inter-municipal transit service

**ALTERNATIVES CONSIDERED**

Implementation alternatives were assessed with respect to a sequential (phased-in) approach as well as a parallel (accelerated) approach in conjunction with Smart Bus.

The primary alternatives that were assessed for fare collection systems are:

- Smart Fare - using an account based system
- Smart Fare - using a card based system
- using existing cash a pass based system



# CAPITAL PROFILE REPORT

Profile Page 2

## COST BENEFITS

Measurable tangible benefits are expected with reduced fare evasion, reduced fare sale and distribution costs, reduced fare media production, reduced commission fees, reduced cash handling costs, and reduced administration, marketing, and research costs. Intangible benefits are expected with reduced fare disputes, better data to support service planning and marketing improved fare policy flexibility, and improved customer experience.

## KEY RISKS & MITIGATING STRATEGY

The primary risks involve uncertainty in entering a partnership model, ensuring fare autonomy, public acceptance of fare policy changes, as well as legislative privacy concerns.

## RESOURCES

The project will involve coordination between internal and external resources. Specific allocation of responsibility between external and internal resources will be dependent on the results of the RFP.

## CONCLUSIONS AND RECOMMENDATIONS

Administration recommends the implementation of an account based smart faring solution.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Transit Smart Fare System (Smart Card)****FUNDED**PROFILE NUMBER: **13-66-1294**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,000	3,000	-	-	-	-	-	-	-	-	-	7,000
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	3,500	14,696	9,004	8,019	-	-	-	-	-	-	35,219
	2014 Cap Carry Forward	599	-599	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	4,599	5,901	14,696	9,004	8,019	-	-	-	-	-	-	42,219
	Approved Funding Sources												
	Alberta Community Partnership - ACP	-	520	4,949	-	-	-	-	-	-	-	-	5,469
	Green-trip	-	1,150	9,575	8,885	7,900	-	-	-	-	-	-	27,510
	Munc Sustain. Initiative - MSI	4,347	-	172	119	119	-	-	-	-	-	-	4,757
	Partnership Funding	-	2,350	-	-	-	-	-	-	-	-	-	2,350
	Pay-As-You-Go	252	1,881	-	-	-	-	-	-	-	-	-	2,133
	Current Approved Funding Sources	4,599	5,901	14,696	9,004	8,019	-	-	-	-	-	-	42,219

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,599	5,901	14,696	9,004	8,019	-	-	-	-	-	-	42,219
	Requested Funding Source												
	Alberta Community Partnership - ACP	-	520	4,949	-	-	-	-	-	-	-	-	5,469
	Green-trip	-	1,150	9,575	8,885	7,900	-	-	-	-	-	-	27,510
	Munc Sustain. Initiative - MSI	4,347	-	172	119	119	-	-	-	-	-	-	4,757
	Partnership Funding	-	2,350	-	-	-	-	-	-	-	-	-	2,350
	Pay-As-You-Go	252	1,881	-	-	-	-	-	-	-	-	-	2,133
	Requested Funding Source	4,599	5,901	14,696	9,004	8,019	-	-	-	-	-	-	42,219

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Design	-	1,260	5,575	3,239	2,885	-	-	-	-	-	-	12,959
	Equip FurnFixt	599	1,641	9,121	5,765	5,134	-	-	-	-	-	-	22,260
	Other Costs	4,000	3,000	-	-	-	-	-	-	-	-	-	7,000
	Total	4,599	5,901	14,696	9,004	8,019	-	-	-	-	-	-	42,219

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Personnel, Revenue, Utilities

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	2,129	2,129	-	-	2,421	2,421	-	-	-	-	-	-	-	-	-
Edmonton Transit	-	4,792	4,792	-	2,400	-3,131	-5,531	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	6,921	6,921	-	2,400	-710	-3,110	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ETS RADIO SYSTEMS REPLACEMENT**  
 PROFILE: **15-66-3004**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category: Public Transit		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,301</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,301</b>

**PROFILE DESCRIPTION**

Replacement of the ETS and DATS voice radio system and mobile and portable radios.

**PROFILE BACKGROUND**

The two way radio system that ETS currently uses to communicate with buses, LRT and other personnel is the same one used by Police and Fire. This system has exceeded its lifespan and is approaching failure condition. The replacement and upgrade of the system is of critical importance for the functionality of all city departments, including ETS, that depend on this communication system.

**PROFILE JUSTIFICATION**

Life cycle replacement is required to keep the voice communication system in a reliable state. In addition, EPS and Fire are migrating to a new radio system (AFRRCS) and ETS and DATS need to be on the same system to be part of a unified City wide radio system.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by maintaining and improving operational efficiency and safety of Edmonton Transit System.

**ALTERNATIVES CONSIDERED**

Replacement and upgrade of the radio system and equipment is required to maintain reliability and serviceability. The alternative approach would be to take over operation of the current radio system from Police. This will have a large impact on the operating budget as the entire ~\$900,000 yearly budget (of which transit contributes a portion of) would have to be incorporated into the ETS communications budget and increased as appropriate. In addition, a least one FTE would be required to administer the system for ETS.

As the system gets older and parts become harder and harder to find, it will become nearly impossible to maintain the current system in a reliable manner that will server the needs of ETS.

**COST BENEFITS**

Costs are based on cost experience for previous similar work.

Tangible benefits include lower maintenance costs due to fewer service calls and increased reliability and serviceability of the radio system and equipment.

Intangible benefits include improvements in Transit operational efficiency, improved safety with the implementation of an upgraded system and newer technology that will serve ETS for many years to come.

**KEY RISKS & MITIGATING STRATEGY**

Risks include: Costs of good and services increase at higher rate than projected and the City's available internal resources are not sufficient to manage the work.

**RESOURCES**

LRT Communication's Group and DATS will be managing the project. The project may require external contractors or may be sole sourced to a particular vendor.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this profile be approved to replace and upgrade the radio system and equipment.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ETS Radio Systems Replacement****FUNDED**PROFILE NUMBER: **15-66-3004**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301
	Current Approved Budget	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,225	1,879	1,914	655	-	-	-	-	-	-	5,673
	Pay-As-You-Go	-	139	208	212	68	-	-	-	-	-	-	627
	Current Approved Funding Sources	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,225	1,879	1,914	655	-	-	-	-	-	-	5,673
	Pay-As-You-Go	-	139	208	212	68	-	-	-	-	-	-	627
	Requested Funding Source	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,023	313	319	108	-	-	-	-	-	-	1,763
	Design	-	341	-	-	-	-	-	-	-	-	-	341
	Equip FurnFixt	-	-	1,774	1,808	616	-	-	-	-	-	-	4,197
	Total	-	1,364	2,087	2,126	724	-	-	-	-	-	-	6,301

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment

Branch:	2018				2019				2020				2021			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Transit	-	-5	-5	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	-5	-5	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	LAW COURTS PEDWAY CONNECTION LEAKAGE REPAIRS	<b>FUNDED</b>
PROFILE	15-66-3204	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Edmonton Transit	PROFILE MANAGER: Charles Stolte
PROGRAM NAME:	LRT Facilities and Equipment	LEAD BRANCH MANAGER: Charles Stolte
LEAD BRANCH:	Edmonton Transit	ESTIMATED START: January, 2014
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2016

Service Category:	Public Transit	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	3,305
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	3,305

**PROFILE DESCRIPTION**

Repairs to the pedway system linking the Law Courts and Churchill Station (located above the LRT tunnels) to address water leakage. Total budget required is not yet known.

**PROFILE BACKGROUND**

The LRT tunnel north of Churchill Station includes a pedway link connecting Churchill station and Brownlee Building operated by the Province. The Province has experienced water leakage inside the pedway and has advised the City to make repairs.

**PROFILE JUSTIFICATION**

The Province's pedway is located within the cut and cover LRT tunnel structure downtown. CoE received a letter from the Province directing the City to make repairs. CoE Law Branch concurs CoE is responsible for maintaining the tunnel structure. The Province is responsible only for maintaining the pedway fit up.

**STRATEGIC ALIGNMENT**

The tunnel structure is a city asset. Well-maintained infrastructure is a strategic goal within the Way We Move.

**ALTERNATIVES CONSIDERED**

Various alternatives were looked at as part of the waterproofing design for Churchill and Central LRT stations. The only viable alternative was to replace of the road deck and install a waterproofing membrane above the structure.

**COST BENEFITS**

Benefits include:

- a) rehabilitated tunnel roof structure (extending the useful life of the tunnel and pedway)
- b) a new roadway structure (extending the useful life of the road as a bridge structure over the pedway)

Costs: the estimated cost is \$3.305m based on the experience for Churchill and Central waterproofing work. Refined cost estimates will be developed during the design phase.

**KEY RISKS & MITIGATING STRATEGY**

Deferral of work will result in higher future repairs scope/costs and future impacts to the RAM site. If the extent of structural damage discovered upon removal of the road greater than expected, higher repair costs and a delays may result.

**RESOURCES**

The project could be managed either by Roadways Design & Construction or by LRT Design and Construction. The work under the RAM could be done by the RAM contractor; the work under 103A Ave and 97 Street would be tendered.

**CONCLUSIONS AND RECOMMENDATIONS**

Given the Province's position that the City must address the leakage problems, the degraded condition of the pedway structure and the construction schedules for the RAM and Galleria, it's recommended that funds for the Law Courts repairs be approved.

**CHANGES TO APPROVED PROFILE**

#15-48: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Law Courts Pedway Connection Leakage Repairs****FUNDED**PROFILE NUMBER: **15-66-3204**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Capital Budget Adj (one-off)	1,500	-	-	-	-	-	-	-	-	-	-	1,500
	2014 Cap Carry Forward	-1,722	1,722	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,100	675	30	-	-	-	-	-	-	-	-	1,805
	Current Approved Budget	878	2,397	30	-	-	-	-	-	-	-	-	3,305
	Approved Funding Sources												
	Fuel Rebate	1,500	-1,500	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	-706	3,631	30	-	-	-	-	-	-	-	-	2,955
	Pay-As-You-Go	84	266	-	-	-	-	-	-	-	-	-	350
	Current Approved Funding Sources	878	2,397	30	-	-	-	-	-	-	-	-	3,305

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	878	2,397	30	-	-	-	-	-	-	-	-	3,305
	Requested Funding Source												
	Fuel Rebate	1,500	-1,500	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	-706	3,631	30	-	-	-	-	-	-	-	-	2,955
	Pay-As-You-Go	84	266	-	-	-	-	-	-	-	-	-	350
	Requested Funding Source	878	2,397	30	-	-	-	-	-	-	-	-	3,305

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	878	2,397	30	-	-	-	-	-	-	-	-	3,305
	Total	878	2,397	30	-	-	-	-	-	-	-	-	3,305

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BELVEDERE TRANSIT CENTRE BUSWAY RENEWAL**  
 PROFILE: **15-66-3502**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	3,075
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,075
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**PROFILE DESCRIPTION**

This profile includes replacement of the existing Belvedere Transit Centre busway (road pavement). The design work for the busway replacement was completed in 2013.

**PROFILE BACKGROUND**

The Belvedere Transit Centre Busway (road pavement) has reached the end of its useful life; it is beyond repair and requires replacement.

The Transit Centre Building is also near the end of its useful life and also requires replacement. However, in order to balance the Transit's large portfolio of assets, assessing risk and determining the highest need of investment the design and construction can be deferred to the next capital cycle.

It is recommended that funding be approved to replace the Belvedere's Busway only.

**PROFILE JUSTIFICATION**

Belvedere Transit Centre was constructed in 1983. The busway is beyond repair and requires replacement. The building is also at the end of its useful life and no longer meets the needs of Transit passengers in terms of capacity and public washroom.

**STRATEGIC ALIGNMENT**

The Way Ahead, City of Edmonton Strategic Plan - Improve Edmonton's Livability.

The Way We Move, City of Edmonton's Transportation Master Plan: Enhancing transit safety and security measures.

**ALTERNATIVES CONSIDERED**

Three alternatives were considered:

1. Defer the renewal.
2. Stage the renewal of the building structure and the busway pavement in separate capital cycles.
3. Coordinate the building structure and busway pavement renewal together as one project.

Alternative 2 is recommended in this profile.

**COST BENEFITS**

The profile cost estimate is +/- 30% accurate based at the preliminary design stage. Refined cost estimates will be developed during the pre-tender phase.

**KEY RISKS & MITIGATING STRATEGY**

Deferral of work - will continue with ongoing maintenance but maintenance costs will significantly increase.

Funding not sufficient - will scale back project scope

**RESOURCES**

Community Services Project Management will manage the design and construction of the transit centre and the park and ride lot. Community Services Project Management have the experience with similar scope with this type of construction projects.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that funding be approved to replace the busway as it is beyond repair. Although the TC building is nearing the end of its useful life, sufficient funding is not available through the RIMS allocation to replace it at this time.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Belvedere Transit Centre Busway Renewal****FUNDED**PROFILE NUMBER: **15-66-3502**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	25	3,050	-	-	-	-	-	-	-	-	3,075
	Current Approved Budget	-	25	3,050	-	-	-	-	-	-	-	-	3,075
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	25	2,743	-	-	-	-	-	-	-	-	2,768
	Pay-As-You-Go	-	-	307	-	-	-	-	-	-	-	-	307
	Current Approved Funding Sources	-	25	3,050	-	-	-	-	-	-	-	-	3,075

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	25	3,050	-	-	-	-	-	-	-	-	3,075
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	25	2,743	-	-	-	-	-	-	-	-	2,768
	Pay-As-You-Go	-	-	307	-	-	-	-	-	-	-	-	307
	Requested Funding Source	-	25	3,050	-	-	-	-	-	-	-	-	3,075

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,050	-	-	-	-	-	-	-	-	3,050
	Design	-	25	-	-	-	-	-	-	-	-	-	25
	Total	-	25	3,050	-	-	-	-	-	-	-	-	3,075

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WEST EDMONTON MALL TRANSIT CENTRE RENEWAL**  
 PROFILE: **15-66-3504**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	3,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,000
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**PROFILE DESCRIPTION**

This profile includes replacement of the existing West Edmonton Mall (WEM) Transit Centre building and busway (road pavement).

**PROFILE BACKGROUND**

The West Edmonton Mall (WEM) Transit Centre building is at the end of its useful life and no longer meets the need of Transit passengers in terms of capacity and public washrooms.

The Transit Centre Busway is also near the end of its useful life and also requires replacement. However, in order to balance Transit's large portfolio of assets, assessing risk and determining the highest need of investment the design and construction can be deferred to the next capital cycle.

It is recommended that funding be approved to replace the West Edmonton Mall (WEM) Transit Centre building only.

Note - As a result of 2015-18 council budget deliberations, funding is contingent on Administration providing a report to council outlining various options for the replacement of the Transit Centre.

**PROFILE JUSTIFICATION**

The WEM Transit Centre was constructed in 1981. The building and busway is at the end of its useful life and no longer meets the needs of Transit passengers in terms of capacity and public washrooms.

**STRATEGIC ALIGNMENT**

The Way Ahead, City of Edmonton Strategic Plan - Improve Edmonton's Livability.

The Way We Move, City of Edmonton's Transportation Master Plan: Enhancing transit safety and security measures.

**ALTERNATIVES CONSIDERED**

Three alternatives were considered:

1. Defer the renewal
2. Stage the renewal of the building structure and the busway pavement in separate capital cycles
3. Coordinate the building structure and busway pavement renewal together as one project

Alternative 2 is proposed in this profile.

**COST BENEFITS**

Tangible Benefits:

- Improved transit user's access and egress
- Improved station safety and security
- Improved weather protection

Intangible Benefits:

- Presentable transit centre for tourist
- Will promote Transit use as the preferred mode of transportation
- Improved access to WEM Mall

Costs

The profile cost is +/- 50% accurate based on preliminary estimate. Refined cost estimates will be developed during the design phase.

**KEY RISKS & MITIGATING STRATEGY**

Deferral of work - will continue with ongoing maintenance but maintenance costs will significantly increase.

Funding not sufficient - will scale back project scope; may require deletion of public washrooms and other customer amenities

# CAPITAL PROFILE REPORT

## RESOURCES

Community Services Project Management will manage the design and construction of the transit centre and the park and ride lot. Community Services Project Management have the experience with similar scope with this type of construction projects.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that the funding be approved to replace the Transit Centre Building only. Although the Busway is also at nearing the end of its useful life, sufficient funding is not available through the RIMS allocation to replace it at this time.

## CONTINGENCY OF APPROVAL

West Edmonton Mall Transit Centre - Options for Temporary Enhancement, Refurbishment or Renewal  
December 11, 2014 - City Council Meeting

That expenditure of the funds in Capital Profile West Edmonton Mall Transit Centre 15-66-3504 be subject to a report to Committee with options for temporary enhancement, refurbishment or full renewal of the transit centre, including consideration of implications of timing for expansion of the LRT.

Due By: Mar. 25, 2015 Transportation Committee

Contingency met: dd/mm/yyyy

## CHANGES TO APPROVED PROFILE

April 28, 2015 CA#2: Refer to report CR-1978

Given the uncertainties of the Valley Line and its alignment at West Edmonton Mall, the recommendation of the original capital profile submission was revisited. Refurbishing the transit centre addresses the deficiencies in the current structure and allows for multiple improvements in the building that will lead to improved customer satisfaction. Refurbishment is better value as opposed to a full rebuild as changes to the current alignment and connection point could put the full renewal expenditure in the present location at risk. The revised budget releases \$1.4 million of funding from the approved \$4.4 million, resulting in a revised Total Profile Budget of \$3 million.

If approved, this would result in a reduction of the annual operating impacts starting in 2017 from \$35,000 to \$5,000.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **West Edmonton Mall Transit Centre Renewal****FUNDED**PROFILE NUMBER: **15-66-3504**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	404	3,997	-	-	-	-	-	-	-	-	4,400
	2015 Cap Capital Budget Adj (one-off)	-	-128	-1,272	-	-	-	-	-	-	-	-	-1,400
	Current Approved Budget	-	276	2,725	-	-	-	-	-	-	-	-	3,000
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	236	2,313	-	-	-	-	-	-	-	-	2,549
	Pay-As-You-Go	-	40	412	-	-	-	-	-	-	-	-	451
	Current Approved Funding Sources	-	276	2,725	-	-	-	-	-	-	-	-	3,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	276	2,725	-	-	-	-	-	-	-	-	3,000
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	236	2,313	-	-	-	-	-	-	-	-	2,549
	Pay-As-You-Go	-	40	412	-	-	-	-	-	-	-	-	451
	Requested Funding Source	-	276	2,725	-	-	-	-	-	-	-	-	3,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	2,725	-	-	-	-	-	-	-	-	2,725
	Design	-	276	-	-	-	-	-	-	-	-	-	276
	Total	-	276	2,725	-	-	-	-	-	-	-	-	3,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment, Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Transit	-	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HERITAGE VALLEY PARK AND RIDE**  
 PROFILE: **16-66-7006**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Heritage Valley Park and Ride**  
 LEAD BRANCH: **LRT Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2016
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Service Category:	Public Transit	Major Initiative:	LRT Expansion
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	2,000
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	2,000

**PROFILE DESCRIPTION**

This profile is for the design and construction of Heritage Valley Park and Ride. Heritage Valley is the planned site of an LRT station on the future Capital Line extension. The land and design was previously approved under 16-66-7006 and the construction was considered in a separate profile under 18-66-3514. The two existing profiles are combined as 16-66-7006 Heritage Valley Park & Ride with a total budget of \$22.22 million.

Building the Heritage Valley Park and Ride will accommodate the growth requirements of Heritage Valley Neighbourhoods, promote regional transit and replace the leased park and ride at Century Park Transit Centre and LRT station.

As a result of 2015-18 capital budget deliberations, city council directed that this profile be amended to include \$2M to fund the design of the park and ride in the 2015-18 capital budget cycle. Funding is contingent upon Administration providing a report to council on options for the Century Park park and ride.

**PROFILE BACKGROUND**

The development of Transit Facilities at Heritage Valley is required to meet the rapid development of communities at Heritage Valley neighborhood. It warrants the demand to build the Transit Centre and Park and Ride lot. It will also serve the satellite communities and support to the surrounding local businesses.

Land is needed from the Province for the proposed transit centre and park and ride and for the ultimate LRT station and operation and maintenance facility. This profile includes land, design and construction for the transit centre and the park and ride.

This project will also replace the leased Century Park and Ride Lot. The current lease agreement will expire in March, 2015 with an option to renew for up to an additional 5 years to March 2020. It is unlikely however that the developer will agree to an extension beyond March, 2020.

The existing City owned parking lot at Century Park is also under capacity.

**PROFILE JUSTIFICATION**

There are various reasons for implementing the Heritage Valley Park and Ride, they are as follows:

1. It will accommodate the growth requirements of Heritage Valley Neighbourhoods
2. It will promote regional transit
3. It will replace the leased park and ride lot at Century Park Transit Centre
4. It will alleviate the under capacity park and ride lot that the City owned at Century Park
5. It supports the City's Strategic Goals and Alignment

**STRATEGIC ALIGNMENT**

The City's strategic vision calls for a more compact, livable and sustainable city, where people have an opportunity and choose to use alternate transportation modes. Expanding the bus network is one of the ways to meet these objectives.

**ALTERNATIVES CONSIDERED**

1. Renew the lease agreement at Century Park
2. Increase the parking capacity at Century Park by constructing the parkade building (Profile #17-66-3512)
3. Stage the Transit Centre and Park 'n Ride construction
4. Engage in a Public-private partnerships (P3s) program
5. Defer the design and construction- do nothing

Item 3 is the recommended alternative.

# CAPITAL PROFILE REPORT

## COST BENEFITS

### Tangible Benefits:

Retains parking for Transit customers

### Intangible Benefits:

Will provide easy access to the LRT and Bus Transit service from Heritage Valley and the regional area south of Edmonton

Will promote Transit use

The profile cost estimate is +/- 50% accurate based at the preliminary design stage. Refined cost estimates will be developed during the design phase.

## KEY RISKS & MITIGATING STRATEGY

Funding not approved/deferred - The leased parking lot at Century Park will end by 2020 and without replacement public parking being made available will result in a reduction in Transit use.

## RESOURCES

The design and construction will be managed by LRT Design and Construction or by Community Services Project Management Section.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended to design the Heritage Valley Transit Centre and the Park and Ride to accommodate the growth at Heritage Valley Area, promote regional transit and replace the leased parking lot at Century Park TC.

## CONTINGENCY OF APPROVAL

Heritage Valley – Transit Centre- Park and Ride Options – Park and Ride Strategy  
December 11, 2014 - City Council Meeting

That Capital Profile S-LRT Heritage Valley - Transit Centre - Park and Ride #16-66-7006 be added and funded in the amount of \$2 million to fund design of the park and ride facility, with funding from an increase in use of Pay-As-You-Go, and that the expenditure of funds be subject to the Century Park Site Park and Ride Options report and the Park and Ride Strategy report to Council through Transportation Committee.

Due By: Feb. 25, 2015 Transportation Committee

Contingency met: dd/mm/yyyy

## CHANGES TO APPROVED PROFILE

The original capital profile submission was revisited and it is recommended to combine the two profiles.

Previously approved capital profile # 16-66-7006 for capital line LRT Heritage Valley Park and Ride Land & Design \$2 million would be combined with capital profile 18-66-3514 SLRT Heritage Valley - Transit Centre & Park and Ride Construction \$20.22 million. If approved, the new capital profile number would be 16-66-7006 Heritage Valley Park & Ride with a total approved budget of \$22.22 million.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Heritage Valley Park and Ride****FUNDED**PROFILE NUMBER: **16-66-7006**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Current Approved Budget	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Pay-As-You-Go	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Current Approved Funding Sources	-	1,200	800	-	-	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Pay-As-You-Go	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source	-	1,200	800	-	-	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	1,200	800	-	-	-	-	-	-	-	-	2,000
	Total	-	1,200	800	-	-	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	<b>CAPITAL LINE LRT HERITAGE VALLEY PARK AND RIDE CONSTRUCTION</b>	<b>FUNDED</b>
PROFILE	<b>18-66-3514</b>	<b>PROFILE STAGE: Post Budget Approval</b>
DEPARTMENT:	<b>Transportation Services</b>	<b>PROFILE TYPE: Standalone</b>
BRANCH:	<b>Edmonton Transit</b>	PROFILE MANAGER: <b>Charles Stolte</b>
PROGRAM NAME:	<b>Heritage Valley Park and Ride</b>	LEAD BRANCH MANAGER: <b>Charles Stolte</b>
LEAD BRANCH:	<b>LRT Design &amp; Construction</b>	ESTIMATED START: <b>January, 2018</b>
BUDGET CYCLE:	<b>2015-2018 run for 2015</b>	ESTIMATED COMPLETION: <b>December, 2019</b>

<b>Service Category:</b>	<b>Public Transit</b>	<b>Major Initiative:</b>	<b>LRT Expansion</b>
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,215</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,215</b>

**PROFILE DESCRIPTION**

This profile is for the construction of Heritage Valley Transit Centre and first stage Park and Ride Lot. Heritage Valley is the planned site of an LRT station on the future Capital Line extension. The Land acquisition and the design is included in a separate profile 16-66-7006.

Building the Heritage Valley Transit Centre and the first stage of the Park and Ride Lot will accommodate the growth requirements of Heritage Valley Neighbourhoods, promote regional transit and replacement of the leased park and ride at Century Park Transit Centre and LRT station.

**PROFILE BACKGROUND**

The construction of Transit Facilities at Heritage Valley is required to meet the rapid development of communities at Heritage Valley neighborhood. It warrants the demand to build the Transit Centre and first stage Park and Ride Lot. It will also serve the satellite communities and support to the surrounding local businesses.

This project will also replace the leased Century Park and Ride Lot. The current lease agreement will expire in March, 2015 with an option to renew for up to an additional 5 years to March 2020. It is unlikely however that the developer will agree to an extension beyond March, 2020.

The existing City owned parking lot at Century Park is also under capacity.

As a result of 2015-18 capital budget deliberations, funding of \$6,771M was approved contingent upon a report from Administration regarding options for a Century Park site park and ride. The remainder of the funding is to come from partnership funding sources.

**PROFILE JUSTIFICATION**

There are various reasons for implementing the Heritage Valley Transit Centre and Park and Ride Lot they are as follows:

1. It will accommodate the growth requirements of Heritage Valley Neighbourhoods
2. It will promote regional transit
3. It will replace the leased park and ride lot at Century Park Transit Centre
4. It will alleviate the under capacity park and ride lot that the City owned at Century Park
5. It supports the City's Strategic Goals and Alignment

**STRATEGIC ALIGNMENT**

The City's strategic vision calls for a more compact, livable and sustainable city, where people have an opportunity and choose to use alternate transportation modes. Expanding the bus network is one of the ways to meet these objectives.

**ALTERNATIVES CONSIDERED**

1. Renew the lease agreement at Century Park
2. Increase the parking capacity at Century Park by constructing the parkade building (Profile #17-66-3512)
3. Stage the Transit Centre and Park 'n Ride construction
4. Engage in a Public-private partnerships (P3s) program
5. Defer the design and construction- do nothing

Item 3 is the recommended alternative.

**COST BENEFITS**

Tangible Benefits:  
Retains parking for Transit customers

Intangible Benefits:  
Will provide easy access to the LRT and Bus Transit service from Heritage Valley and the regional area south of Edmonton  
Will promote Transit use

The profile cost estimate is +/- 50% accurate based at the preliminary design stage. Refined cost estimates will be developed during the design phase.

# CAPITAL PROFILE REPORT

Profile Page 2

## KEY RISKS & MITIGATING STRATEGY

Funding not approved/deferred - The leased parking lot at Century Park will end by 2020 and without replacement public parking being made available will result in a reduction in Transit use.

## RESOURCES

The construction will be managed through LRT Design and Construction or by Community Services Project Management Section.

Transportation Planning will manage the land acquisition and design through the profile 16-66-7006.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended to build the Heritage Valley Transit Centre and the first stage of Park and Ride to accommodate the growth at Heritage Valley Area, local businesses, promote regional transit and replace the leased parking lot at Century Park TC.

## CONTINGENCY OF APPROVAL

Century Park Site - Park and Ride Options – Park and Ride Strategy  
December 11, 2014 - City Council Meeting

That Capital Profile S-LRT Heritage Valley-Park and Ride #18-66-3514 be added and funded in the amount of \$20.215 million, with \$6.771 million of funding from an increase in use of Pay-As-You-Go, and that the expenditure of funds be subject to the Century Park Site Park and Ride Options report and the Park and Ride Strategy report to Council through Transportation Committee, and \$13.444 million funding from partner funding.

Due By: Feb. 25, 2015 Transportation Committee

Contingency met: dd/mm/yyyy

(Upon meeting of Contingency, consideration be given to combine with profile # 16-66-7006 to track costs in one profile)



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Capital Line LRT Heritage Valley Park and Ride Construction****FUNDED**PROFILE NUMBER: **18-66-3514**PROFILE TYPE: **Standalone**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215
	Current Approved Budget	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215
	Approved Funding Sources												
	Other	-	-	-	-	11,323	2,221	-	-	-	-	-	13,544
	Pay-As-You-Go	-	-	-	-	5,577	1,094	-	-	-	-	-	6,671
	Current Approved Funding Sources	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215
	Requested Funding Source												
	Other	-	-	-	-	11,323	2,221	-	-	-	-	-	13,544
	Pay-As-You-Go	-	-	-	-	5,577	1,094	-	-	-	-	-	6,671
	Requested Funding Source	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215
	Total	-	-	-	-	16,900	3,315	-	-	-	-	-	20,215

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Utilities

Branch:	2020				2021				2022				2023			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	472	472	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	<b>472</b>	<b>472</b>	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT COMMUNICATIONS RENEWAL**  
 PROFILE: **CM-66-3000**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH
8

RENEWAL
92

PREVIOUSLY APPROVED:	8,728
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	8,728
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**PROFILE DESCRIPTION**

General renewal and upgrade to the existing Transit Safety and Security systems and equipment and associated communication rooms, as well as implementation of new technology as required.

**PROFILE BACKGROUND**

The communications systems used by ETS provide a way for fare collection, CCTV surveillance, building management, public address, LED message signs, emergency phones, two-way radio, train control, Edmonton Transit Dispatch System (ETDS) & Transit Operator Performance System (TOPS) replacement, and power substation control to function. These systems range from customer facing to mission critical back-end control systems that affect the functionality of the ETS system on a day to day basis.

**PROFILE JUSTIFICATION**

A number of communication systems and equipment are very old and have exceeded their expected life span. Remedial actions are required to maintain the safety and operating efficiency (reliability and serviceability) of the communications systems.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving operational efficiency of Edmonton Transit System. The project also aligns with the Way We Live by providing better safety and security to the Citizens of Edmonton.

**ALTERNATIVES CONSIDERED**

An alternative approach is to continue with the existing systems, leading to increased operating budget for system maintenance, potentially prolonged outages and reduced system flexibility.

**COST BENEFITS**

Costs are based on cost experience for previous similar work.

Tangible benefits include lower maintenance cost and increased reliability and serviceability of the communication system and equipment.

Intangible benefits include improvement in Transit operational efficiency and improved safety and security with the implementation of upgraded system and new technology and thus improving citizen's satisfaction.

**KEY RISKS & MITIGATING STRATEGY**

Risks include: Costs of goods and services increase at higher rate than projected and the City's available internal resources are not sufficient to manage the work.

**RESOURCES**

LRT Communications Group will be managing all the projects. The projects will require external Contractors for procurement, installation, testing, commissioning and documentation of the system and equipment.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this profile be approved to upgrade communication system, equipment and associated infrastructure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit Communications Renewal****FUNDED**PROFILE NUMBER: **CM-66-3000**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728
	Current Approved Budget	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	3,538	974	1,398	1,923	-	-	-	-	-	-	7,833
	Pay-As-You-Go	-	349	72	113	360	-	-	-	-	-	-	895
	Current Approved Funding Sources	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	3,538	974	1,398	1,923	-	-	-	-	-	-	7,833
	Pay-As-You-Go	-	349	72	113	360	-	-	-	-	-	-	895
	Requested Funding Source	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,326	171	297	623	-	-	-	-	-	-	2,416
	Equip FurnFixt	-	1,938	239	566	1,660	-	-	-	-	-	-	4,403
	Technology	-	624	636	648	-	-	-	-	-	-	-	1,908
	Total	-	3,887	1,046	1,512	2,283	-	-	-	-	-	-	8,728

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Material &amp; Equipment

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-25	-25	-	-	-15	-15	-	-	-15	-15	-	-	-25	-25	-
Total Operating Impact	-	-25	-25	-	-	-15	-15	-	-	-15	-15	-	-	-25	-25	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT FARE COLLECTION RENEWAL**  
 PROFILE: **CM-66-3100**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	500
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	500
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**PROFILE DESCRIPTION**

Replacement of ticket vending machine (TVM) components.

**PROFILE BACKGROUND**

The Server and components for the TVMs in LRT stations has exceeded the life span and approaching failure condition. Life cycle replacement of the server and TVM components is required to maintain the operational efficiency of the TVMs.

**PROFILE JUSTIFICATION**

Component life cycle replacements to maintain the fare collection systems in a reliable state.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by maintaining the operational efficiency of the Ticket Vending Machines.

**ALTERNATIVES CONSIDERED**

Replacement and upgrade of the TVM Server and TVM components are required to maintain reliability and serviceability. The alternative approach is to continue with existing equipment with high operating budget to maintain the system.

**COST BENEFITS**

Costs are based on cost experience for previous similar work.

Tangible benefits include lower maintenance cost and increased reliability and serviceability of the Ticket Vending Machines.

Intangible benefits include maintaining Transit operational efficiency of the Ticket Vending Machines and thus improving citizen's satisfaction.

**KEY RISKS & MITIGATING STRATEGY**

Risks include: Costs of good and services increase at higher rate than projected and the City's available internal resources are not sufficient to manage the work.

**RESOURCES**

LRT Communication's Group will be managing the project. The project may require external Contractors or may be single sourced to a particular Vendor\Contractor.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this profile be approved to replace and upgrade the TVM server and TVM components.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit Fare Collection Renewal****FUNDED**PROFILE NUMBER: **CM-66-3100**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	500	-	-	-	-	-	-	500
	Current Approved Budget	-	-	-	-	500	-	-	-	-	-	-	500
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	-	500	-	-	-	-	-	-	500
	Current Approved Funding Sources	-	-	-	-	500	-	-	-	-	-	-	500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	500	-	-	-	-	-	-	500
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	-	500	-	-	-	-	-	-	500
	Requested Funding Source	-	-	-	-	500	-	-	-	-	-	-	500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Equip FurnFixt	-	-	-	-	500	-	-	-	-	-	-	500
	Total	-	-	-	-	500	-	-	-	-	-	-	500

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Material &amp; Equipment, Personnel

Branch:	2019				2020				2021				2022			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-40	-40	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	-40	-40	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRT FACILITIES & ROW RENEWAL**  
 PROFILE: **CM-66-3200**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	17,219
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	17,219
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**PROFILE DESCRIPTION**

This profile includes renewal and minor upgrades to LRT facilities and track & right-of-way elements. Critical projects include track tie and fixation replacement, leakage control and renewal in LRT stations, and tunnel/LRT station smoke fan upgrades (design). Other high priority projects include wayfinding signage improvements to meet corporate standards, addition of lockable entrance gates at Bay Station, and replacement of electrical equipment in the LRT stations.

**PROFILE BACKGROUND**

Edmonton Transit currently has 15 LRT stations, over 41 km of track and 5 km of tunnels. A number of assets have exceeded their useful life. The work in this profile is required to maintain the safety, reliability and condition of these facilities.

**PROFILE JUSTIFICATION**

Life cycle replacements required to keep stations and track in a safe and reliable state. Upgrades to existing infrastructure are required to meet customer needs and maintain an efficient operation.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move goal of well maintained infrastructure.

**ALTERNATIVES CONSIDERED**

Alternatives include proceeding with the full scope of work or deferring a portion of the work based on the level of funding available.

**COST BENEFITS**

Tangible Benefits:

Increase in service reliability

Extended asset life span

Reduced operating costs (in some cases maintenance costs currently exceed the approved budget amount)

Reduction in service impacts

Current minimum building code requirements will be met (positive impact on public safety)

Intangible Benefits:

Improvement to the customer experience when taking Transit

Improved sense of safety and security

**KEY RISKS & MITIGATING STRATEGY**

Tender prices may exceed the available budget. If required, the work scope will be reduced so as not to exceed approved funding amounts.

**RESOURCES**

These projects are typically managed by Transit. Alternatively, some projects may be managed by Community Services Project Management and Maintenance Services Branch.

**CONCLUSIONS AND RECOMMENDATIONS**

The work in this profile is required to maintain the safety, reliability and condition of LRT facilities and track. It is recommended that these high priority projects be funded.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **LRT Facilities & ROW Renewal****FUNDED**PROFILE NUMBER: **CM-66-3200**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,171	4,303	2,959	5,564	-	-	-	-	-	-	14,996
	2015 Cap Council	-	173	1,523	249	278	-	-	-	-	-	-	2,224
	Current Approved Budget	-	2,344	5,826	3,208	5,841	-	-	-	-	-	-	17,219
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	2,127	5,389	2,910	5,289	-	-	-	-	-	-	15,715
	Pay-As-You-Go	-	217	437	298	553	-	-	-	-	-	-	1,505
	Current Approved Funding Sources	-	2,344	5,826	3,208	5,841	-	-	-	-	-	-	17,219

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,344	5,826	3,208	5,841	-	-	-	-	-	-	17,219
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	2,127	5,389	2,910	5,289	-	-	-	-	-	-	15,715
	Pay-As-You-Go	-	217	437	298	553	-	-	-	-	-	-	1,505
	Requested Funding Source	-	2,344	5,826	3,208	5,841	-	-	-	-	-	-	17,219

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	1,599	3,154	2,153	3,819	-	-	-	-	-	-	10,725
	Design	-	305	546	402	847	-	-	-	-	-	-	2,100
	Equip FurnFixt	-	267	602	404	897	-	-	-	-	-	-	2,170
	Fleet Equipment	-	173	1,523	249	278	-	-	-	-	-	-	2,224
	Total	-	2,344	5,826	3,208	5,841	-	-	-	-	-	-	17,219

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Interdepartmental, Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Edmonton Transit	-	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRT ESCALATOR & ELEVATOR RENEWAL**  
 PROFILE: **CM-66-3202**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Ken Koropeski
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LEAD BRANCH MANAGER:	Ken Koropeski
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	11,873
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,873
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**PROFILE DESCRIPTION**

Replace obsolete escalator units that are at their end of design life or beyond. Stations include Coliseum, Stadium, Bay, Corona, Central, University and Grandin.

**PROFILE BACKGROUND**

The elevators and escalators in the original stations have significantly exceeded their expected life span resulting in an overall reduction in reliability. Also, component failures have resulted in incidents posing a significant safety concern.

**PROFILE JUSTIFICATION**

Units are subject to frequent failure and obsolete parts are expensive and difficult to obtain. Some units have experienced rollbacks and are a safety concern.

**STRATEGIC ALIGNMENT**

Well-maintained infrastructure is a strategic goal within the Way We Move.

**ALTERNATIVES CONSIDERED**

Various design alternatives were considered as part of the design and functionality study for Churchill station. The optimum alternative is to replace the escalators with heavy duty design and elevators with new cabs and operating components.

**COST BENEFITS**

The primary benefits are improved operational reliability (i.e. reduced downtime) and improved barrier free access reliability on the LRT system for persons with disabilities.

Costs:

Approximately \$1.5M for a new escalator

Operational savings are expected related to reduced energy consumption.

**KEY RISKS & MITIGATING STRATEGY**

Deferral will result in operational reliability being further degraded as parts become more difficult to locate. Units reaching a safety critical state will be removed from service and use of the LRT system won't be an option for some customers.

**RESOURCES**

The project will be managed by Transit. All design and construction work will be tendered.

**CONCLUSIONS AND RECOMMENDATIONS**

Given the ongoing operational reliability concerns and the age and degraded condition of the escalators, it is recommended that funding for replacement be approved, in line with the RIMS allocation.



**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

Change In Scope:

The escalator condition pre-assessment report completed in 2015 recommended that refurbishment be considered as an option for renewal. While the full replacement option provides a brand new escalator incorporating the latest technology and an expected life span of 30+ years, recent installations of new escalators on the LRT system have not met performance expectations in terms of reliability. The refurbishment options reduces the risk that installation-related problems will occur. Refurbishment also allows a greater number of escalators to be renewed for the same cost.

Edmonton Transit is tendering a request for proposal for an escalator specialist to design and manage the renewal program. Replacement and refurbishment options will both be explored to determine which provides better value.

Textual Changes:

Changed Profile Manager and Lead Manager name, Estimated End Date (error), and Operating Impacts (very minor error).

PROFILE NAME: **LRT Escalator & Elevator Renewal****FUNDED**PROFILE NUMBER: **CM-66-3202**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873
	Current Approved Budget	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	450	3,192	3,403	3,642	-	-	-	-	-	-	10,687
	Pay-As-You-Go	-	52	354	377	404	-	-	-	-	-	-	1,186
	Current Approved Funding Sources	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	450	3,192	3,403	3,642	-	-	-	-	-	-	10,687
	Pay-As-You-Go	-	52	354	377	404	-	-	-	-	-	-	1,186
	Requested Funding Source	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	3,546	3,780	4,046	-	-	-	-	-	-	11,371
	Design	-	502	-	-	-	-	-	-	-	-	-	502
	Total	-	502	3,546	3,780	4,046	-	-	-	-	-	-	11,873

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Utilities

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	-2	-2	-	-	-	-	-	-	-	-	-	-	-	-	-
Edmonton Transit	-	-2	-2	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	-4	-4	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRT SIGNALS AND ELECTRIFICATION RENEWAL**  
 PROFILE: **CM-66-3300**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Facilities and Equipment**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	7,435
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	7,435
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**PROFILE DESCRIPTION**

Renewal of aging substation equipment including AC switchgear, feeder cables, and worn catenary contact wire and components. Also includes renewal of switch machines, control logic including traffic interface connections, signal data logger, standby power upgrades, and crossing protection upgrades.

**PROFILE BACKGROUND**

The LRT Electrification & Signal system infrastructure addressed in this profile is part of the original install, some dating back to 1978. The proposed \$7.4M renewal program addresses the most critical of these issues.

**PROFILE JUSTIFICATION**

Life cycle replacements and upgrades required to keep the LRT signals and overhead electrification system in a reliable state. The LRT signal system is safety critical to the operation of the LRT.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move, the Way We Green, and the Way we live by supporting a mode shift to transit, improving the transit rider experience, and improving the safety of automobile drivers, pedestrians, and others at LRT crossings.

**ALTERNATIVES CONSIDERED**

The engineering or the engineering and procurement portions of the work could be performed in advance to improve readiness for when funding is available or failures mandate immediate replacement. This will reduce the total funding demand by only completing the engineering and/or procurement portions first.

**COST BENEFITS**

Tangible benefits include: new equipment at start of life cycle; reduced maintenance costs; improved system reliability; improved system functionality.

Intangible benefits include: improved vendor support; increased staff & contractor knowledge of components.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The projects will require external Consultants to complete design and external Contractors to complete construction. The consultants and contractors will be selected through a tender process except where existing contracts mandate the use of EPCOR.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding be approved for this profile to improve the long term viability of the LRT as a safe and reliable method of transportation within the City.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **LRT Signals and Electrification Renewal****FUNDED**PROFILE NUMBER: **CM-66-3300**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435
	Current Approved Budget	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,242	1,447	1,436	2,580	-	-	-	-	-	-	6,705
	Pay-As-You-Go	-	140	156	154	279	-	-	-	-	-	-	730
	Current Approved Funding Sources	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,242	1,447	1,436	2,580	-	-	-	-	-	-	6,705
	Pay-As-You-Go	-	140	156	154	279	-	-	-	-	-	-	730
	Requested Funding Source	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	486	930	641	1,012	-	-	-	-	-	-	3,070
	Design	-	219	211	457	201	-	-	-	-	-	-	1,088
	Equip FurnFixt	-	677	463	492	1,645	-	-	-	-	-	-	3,277
	Total	-	1,383	1,603	1,590	2,859	-	-	-	-	-	-	7,435

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **LRV FLEET & EQUIPMENT RENEWAL**  
 PROFILE: **CM-66-3400**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **LRT Fleet**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	5,501
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,501
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**PROFILE DESCRIPTION**

Life cycle replacement of LRV components including wheels and operating systems, auxilliary vehicle components, and shop equipment including the wheel lathe and washrack. Also includes replacement of an obsolete tow/recovery vehicle and fall protection modifications to gantries for work on the LRVs.

**PROFILE BACKGROUND**

The D.L. MacDonald Transit Yard and the majority of its support equipment were built and acquired in 1983 to support a 37-car LRV fleet. Since 2009 we have increased our fleet size by 57 vehicles to a total of 94-cars. This represents a 250% increase in fleet size.

From a maintenance standpoint we have not seen a corresponding increase in our maintenance capacity, that is to say the amount of heavy maintenance equipment and tooling at D.L. has not substantially increased since 2009. Therefore all of our maintenance equipment is seeing higher utilization rates as we bring ourselves closer to the facility's ultimate capacity. Stated another way, our 31-year old wheel lathe will see as much use in the next five years with a 94-car fleet as it saw in twelve years with a 37-car fleet. The same statement holds true for our wash rack. Equipment that is older and already deteriorating will see accelerated deterioration as it is subjected to higher usage.

**PROFILE JUSTIFICATION**

Life cycle replacements required to keep the Light Rail Vehicles, support equipment and shop equipment in a reliable state. Adding fall protection to gantries at DLM is required to address OHS issues when working on the roof of the LRVs.

**STRATEGIC ALIGNMENT**

Well-maintained infrastructure is fundamental to both the "Way We Move" and "Way We Grow" strategic goals.

**ALTERNATIVES CONSIDERED**

The following alternatives to replacement of the wheel lathe were considered.

1. Deferral of the replacement or retrofit. Not Recommended.
2. Refurbishment of its worn or obsolete components was considered. Not Recommended.
3. Purchase of a new lathe and refurbishment of the existing lathe - Not Fiscally Feasible within RIM allocation.

**COST BENEFITS**

Replacement of the existing manual wheel lathe with a more automated version will both increase capacity while requiring less technical competency and experience from the operator.

**KEY RISKS & MITIGATING STRATEGY**

Risks include, Higher pricing than available budget, replacement equipment doesn't meet operational requirements, and the maintainability of the replacement equipment is low. Risks can be mitigated in the tendering process.

**RESOURCES**

The fleet engineering section of Transportation - LRT, Engineering and Maintenance will create technical specifications for the wheel lathe and manage both the replacement of the wheel lathe and upgrade of the wash rack projects.

**CONCLUSIONS AND RECOMMENDATIONS**

Replacement of the D.L. MacDonald Wheel Lathe and refurbishment of the Wash Rack is recommended. Wear, and the potential for failure, of this equipment is increasing with the increase in fleet size.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **LRV Fleet & Equipment Renewal****FUNDED**PROFILE NUMBER: **CM-66-3400**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	173	2,517	4,252	782	-	-	-	-	-	-	7,724
	2015 Cap Council	-	-173	-1,523	-249	-278	-	-	-	-	-	-	-2,224
	Current Approved Budget	-	-	994	4,003	504	-	-	-	-	-	-	5,501
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	991	3,984	501	-	-	-	-	-	-	5,476
	Pay-As-You-Go	-	-	3	19	3	-	-	-	-	-	-	25
	Current Approved Funding Sources	-	-	994	4,003	504	-	-	-	-	-	-	5,501

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	994	4,003	504	-	-	-	-	-	-	5,501
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	991	3,984	501	-	-	-	-	-	-	5,476
	Pay-As-You-Go	-	-	3	19	3	-	-	-	-	-	-	25
	Requested Funding Source	-	-	994	4,003	504	-	-	-	-	-	-	5,501

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	173	2,517	4,252	782	-	-	-	-	-	-	7,724
	Fleet Equipment	-	-173	-1,523	-249	-278	-	-	-	-	-	-	-2,224
	Total	-	-	994	4,003	504	-	-	-	-	-	-	5,501

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FACILITIES RENEWAL**  
 PROFILE: **CM-66-3500**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	6,891
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	6,891
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**PROFILE DESCRIPTION**

This profile includes general renewal and upgrades of Transit Centres and bus stops. High priority projects include replacement of bus stop shelters/support pads/garbage containers at end of life, renewal of bus transit centre components at end of life, bus stop relocation where required by route change, accessibility improvements, and wayfinding improvements to meet the corporate standard.

**PROFILE BACKGROUND**

Edmonton Transit currently has 26 Transit Centres and approximately 7,000 bus stops. The work in this profile is required to maintain the safety, reliability and condition of these facilities. The profile also includes barrier-free access and wayfinding upgrades.

**PROFILE JUSTIFICATION**

Life cycle replacements are required to maintain bus facilities in a reliable state. Bus stop relocations are required to accommodate bus route changes. A number of accessibility upgrades have been identified to align with barrier-free standards. Wayfinding upgrades are required to align with CoE's wayfinding plan.

**STRATEGIC ALIGNMENT**

Well-maintained infrastructure is a strategic goal within the Way We Move to achieve the goal of well maintained infrastructure and by supporting a transportation mode shift.

**ALTERNATIVES CONSIDERED**

Alternatives include proceeding with the full scope of work or deferring a portion of the work based on the level of funding available.

**COST BENEFITS**

Tangible Benefits:

- Well maintained infrastructure
- Improved barrier-free accessibility
- Increased ad revenue (potential)

Intangible Benefits:

- Improvement to the customer experience when taking Transit
- Improved sense of safety and security

**KEY RISKS & MITIGATING STRATEGY**

Tender prices may exceed the available budget. If required, the work scope will be reduced so as not to exceed approved funding amounts.

**RESOURCES**

The bus stop relocates and barrier free improvements will be managed by Sustainable Transportation. The remainder of these projects will be managed by Transit.

**CONCLUSIONS AND RECOMMENDATIONS**

The work in this profile is required to maintain the safety, reliability and condition of Transit Centres and bus stops. It is recommended that the high priority projects be funded.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Bus Facilities Renewal****FUNDED**PROFILE NUMBER: **CM-66-3500**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	1,397	2,316	1,949	2,101	-	-	-	-	-	-	7,763
	2015 Cap Administrative	-	-201	-206	-224	-240	-	-	-	-	-	-	-872
	Current Approved Budget	-	1,196	2,110	1,725	1,861	-	-	-	-	-	-	6,891
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,078	1,901	1,553	1,677	-	-	-	-	-	-	6,209
	Pay-As-You-Go	-	117	209	172	184	-	-	-	-	-	-	682
	Current Approved Funding Sources	-	1,196	2,110	1,725	1,861	-	-	-	-	-	-	6,891

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,196	2,110	1,725	1,861	-	-	-	-	-	-	6,891
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,078	1,901	1,553	1,677	-	-	-	-	-	-	6,209
	Pay-As-You-Go	-	117	209	172	184	-	-	-	-	-	-	682
	Requested Funding Source	-	1,196	2,110	1,725	1,861	-	-	-	-	-	-	6,891

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,121	2,110	1,725	1,812	-	-	-	-	-	-	6,768
	Design	-	75	-	-	49	-	-	-	-	-	-	124
	Total	-	1,196	2,110	1,725	1,861	-	-	-	-	-	-	6,891

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	36	36	-	-	36	36	-	-	36	36	-	-	36	36	-
Total Operating Impact	-	36	36	-	-	36	36	-	-	36	36	-	-	36	36	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRANSIT/LRT GARAGE ETS TENANT SPACE RENEWAL**  
 PROFILE: **CM-66-3590**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Facilities**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Composite**

PROFILE MANAGER: **Charles Stolte**

LEAD BRANCH MANAGER: **Charles Stolte**

ESTIMATED START: **January, 2015**

ESTIMATED COMPLETION: **January, 2015**

Service Category: **Public Transit**

Major Initiative:

**GROWTH**

**RENEWAL**  
**100**

PREVIOUSLY APPROVED:

**597**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**597**

**PROFILE DESCRIPTION**

This profile includes renewal and minor upgrades to the space within Bus and LRT garages occupied by Transit staff. High priority needs include the replacement of the wash racks at the DATS garage.

**PROFILE BACKGROUND**

As tenant spaces and equipment utilized by Transit staff in transit garages approach their expected life span and are no longer able to meet required operating standards, there is a need to replace/update them to maintain operating efficiency.

**PROFILE JUSTIFICATION**

Required to ensure tenant space and equipment meets Transit's operational needs.

**STRATEGIC ALIGNMENT**

Well-maintained infrastructure is a strategic goal within the Way We Move.

**ALTERNATIVES CONSIDERED**

Renewal alternatives include:

- a) Continuation of "status quo" (i.e. maintenance program to deal with breakdowns, continued operation with current space configuration)
- b) Replace equipment at end of useful life
- c) Renovations to address sub-optimum space configurations

Alternative b is recommended.

**COST BENEFITS**

Benefits include:

- a) addresses ongoing breakdowns for equipment that has reached the end of its useful life
- b) addresses existing sub-optimum space configurations for service delivery needs (ex: operator training)

**KEY RISKS & MITIGATING STRATEGY**

Deferral of work will mean continued equipment breakdowns and use of rooms/spaces that are not properly configured for efficient operation.

**RESOURCES**

Equipment purchases will be managed by Transit staff.  
Space renovations will be managed by Community Services

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that high priority projects be funded not exceeding the available funding allocation. The recommended 2015-18 work plan will comprise of replacement wash rack at the Percy Wickman DATS garage. All other projects will be deferred.

**CHANGES TO APPROVED PROFILE**

#15-41 (Fall 2015): Correct profiles with MSI funding less than 1M. Swap MSI/GF with 14-66-1041.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Transit/LRT Garage ETS Tenant Space Renewal****FUNDED**PROFILE NUMBER: **CM-66-3590**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	597	-	-	-	-	-	-	-	-	-	597
	Current Approved Budget	-	597	-	-	-	-	-	-	-	-	-	597
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	597	-	-	-	-	-	-	-	-	-	597
	Current Approved Funding Sources	-	597	-	-	-	-	-	-	-	-	-	597

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	597	-	-	-	-	-	-	-	-	-	597
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	597	-	-	-	-	-	-	-	-	-	597
	Requested Funding Source	-	597	-	-	-	-	-	-	-	-	-	597

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	507	-	-	-	-	-	-	-	-	-	507
	Design	-	90	-	-	-	-	-	-	-	-	-	90
	Total	-	597	-	-	-	-	-	-	-	-	-	597

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BUS FLEET & EQUIPMENT REHAB & REPLACEMENT**  
 PROFILE: **CM-66-3600**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Edmonton Transit**  
 PROGRAM NAME: **Bus Fleet**  
 LEAD BRANCH: **Edmonton Transit**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Charles Stolte
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LEAD BRANCH MANAGER:	Charles Stolte
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	76,260
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	76,260
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**PROFILE DESCRIPTION**

Replacement and mid-life refurbishment of existing bus fleet. Replacement is based on the expected useful life of various buses, with mid-life refurbishments extending the useful life of the larger buses

**PROFILE BACKGROUND**

This profile contains replacement and mid-life refurbishment of the bus fleet as well as the replacement of onboard equipment. Replacement is based on the expected useful life cycles, with mid-life refurbishments extending the useful life of buses.

**PROFILE JUSTIFICATION**

Necessary to maintain integrity and reliability of current bus fleet. Failure to adequately replace and refurbish fleet would result in considerable increases in maintenance costs, unscheduled downtime, and poorer / reduced bus service

**STRATEGIC ALIGNMENT**

Ensuring a reliable and updated bus fleet is in line with numerous strategic goals outlined in The Way We Move, including:

- Access & Mobility
- Economic Vitality
- Health & Safety
- Transportation Mode Shift
- Well Maintained Infrastructure

**ALTERNATIVES CONSIDERED**

Because routine bus replacement is central to providing reliable bus service, the main alternative is to reduce bus service by removing buses from the fleet as they age past their useful lives. This would have major negative impacts on ridership.

**COST BENEFITS**

Tangible Benefits:

- optimized life cycle costs (capital & operating)
- more predictable and stable operating costs
- reduced emissions as cleaner technologies are integrated into replacement buses

Intangible Benefits:

- enhanced bus service, reliability, and safety
- ability to maintain ridership

**KEY RISKS & MITIGATING STRATEGY**

The primary risks associated with this profile are:

- capacity limitations for refurbishments
- risk of purchasing vehicles that are not as reliable or efficient as potential alternatives

**RESOURCES**

Bus assets and the related maintenance and refurbishment is the responsibility of Fleet Services.

**CONCLUSIONS AND RECOMMENDATIONS**

Reliable bus service is central to meeting Transit's strategic goals, and the bus replacement and refurbishment program must be continued. Opportunities to integrate emerging technology and optimize life cycle costs should be continuously evaluated.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Bus Fleet & Equipment Rehab & Replacement****FUNDED**PROFILE NUMBER: **CM-66-3600**PROFILE TYPE: **Composite**BRANCH: **Edmonton Transit**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260
	Current Approved Budget	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260
	Approved Funding Sources												
	Federal Gas Tax Fund	-	-	-	5,400	6,110	-	-	-	-	-	-	11,510
	Munc Sustain. Initiative - MSI	-	5,432	7,544	19,368	20,966	-	-	-	-	-	-	53,310
	Pay-As-You-Go	-	958	1,332	4,371	4,778	-	-	-	-	-	-	11,440
	Current Approved Funding Sources	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260
	Requested Funding Source												
	Federal Gas Tax Fund	-	-	-	5,400	6,110	-	-	-	-	-	-	11,510
	Munc Sustain. Initiative - MSI	-	5,432	7,544	19,368	20,966	-	-	-	-	-	-	53,310
	Pay-As-You-Go	-	958	1,332	4,371	4,778	-	-	-	-	-	-	11,440
	Requested Funding Source	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Fleet Equipment	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260
	Total	-	6,390	8,876	29,140	31,854	-	-	-	-	-	-	76,260

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NLRT (DOWNTOWN TO NAIT)**  
 PROFILE: **08-66-1672**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **LRT Design & Construction**  
 PROGRAM NAME: **NLRT (Downtown to NAIT)**  
 LEAD BRANCH: **LRT Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Wayne Mandryk**  
 LEAD BRANCH MANAGER: **Wayne Mandryk**  
 ESTIMATED START: **January, 2008**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Public Transit</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>665,845</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>665,845</b>

**PROFILE DESCRIPTION**

This project provides funding for detailed design, land acquisition, and construction of the North LRT extension from Churchill Station to NAIT. Included in this project is the purchase of 20 light rail vehicles, construction of the cut and cover concrete tunnel under the Qualico Development and tunnel to connect to Churchill Station, 3 LRT Stations (MacEwan, Kingsway/Royal Alex, NAIT), one bus transit centre (Kingsway), all track, communications systems, train control signal system, traction power system, land and related road work and utility relocations.

The construction schedule is as follows:

2009 Preliminary and detailed design, commence land acquisition, utility relocations, commence tunnelling from Churchill to MacEwan, order LRVs  
 2010 Detailed design, tunnelling from Churchill to MacEwan, complete land acquisition  
 2011 Tunnelling from Churchill to MacEwan, commence construction from MacEwan to NAIT  
 2012 Complete tunneling from Churchill to MacEwan, continue construction from MacEwan to NAIT  
 2013 Complete construction, delivery of LRV's, commissioning  
 2014 Open for service

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures, and assets in facilities and along the right of way will have design life ranging from 10 to 50 years. Design life for the light rail vehicles is 35 years.

Funding for Concept Planning and Preliminary Engineering is in Transportation Department Program 05-66-1665. Funding for limited opportunity land purchases is also in program 05-66-1665.

Subject to receiving Green Trip funds, which requires that the City funds 1/3 of the Project.

An additional 10 LRVs were added to the project 2012 Spring SBA:

#34: Recognize the availability of rental revenue as a source of financing in 2011 totalling \$74K.

Spring SBA: #11-34 Recognize the use of Rental Revenue in 2010.

Fall SBA: #11-88: Cashflow \$25,000k due to a slower than anticipated construction startup, which was related to contractor staffing issues.

**PROFILE JUSTIFICATION**

Extending the LRT to NAIT meets the objectives of the Transportation Master Plan and the approved LRT NAIT alignment bylaw approved by Council.

The project supports Council's goal of Shifting Edmonton's Transportation Mode with increasing the use of Transit by the citizens.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NLRT (Downtown to NAIT)****FUNDED**PROFILE NUMBER: **08-66-1672**PROFILE TYPE: **Standalone**BRANCH: **LRT Design & Construction**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	927,970	-	-	-	-	-	-	-	-	-	-	927,970
	2008 CBS Budget Adjustment	2,987	-	-	-	-	-	-	-	-	-	-	2,987
	2009 CBS Budget Adjustment	-4,027	-	-	-	-	-	-	-	-	-	-	-4,027
	2010 CBS Budget Adjustment	-105,609	-	-	-	-	-	-	-	-	-	-	-105,609
	2011 CBS Budget Adjustment	-49,130	-	-	-	-	-	-	-	-	-	-	-49,130
	2012 CBS Budget Adjustment	-106,797	-	-	-	-	-	-	-	-	-	-	-106,797
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	89,568	-	-	-	-	-	-	-	-	-	-	89,568
	2014 Cap Capital Budget Adj (one-off)	-89,634	-	-	-	-	-	-	-	-	-	-	-89,634
	2014 Cap Carry Forward	-48,112	48,112	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-53	-	-	-	-	-	-	-	-	-	-	-53
	2014 SCBA Within Dept <\$250K	53	-	-	-	-	-	-	-	-	-	-	53
	2015 Cap Council	-	517	-	-	-	-	-	-	-	-	-	517
	Current Approved Budget	617,216	48,629	-	-	-	-	-	-	-	-	-	665,845
	Approved Funding Sources												
	Developer Financing	673	-	-	-	-	-	-	-	-	-	-	673
	Federal Bldg Canada Fund	100,000	-	-	-	-	-	-	-	-	-	-	100,000
	Green-trip	402,261	34,650	-	-	-	-	-	-	-	-	-	436,911
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-	-
	Other	224	-	-	-	-	-	-	-	-	-	-	224
	Other Reserve	10,000	1,037	-	-	-	-	-	-	-	-	-	11,037
	Pay-As-You-Go	-	-	-	-	-	-	-	-	-	-	-	-
	Tax-Supported Debt	104,058	12,942	-	-	-	-	-	-	-	-	-	117,000
	Current Approved Funding Sources	617,216	48,629	-	-	-	-	-	-	-	-	-	665,845

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	617,216	48,629	-	-	-	-	-	-	-	-	-	665,845
	Requested Funding Source												
	Developer Financing	673	-	-	-	-	-	-	-	-	-	-	673
	Federal Bldg Canada Fund	100,000	-	-	-	-	-	-	-	-	-	-	100,000
	Green-trip	402,261	34,650	-	-	-	-	-	-	-	-	-	436,911
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-	-
	Other	224	-	-	-	-	-	-	-	-	-	-	224
	Other Reserve	10,000	1,037	-	-	-	-	-	-	-	-	-	11,037
	Pay-As-You-Go	-	-	-	-	-	-	-	-	-	-	-	-
	Tax-Supported Debt	104,058	12,942	-	-	-	-	-	-	-	-	-	117,000
	Requested Funding Source	617,216	48,629	-	-	-	-	-	-	-	-	-	665,845

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-137,799	48,629	-	-	-	-	-	-	-	-	-	-89,170
	Other Costs	755,015	-	-	-	-	-	-	-	-	-	-	755,015
	Total	617,216	48,629	-	-	-	-	-	-	-	-	-	665,845

**CAPITAL PROFILE REPORT**

Profile Page 3

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:

	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VALLEY LINE LRT**  
 PROFILE: **11-66-1673**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **LRT Design & Construction**  
 PROGRAM NAME: **Valley Line LRT**  
 LEAD BRANCH: **LRT Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Wayne Mandryk
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LEAD BRANCH MANAGER:	Wayne Mandryk
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2020
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Service Category:	Public Transit
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	1,777,198
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	1,777,198
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**PROFILE DESCRIPTION**

This project provides funding requirements for detailed design, land acquisition, and construction of the Mill Woods to Lewis Estates LRT line. Also included in this project is the purchase of light rail vehicles and construction of a LRT maintenance facility. Phase 2 commencement is subject to funding from other orders of Government.

The conceptual schedule is as follows (subject to preliminary design and constructability reviews):

**Phase 1**

2012-2014: SE land acquisition (Centre West to Millwoods Town Centre) and critical land/opportunity land acquisitions west of Centre West (\$102 million). SE to W Preliminary design for \$39 million is funded under capital profile 11-66-1668.

**Phase 2**

2013-2026: Detailed design, utility relocations, land acquisition (\$114 million), maintenance facility construction, purchase of light rail vehicles, LRT line and station construction. LRT Construction would commence in 2014 or 2015 depending funding and delivery method. Costs are based on a 2014 construction start and a 2017 completion with phase 1 and stage 1 of phase 2 proposed for this time horizon. Costs for the \$3.161 billion are based on a 2017 completion.

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures, and assets and along the right of way will have design life ranging from 10 to 50 years. Design life for the light rail vehicles is 35 years.

**PROFILE JUSTIFICATION**

Strategic Objective 5.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009. Constructing the LRT from Mill Woods to Lewis Estates meets the objectives of the Transportation Master Plan and the High Speed Transit Strategic Plan.

**CHANGES TO APPROVED PROFILE**

2014 FSCBA - Changes to financing sources to reflect the timing of grant receive (Federal P3 Canada Grant in 2020)

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Valley Line LRT****FUNDED**PROFILE NUMBER: **11-66-1673**PROFILE TYPE: **Standalone**BRANCH: **LRT Design & Construction**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	102,000	-	-	-	-	-	-	-	-	-	-	102,000
	2012 CBS Budget Adjustment	-7,486	-	-	-	-	-	-	-	-	-	-	-7,486
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	62,847	5,000	-	-	-	-	-	-	-	-	-	67,847
	2014 Cap Capital Budget Adj (one-off)	-	-	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,613,000
	2014 Cap Carry Forward	-61,428	61,428	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	941	-	-	-	-	-	-	-	-	-	-	941
	2015 Cap Council	-	896	-	-	-	-	-	-	-	-	-	896
	Current Approved Budget	96,874	67,323	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,777,198
	Approved Funding Sources												
	Developer Financing	2,198	-	-	-	-	-	-	-	-	-	-	2,198
	Federal Bldg Canada Fund	-	-	27,500	27,500	27,500	27,500	40,000	-	-	-	-	150,000
	Federal P3 Canada Grant	-	-	-	-	-	-	250,000	-	-	-	-	250,000
	Green-trip	-	-	60,000	60,000	60,000	60,000	70,000	-	-	-	-	310,000
	Munc Sustain. Initiative - MSI	10,704	10,211	-	-	-	-	-	-	-	-	-	20,915
	Other	-	-	-	-	-	-	-	-	-	-	-	-
	Other Reserve	-	10,000	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	379	-	-	-	-	-	-	-	-	-	379
	Provincial BCF - matching	-	-	27,500	27,500	27,500	27,500	40,000	-	-	-	-	150,000
	Tax-Supported Debt	83,972	46,734	141,811	160,386	151,098	118,591	181,114	-	-	-	-	883,706
	Current Approved Funding Sources	96,874	67,323	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,777,198

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	96,874	67,323	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,777,198
	Requested Funding Source												
	Developer Financing	2,198	-	-	-	-	-	-	-	-	-	-	2,198
	Federal Bldg Canada Fund	-	-	27,500	27,500	27,500	27,500	40,000	-	-	-	-	150,000
	Federal P3 Canada Grant	-	-	-	-	-	-	250,000	-	-	-	-	250,000
	Green-trip	-	-	60,000	60,000	60,000	60,000	70,000	-	-	-	-	310,000
	Munc Sustain. Initiative - MSI	10,704	10,211	-	-	-	-	-	-	-	-	-	20,915
	Other	-	-	-	-	-	-	-	-	-	-	-	-
	Other Reserve	-	10,000	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	379	-	-	-	-	-	-	-	-	-	379
	Provincial BCF - matching	-	-	27,500	27,500	27,500	27,500	40,000	-	-	-	-	150,000
	Tax-Supported Debt	83,972	46,734	141,811	160,386	151,098	118,591	181,114	-	-	-	-	883,706
	Requested Funding Source	96,874	67,323	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,777,198

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-60,487	62,323	192,829	269,814	260,714	228,866	569,358	-	-	-	-	1,523,418
	Design	-	-	3,982	5,572	5,384	4,725	11,756	-	-	-	-	31,419
	Land	-	-	60,000	-	-	-	-	-	-	-	-	60,000
	Other Costs	157,361	5,000	-	-	-	-	-	-	-	-	-	162,361
	Total	96,874	67,323	256,811	275,386	266,098	233,591	581,114	-	-	-	-	1,777,198



**CAPITAL PROFILE REPORT****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC SAFETY - SPEED MANAGEMENT EQUIPMENT**  
 PROFILE: **CM-66-2545**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Traffic Safety & Automated Enforcement**  
 PROGRAM NAME:  
 LEAD BRANCH: **Traffic Safety & Automated Enforcement**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH
80

RENEWAL
20

PREVIOUSLY APPROVED:	13,656
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	13,656
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**PROFILE DESCRIPTION**

Investment into improving Traffic Safety through the five E's: Enforcement, Evaluation, Education, Engineering, and Engagement. This profile includes speed management equipment, automated enforcement technology, and speed control equipment. The funding source is Traffic Safety Automated Enforcement Reserve.

**PROFILE BACKGROUND**

In 2007, City Council approved a service delivery model for automated enforcement in which the City operates the overall system of Fines processing, equipment procurement, infrastructure installation, location selection, and program evaluation while the actual enforcement is operated by Edmonton Police Services. In 2012, the Automated Enforcement program as a whole became the responsibility of the Transportation Department, previously a responsibility of Corporate Programs. Replacement and installation of automated enforcement and speed management equipment promotes positive road/driver behaviour, reduces collision volumes and severity, and promotes overall safety for motorists and pedestrians on all City roadways.

**PROFILE JUSTIFICATION**

Continuous investment into traffic safety will promote positive driver behaviours and minimize impact of negative behaviours in the short and long term.

Priority Projects:

- Automated enforcement equipment (new)
- Automated enforcement equipment (replacement)
- Speed management equipment (Driver feedback signs and digital messaging signs)
- Traffic safety mobile application
- Business intelligence
- Road safety technology enhancements

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality. The Way We Live-safe City and neighbourhoods. The Way We Finance-self funded (not tax levy)

**ALTERNATIVES CONSIDERED**

Alternative is to not support this profile. This initiative is self funded with enforcement revenues.

**COST BENEFITS**

Investments into this program enhances overall traffic safety for vehicles, pedestrians and buses in and around the City.

Tangible benefits are improved automated enforcement equipment, time and cost savings, and additional revenues to support tax levy.

Intangible benefits are reducing the volume and severity of collisions, fatalities and infrastructure damages, and maximizing operational productivity and efficiency.

**KEY RISKS & MITIGATING STRATEGY**

Risk of fatalities and severe collisions are mitigated by into the four E's of traffic safety: Education, Engineering, Evaluation, and Enforcement.

**RESOURCES**

Resources include internal staff and external contractors dedicated to advancing automated enforcement and improving traffic safety. In 2013, resources were consolidated under one Branch, and continuously evaluated for sufficiency and effectiveness.

**CONCLUSIONS AND RECOMMENDATIONS**

This program should continue permanently in the City's capital investment portfolio given the beneficial value it provides to multiple key stakeholders. Traffic safety is a priority and should be properly represented within the City's investments.

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# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Traffic Safety - Speed Management Equipment****FUNDED**PROFILE NUMBER: **CM-66-2545**PROFILE TYPE: **Composite**BRANCH: **Traffic Safety & Automated Enforcement**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Current Approved Budget	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Approved Funding Sources												
	Traffic Safety Automated Enfmt Resrv	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Current Approved Funding Sources	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Requested Funding Source												
	Traffic Safety Automated Enfmt Resrv	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Requested Funding Source	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656
	Total	-	3,414	3,414	3,414	3,414	-	-	-	-	-	-	13,656

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NEIGHBOURHOOD (NBHD) RENEWAL**  
 PROFILE: **09-66-1056**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **January, 2018**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>248,334</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>248,334</b>

**PROFILE DESCRIPTION**

This Project represents a 2% Tax Levy allocation to Neighbourhood Renewal. In coordination with Program 09-66-1055.

This project provides for the preventative maintenance (slurry seal) and renewal (rehabilitation/reconstruction) of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. Funds are also provided for street lighting rehabilitation, mature tree management, and completion of missing multi-use trail connections. In addition funds are also provided for the mitigation of soft subgrade conditions that exist in the northeast area of the City (the boundary of the mitigation area includes; 50 Street - 82 Street and 153 Avenue - 167 Avenue))

2010 City Council Budget Deliberations - Motion 6.2 Passed Decrease to Neighbourhood Renewal Program - 2011 Operating Budget be reduced by \$4,500, on an ongoing basis and be allocated to the tax levy.

In 2010, provincial grants (AMIP and MSI) and Local Improvement Property share funding from 09-66-1055 were moved to 09-66-1056.

In 2011, City Council approved \$8.4M to facilitate snow removal equipment, including 20 truck sander/plow units, two loader units, and five snow blower attachments. 09-66-1056 is funding \$3.5M of this purchase to facilitate neighborhood snow removal during winter seasons. 2012 Spring SBA:

#34: Recognize additional Neighbourhood Tax Levy of \$4,457K, Local Improvement of \$2,590K and Developer Financing of \$175K available in 2011.

2011 Spring SBA:

BA35 Increase Neighbourhood Reserve to match that available in the reserve account.

BA36 Transfer MSI to 66-1020 to fund additional construction within that profile.

**PROFILE JUSTIFICATION**

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Policy #C433D, put in place by the City Council states that the City will cost share with property owners for the renewal of sidewalks and alleys through the Local Improvement Assessment.

The Pavement Investment Strategy (PIS) outlined a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

Current funding levels for neighbourhood renewal are 38% of renewal needs, the pavement conditions in mature neighbourhoods will continue to deteriorate over the next five years.

Impact on Operating:

Operating Impacts are determined by unfunded roadway renewal needs addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Neighbourhood (NBHD) Renewal****FUNDED**PROFILE NUMBER: **09-66-1056**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	185,279	-	-	-	-	-	-	-	-	-	-	185,279
	2009 CBS Budget Adjustment	-3,596	-	-	-	-	-	-	-	-	-	-	-3,596
	2010 CBS Budget Adjustment	40,659	-	-	-	-	-	-	-	-	-	-	40,659
	2011 CBS Budget Adjustment	-25,281	-	-	-	-	-	-	-	-	-	-	-25,281
	2012 CBS Budget Adjustment	43,666	-	-	-	-	-	-	-	-	-	-	43,666
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	1,790	-1,790	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	5,817	-	-	-	-	-	-	-	-	-	-	5,817
	2015 Cap Council	-	1,790	-	-	-	-	-	-	-	-	-	1,790
	Current Approved Budget	248,334	-	-	-	-	-	-	-	-	-	-	248,334
	Approved Funding Sources												
	AMIP	31,475	-	-	-	-	-	-	-	-	-	-	31,475
	Developer Financing	175	-	-	-	-	-	-	-	-	-	-	175
	Local Improvements Prop. Share	16,079	-	-	-	-	-	-	-	-	-	-	16,079
	Munc Sustain. Initiative - MSI	90,715	-	-	-	-	-	-	-	-	-	-	90,715
	Neighborhood Renewal Reserve	7,392	-	-	-	-	-	-	-	-	-	-	7,392
	Pay-As-You-Go - NBHR	102,498	-	-	-	-	-	-	-	-	-	-	102,498
	Current Approved Funding Sources	248,334	-	-	-	-	-	-	-	-	-	-	248,334

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	248,334	-	-	-	-	-	-	-	-	-	-	248,334
	Requested Funding Source												
	AMIP	31,475	-	-	-	-	-	-	-	-	-	-	31,475
	Developer Financing	175	-	-	-	-	-	-	-	-	-	-	175
	Local Improvements Prop. Share	16,079	-	-	-	-	-	-	-	-	-	-	16,079
	Munc Sustain. Initiative - MSI	90,715	-	-	-	-	-	-	-	-	-	-	90,715
	Neighborhood Renewal Reserve	7,392	-	-	-	-	-	-	-	-	-	-	7,392
	Pay-As-You-Go - NBHR	102,498	-	-	-	-	-	-	-	-	-	-	102,498
	Requested Funding Source	248,334	-	-	-	-	-	-	-	-	-	-	248,334

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	7,607	-	-	-	-	-	-	-	-	-	-	7,607
	Other Costs	240,727	-	-	-	-	-	-	-	-	-	-	240,727
	Total	248,334	-	-	-	-	-	-	-	-	-	-	248,334

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC CONTROL REHABILITATION**  
 PROFILE: **09-66-1210**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Control**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Roads</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,395</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,395</b>

**PROFILE DESCRIPTION**

This Project Profile includes funding for rehabilitation of aging traffic control infrastructure and the Traffic Management Centre to maintain safe and efficient operation of the existing traffic control infrastructure.

1. Replace aging traffic signal controllers. Traffic controllers have a service life of 10 to 15 years. Numerous controllers have exceeded this life cycle. A total of 350 traffic controllers have been identified for replacement as per ITS (ATMS) report. 2004 was the first year for implementation of TSII traffic controllers.
2. Rehabilitation/replacement of traffic signals equipment that has exceeded its life cycle to ensure a safe and efficient operation. Funding may support signal rehab / replacement for specific locations in conjunction with Capital road projects.
3. The Central Traffic Computer Control System (CRC) was commissioned in 1994. The current CRC must be replaced to accommodate the move towards supporting implementation of new traffic controller technology and will include Transit Signal Priority in support of HST and further ITS initiatives. Replacement of the CRC commenced in 2008 and was funded in the 2008 Program.
4. Replace aging overhead sign structures and accompanying wood signs. In conjunction with the Office of Infrastructure, the City has assessed the condition of the Overhead Guide sign infrastructure. There are just over 300 overhead sign structures of which approximately 55 are made of wood and installed on structures which were not galvanized. These structures and accompanying signs are in either D or F condition and are near the end or past their service life.

Fall 2012:

#67: Transfer EPCOR Rebate to the projects that are utilizing the rebate.

2012 Spring SBA:

#37: Transfer funding from 12-66-1210, of \$35K, to fund the overage in Pay As You Go in 2011.

2011 Spring SBA:

BA39 Switch GF with MSI to recognize utilization of grant.

**PROFILE JUSTIFICATION**

TMP Strategic Goal C: Make effective and efficient use of the Transportation Systems.

TMP Strategic Goal F: Develop, operate and maintain the Transportation System in a safe and serviceable manner.

TMP Policy F4: Given high priority to the preservation, maintenance and repair of existing Transportation facilities in order to avoid or defer the need for costly infrastructure replacement.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Control Rehabilitation****FUNDED**PROFILE NUMBER: **09-66-1210**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,700	-	-	-	-	-	-	-	-	-	-	4,700
	2009 CBS Budget Adjustment	503	-	-	-	-	-	-	-	-	-	-	503
	2010 CBS Budget Adjustment	459	-	-	-	-	-	-	-	-	-	-	459
	2011 CBS Budget Adjustment	-412	-	-	-	-	-	-	-	-	-	-	-412
	2012 CBS Budget Adjustment	144	-	-	-	-	-	-	-	-	-	-	144
	2013 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Carry Forward	1	-1	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	1	-	-	-	-	-	-	-	-	-	1
	Current Approved Budget	5,395	-	-	-	-	-	-	-	-	-	-	5,395
	Approved Funding Sources												
	Fuel Rebate	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	1,578	-	-	-	-	-	-	-	-	-	-	1,578
	Pay-As-You-Go	2,817	-	-	-	-	-	-	-	-	-	-	2,817
	Current Approved Funding Sources	5,395	-	-	-	-	-	-	-	-	-	-	5,395

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,395	-	-	-	-	-	-	-	-	-	-	5,395
	Requested Funding Source												
	Fuel Rebate	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	1,578	-	-	-	-	-	-	-	-	-	-	1,578
	Pay-As-You-Go	2,817	-	-	-	-	-	-	-	-	-	-	2,817
	Requested Funding Source	5,395	-	-	-	-	-	-	-	-	-	-	5,395

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1	-	-	-	-	-	-	-	-	-	-	1
	Other Costs	5,394	-	-	-	-	-	-	-	-	-	-	5,394
	Total	5,395	-	-	-	-	-	-	-	-	-	-	5,395

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HORSE HILLS SNOW STORAGE FACILITIES**  
 PROFILE: **09-66-1960**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Snow Storage Facilities**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>24,131</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>24,131</b>

**PROFILE DESCRIPTION**

This single profile is for the completion of the Horsehills Snow Storage Expansion. The funds from 2009-2011 budget will allow for completion of the project with no additional funds.

Tangible benefits to be realized from this investment include greater capacity for snow storage towards meeting service level commitments to Citizens.

Intangible benefits to be realized from this investment include more efficient movement of goods and people resulting from timely snow removal on road networks and reduced environmental impacts.

Fall 2012:

#67: Funding required in 12-66-1430 to cover landscaping improvements of the NE LRT line (\$500K) and in 09-66-1440 to cover shortfall due to higher than estimated construction costs. Funding is available in 09-66-1960 as the project is ending with construction lower than anticipated.  
 #68: Correct wrong grant inputted during the SBA when transferring land budget from Horse Hills to Kennedale.

2012 Spring SBA:

#36: Funds originally budgeted in 09-66-1960 for the purchase of Kennedale Snow Storage Land, totalling \$1,540K, are being transferred to Kennedale Snow Storage Rehabilitation single profile 12-66-1682.

**PROFILE JUSTIFICATION**

The City will be unable to meet public service commitments and environmental compliance in the short and long term, if this program does not continue.

T.A.C.'s Winter maintenance operations Code of Practice for maintenance yards.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA).

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675. The winter maintenance operations code of Practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

Impacts on Operating:

Operating impacts are determined by inventory growth of roads addressed in Operating Service Packages.

**CHANGES TO APPROVED PROFILE**

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Horse Hills Snow Storage Facilities****FUNDED**PROFILE NUMBER: **09-66-1960**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	40,332	-	-	-	-	-	-	-	-	-	-	40,332
	2009 CBS Budget Adjustment	1,701	-	-	-	-	-	-	-	-	-	-	1,701
	2010 CBS Budget Adjustment	-11,827	-	-	-	-	-	-	-	-	-	-	-11,827
	2011 CBS Budget Adjustment	-6,516	-	-	-	-	-	-	-	-	-	-	-6,516
	2012 CBS Budget Adjustment	-90	-	-	-	-	-	-	-	-	-	-	-90
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	831	-	-	-	-	-	-	-	-	-	-	831
	2014 Cap Carry Forward	-365	365	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-300	-	-	-	-	-	-	-	-	-	-	-300
	Current Approved Budget	23,766	365	-	-	-	-	-	-	-	-	-	24,131
	Approved Funding Sources												
	Fuel Rebate	5,760	-778	-	-	-	-	-	-	-	-	-	4,982
	Munc Sustain. Initiative - MSI	17,000	1,144	-	-	-	-	-	-	-	-	-	18,144
	Pay-As-You-Go	1,005	-	-	-	-	-	-	-	-	-	-	1,005
	Current Approved Funding Sources	23,766	365	-	-	-	-	-	-	-	-	-	24,131

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	23,766	365	-	-	-	-	-	-	-	-	-	24,131
	Requested Funding Source												
	Fuel Rebate	5,760	-778	-	-	-	-	-	-	-	-	-	4,982
	Munc Sustain. Initiative - MSI	17,000	1,144	-	-	-	-	-	-	-	-	-	18,144
	Pay-As-You-Go	1,005	-	-	-	-	-	-	-	-	-	-	1,005
	Requested Funding Source	23,766	365	-	-	-	-	-	-	-	-	-	24,131

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	23,766	365	-	-	-	-	-	-	-	-	-	24,131
	Total	23,766	365	-	-	-	-	-	-	-	-	-	24,131

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP ARTERIAL RENEWAL - COMPOSITE**  
 PROFILE: **12-66-1020**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Composite
PROFILE MANAGER:	Gord Cebryk
LEAD BRANCH MANAGER:	Barry Belcourt
ESTIMATED START:	January, 2012
ESTIMATED COMPLETION:	December, 2015

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>53,331</b>
-3	103	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>53,331</b>

**PROFILE DESCRIPTION**

This project addresses deteriorating arterial road conditions and provides preventative renewal measures to ensure and maintain safety of vehicle and pedestrian safety.

This project provides for the renewal of roadway base, paving, curbs, gutters, and sidewalks on existing arterial and primary highway roadways, as well as upgrading of oiled/gravel rural arterial truck routes. Work also includes pavement markings, minor geometric improvements, minor new sidewalk connections, minor traffic signal/controller rehabilitation, streetlighting, as well as land acquisition on the arterial network. The Pavement Investment Strategy outlines a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term. Primary Highway/Arterial roadways are a priority due to the high traffic volumes and cost sharing eligibility with the Province and other municipalities.

This project is coordinated with the Bridge Rehabilitation projects, Roadway Renewal projects, Transit Growth Priorities, Streetscape projects, and Neighbourhood/Collector Roadway Renewal projects. Operating and maintenance cost increases can be avoided through timely renewal of primary highways/arterials. To clarify, crack sealing of roadways is a cost effective preventative maintenance activity that will maintain structural capacity and mitigate the effects of frost and water damage unavoidable in Edmonton's changing climate, only if completed shortly after road paving.

Major Roads Reconstruction projects planned to commence between 2012-2014 (pending funding availability) include the following:  
 112 Avenue: 50-68 Street  
 63 Avenue: 100-103 Street  
 127 Street: 118-YHT

Projects within this initiative are coordinated among the department branches (Transportation Planning, Roads Design and Construction, Transit, Transportation Operations) and interdepartmentally (Drainage Services, Sustainable Development, Great Neighbourhoods).

**PROFILE JUSTIFICATION**

Current average PQI (Pavement Quality Index) rating is 6.1. PQI is expected to deteriorate to 5.1 by the year 2014 if program funding is not maintained at a minimum of \$60M annually. Population growth and other demographic factors result in an increasing usage rate of arterial roads. To ensure the safety of vehicle, bus and pedestrian safety, arterial networks must be maintained and proactively renewed before its condition requires major reconstruction. The risks of allowing road conditions to deteriorate further are many, including risk to overall traffic safety and road renewal projects progressing to full road reconstruction. This will result in an increasing number of potholes, causing Citizen satisfaction levels to decrease. Arterial networks move traffic efficiently through and around the City. Deteriorating road conditions will significantly negatively impact the efficient movement of traffic and public satisfaction.

The pavement condition ratings will continue to decrease over the next 5 years. Current average PQI (Pavement Quality Index) rating is 6.1. This program is divided into major categories: Arterial Reconstruction, Arterial Renewal, Primary Hwy, and Rural Road Renewal.

This profile achieves the following outcomes.

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

# CAPITAL PROFILE REPORT

## COST BENEFITS

Tangible benefits include rehabilitating aging roads structures before they deteriorate to a condition requiring full reconstruction which then costs up to four times higher. Intangible benefits include more efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced safety for vehicles and pedestrians, reduced volume of collisions, fatalities, and infrastructure damages, and others.

## KEY RISKS & MITIGATING STRATEGY

Streetscape projects depend on the progress of Sustainable Development and Great Neighbourhoods. Arterial renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT).

## RESOURCES

Capital investment in this program requires at minimum \$40M+ for 2012, plus 5% per year thereafter, to sustain PQI ratings at or above current levels (6.1) per the Pavement Investment Strategy.

## CHANGES TO APPROVED PROFILE

Fall 2012

Defer Sh. Pk Fwy and 124 St: 109 - 118 Ave

Add locations:

- Stony Plain Road (102 Ave to Groat Rd)
- 87 Ave both directions from east of 182 St to 189 St
- 23 Ave eastbound from 119 to 111 St
- 50 St southbound from A Henday Drive to Ellerslie Rd
- 69 Ave - 178 to 184 St
- 142 St from 118 to Yellowhead

- 137 Ave EBD from 121 St to 113A St Fall 2012: BA#66: Transfer funding of three locations to 12-66-1022, 13-66-1023 and 13-66-1024 as these projects are \$5,000k or greater and therefore should be a single project.

2011:

#39: 09-66-1020 experienced an overage of \$45K in 2011. MSI has been switched with Fuel Rebate.

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **ARP Arterial Renewal - Composite****FUNDED**PROFILE NUMBER: **12-66-1020**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	31,793	-	-	-	-	-	-	-	-	-	-	31,793
	2012 CBS Budget Adjustment	-5,566	-	-	-	-	-	-	-	-	-	-	-5,566
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	22,427	-	-	-	-	-	-	-	-	-	-	22,427
	2014 Cap Capital Budget Adj (one-off)	-900	-	-	-	-	-	-	-	-	-	-	-900
	2014 Cap Carry Forward	-3,760	3,760	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	7,358	7,850	-	-	-	-	-	-	-	-	-	15,208
	2014 SCBA Transfers >\$250K<\$1M	-900	-	-	-	-	-	-	-	-	-	-	-900
	2014 SCBA Within Branch	-28	-	-	-	-	-	-	-	-	-	-	-28
	2014 SCBA Within Dept <\$250K	-300	-	-	-	-	-	-	-	-	-	-	-300
	2014 SCBA Within Profile	-250	250	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-8,403	-	-	-	-	-	-	-	-	-	-8,403
	Current Approved Budget	49,874	3,457	-	-	-	-	-	-	-	-	-	53,331
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Deferred Revenue	1,200	-	-	-	-	-	-	-	-	-	-	1,200
	Fuel Rebate	28,099	-11,546	-	-	-	-	-	-	-	-	-	16,553
	Local Improvements Prop. Share	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	9,119	11,947	-	-	-	-	-	-	-	-	-	21,066
	Pay-As-You-Go	11,456	3,056	-	-	-	-	-	-	-	-	-	14,513
	Current Approved Funding Sources	49,874	3,457	-	-	-	-	-	-	-	-	-	53,331

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	49,874	3,457	-	-	-	-	-	-	-	-	-	53,331
	Requested Funding Source												
	Deferred Revenue	1,200	-	-	-	-	-	-	-	-	-	-	1,200
	Fuel Rebate	28,099	-11,546	-	-	-	-	-	-	-	-	-	16,553
	Local Improvements Prop. Share	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	9,119	11,947	-	-	-	-	-	-	-	-	-	21,066
	Pay-As-You-Go	11,456	3,056	-	-	-	-	-	-	-	-	-	14,513
	Requested Funding Source	49,874	3,457	-	-	-	-	-	-	-	-	-	53,331

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	3,474	3,457	-	-	-	-	-	-	-	-	-	6,931
	Design	-2,254	-	-	-	-	-	-	-	-	-	-	-2,254
	Other Costs	48,654	-	-	-	-	-	-	-	-	-	-	48,654
	Total	49,874	3,457	-	-	-	-	-	-	-	-	-	53,331

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **63 AVE, 99-104 ST**  
 PROFILE: **12-66-1022**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,606</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,606</b>

**PROFILE DESCRIPTION**

This single project is for arterial reconstruction at 63 Avenue, 99-104 Street. The City manages its arterial road infrastructure construction using its Pavement Life Cycle Model. This model uses a Pavement Quality Index (PQI) rating to assess the overall condition of the asset. Through this model, the City is able to identify the various types of rehabilitation as well as the optimal schedule for rehabilitation, to provide maximum life expectancy of arterial roadways. Arterial reconstruction projects are necessary due to pavement conditions that have deteriorated to a level beyond simple renewal due to various factors including higher traffic volumes and delayed preventative renewal. Reconstruction requires complete rehabilitation of roadway base, paving, curbs, gutters, and sidewalks. Work also includes pavement markings, minor geometric improvements, minor new sidewalk connections, minor traffic signal/controller rehabilitation, streetlighting, as well as land acquisition on the arterial network.

The Pavement Investment Strategy outlines a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term. Generally, reconstruction projects are coordinated with Bridge Rehabilitation projects, Roadway Renewal projects, Transit Growth Priorities, Streetscape projects, and Neighbourhood/Collector Roadway Renewal projects. Operating and maintenance cost increases can be avoided through timely renewal of primary highways/arterials. Crack sealing of roadways is a cost effective preventative maintenance activity that will maintain structural capacity and mitigate the effects of frost and water damage unavoidable in Edmonton's changing climate, only if completed shortly after road paving.

"Tangible benefits to be realized from this investment include rehabilitating the aging roads structures to ensure continued safety for travelers and effectiveness of roads networks for moving goods and people efficiently in and around the City. Intangible benefits to be realized from this investment include more efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced safety for vehicles and pedestrians, reduced volume of collisions, fatalities, and infrastructure damages, and others. Stakeholders include the Citizens at large, travelers in and around the City, other departments, and other municipalities. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Streetscape projects depend on the progress of Sustainable Development and Great Neighbourhoods. Arterial renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT).

Tangible benefits to be realized from this investment include rehabilitating the aging roads structures to ensure continued safety for travelers and effectiveness of roads networks for moving goods and people efficiently in and around the City. Intangible benefits to be realized from this investment include more efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced safety for vehicles and pedestrians, reduced volume of collisions, fatalities, and infrastructure damages, and others. Stakeholders include the Citizens at large, travelers in and around the City, other departments, and other municipalities. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Streetscape projects depend on the progress of Sustainable Development and Great Neighbourhoods. Arterial renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT).

Fall 2012:

#66: Transfer funding from 66-1020 as this project is \$5,000k or greater and therefore should be a single project.

# CAPITAL PROFILE REPORT

Profile Page 2

## PROFILE JUSTIFICATION

### Justification

Current PQI (Pavement Quality Index) rating is 0.1, indicating severe deterioration causing a high risk to safety. Deterioration will be expedited if reconstruction is not pursued in a timely manner. Risk of not reconstructing this road segment will result in a significant risk to traffic safety. Temporary repairs will be executed from operating dollars budgets in advance of reconstruction presenting a further risk of budget overruns should the damages exceed the resources available. An increasing number of potholes will be very evident to the Citizen, causing satisfaction levels to decrease. Population growth and other demographic factors result in an increasing usage rate of arterial roads and as such, must be maintained to preserve public safety and satisfactory service levels. The overall pavement condition rating for this location is currently 0.1. This rating indicates that road conditions have deteriorated to a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate, thus constituting a need for timely reconstruction to maintain traffic safety. Significant operating dollars will be expended to provide temporary repairs of potholes until such time as the road is reconstructed. Potholes will become obvious and evident to Citizens, causing immediate reaction and dissatisfaction to travelers in the area.

This profile achieves the following outcomes:

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

## CHANGES TO APPROVED PROFILE

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **63 Ave, 99-104 St****FUNDED**PROFILE NUMBER: **12-66-1022**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,850	-	-	-	-	-	-	-	-	-	-	4,850
	2012 CBS Budget Adjustment	196	-	-	-	-	-	-	-	-	-	-	196
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	4,950	-	-	-	-	-	-	-	-	-	-	4,950
	2014 Cap Carry Forward	-390	390	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	900	-	-	-	-	-	-	-	-	-	-	900
	2015 Cap Administrative	-	-290	-	-	-	-	-	-	-	-	-	-290
	Current Approved Budget	10,506	100	-	-	-	-	-	-	-	-	-	10,606
	Approved Funding Sources												
	Fuel Rebate	10,159	-6,162	-	-	-	-	-	-	-	-	-	3,997
	Munc Sustain. Initiative - MSI	-697	6,262	-	-	-	-	-	-	-	-	-	5,565
	Pay-As-You-Go	1,044	-	-	-	-	-	-	-	-	-	-	1,044
	Current Approved Funding Sources	10,506	100	-	-	-	-	-	-	-	-	-	10,606

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,506	100	-	-	-	-	-	-	-	-	-	10,606
	Requested Funding Source												
	Fuel Rebate	10,159	-6,162	-	-	-	-	-	-	-	-	-	3,997
	Munc Sustain. Initiative - MSI	-697	6,262	-	-	-	-	-	-	-	-	-	5,565
	Pay-As-You-Go	1,044	-	-	-	-	-	-	-	-	-	-	1,044
	Requested Funding Source	10,506	100	-	-	-	-	-	-	-	-	-	10,606

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	510	100	-	-	-	-	-	-	-	-	-	610
	Other Costs	9,996	-	-	-	-	-	-	-	-	-	-	9,996
	Total	10,506	100	-	-	-	-	-	-	-	-	-	10,606

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BRIDGE REHABILITATION**  
 PROFILE: **12-66-1040**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Rehabilitation**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,355</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,355</b>

**PROFILE DESCRIPTION**

This project provides for the rehabilitation of existing bridges/structures that have reached the end of their life span, in accordance with the Bridge Investment Strategy.

The Bridge Investment Strategy includes regular inspection of all bridges, allowing current conditions and deterioration rates to be monitored and assessed. Targets for the Bridge Investment Strategy are being developed, ensuring that a bridge's condition does not decline to a level beyond rehabilitation and unsafe utilization. This profile also provides culvert replacements (2 per year), preventative maintenance and capital improvements/overlays (3 per year), and Intelligent Maintenance Systems. Condition Assessments are conducted for proposed bridges that are candidates for rehabilitation to identify rehabilitation alternatives and investigate requirements for geometric modifications to be undertaken in conjunction with the rehabilitation work. This project is also coordinated with the Arterial/Primary Highway/ Road Renewal program.

Major bridge rehabilitation projects scheduled to start between 2012-2014, include the following:

82 Ave (over Argyll Road Connector) [12-66-1042]  
 25 (30) Avenue SW over Blackmud Creek [12-66-1043]  
 CPR Tunnel at 109 St/Saskatchewan Drive  
 Ellerslie Road (over Blackmud Creek)  
 EB Grierson Rd (over McDougall/Scona Road)  
 Stony Plain Road (over Groat Road)  
 102 Avenue (over Groat Road) [12-66-1041]  
 Whitemud Drive/Rainbow Valley Bridge WB/EB  
 Groat Road (over N. Saskatchewan River and River Valley Road)

Planned capital investment for 2012-2014 is \$38.5M, sufficient to rehabilitate bridge structures that are of immediate concern. The recommended base capital investment in this program is \$9M annually plus 5% per year thereafter, to monitor bridge conditions, provide culvert replacements, preventative maintenance, and minor capital improvements. Ongoing operating impact is estimated at \$150,000 per year for utilities, maintenance, repairs.

Staffing is currently available within the existing FTE complement, and will be determined and requested as necessary.

Tangible benefits to be realized from this investment include rehabilitating aging bridge structures before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider the emerging trends and effects of travelers, to achieve benefits over its full asset life.

Intangible benefits to be realized from this investment include more efficient movement of goods and people. As well, the City has opportunities to consider architectural innovations for bridge designs to enhance the attractiveness of the Cityscape.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Bridge renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT) to minimize impact on traffic routes.

# CAPITAL PROFILE REPORT

Profile Page 2

## PROFILE JUSTIFICATION

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly negatively impact the efficient movement of traffic.

The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety.

This profile achieves the following outcomes.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

## CHANGES TO APPROVED PROFILE

#15-41 (Fall 2015): Switch funding source to cover MSI ineligible costs. Swap MSI/GF with profile 12-66-1040.

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Bridge Rehabilitation****FUNDED**PROFILE NUMBER: **12-66-1040**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	12,823	-	-	-	-	-	-	-	-	-	-	12,823
	2012 CBS Budget Adjustment	-8,496	-	-	-	-	-	-	-	-	-	-	-8,496
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	6,401	-	-	-	-	-	-	-	-	-	-	6,401
	2014 Cap Carry Forward	-2,755	2,755	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	64	-	-	-	-	-	-	-	-	-	-	64
	2015 Cap Administrative	-	-137	-	-	-	-	-	-	-	-	-	-137
	2015 Cap Council	-	-1,300	-	-	-	-	-	-	-	-	-	-1,300
	Current Approved Budget	8,037	1,318	-	-	-	-	-	-	-	-	-	9,355
	Approved Funding Sources												
	Fuel Rebate	10,173	-5,583	-	-	-	-	-	-	-	-	-	4,590
	Munc Sustain. Initiative - MSI	-3,093	6,591	-	-	-	-	-	-	-	-	-	3,498
	Pay-As-You-Go	958	310	-	-	-	-	-	-	-	-	-	1,268
	Current Approved Funding Sources	8,037	1,318	-	-	-	-	-	-	-	-	-	9,355

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,037	1,318	-	-	-	-	-	-	-	-	-	9,355
	Requested Funding Source												
	Fuel Rebate	10,173	-5,583	-	-	-	-	-	-	-	-	-	4,590
	Munc Sustain. Initiative - MSI	-3,093	6,591	-	-	-	-	-	-	-	-	-	3,498
	Pay-As-You-Go	958	310	-	-	-	-	-	-	-	-	-	1,268
	Requested Funding Source	8,037	1,318	-	-	-	-	-	-	-	-	-	9,355

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,691	1,318	-	-	-	-	-	-	-	-	-	-1,373
	Other Costs	10,728	-	-	-	-	-	-	-	-	-	-	10,728
	Total	8,037	1,318	-	-	-	-	-	-	-	-	-	9,355

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **82 AVE (OVER ARGYLL RD CONNECTOR)**  
 PROFILE: **12-66-1042**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,350</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,350</b>

**PROFILE DESCRIPTION**

This single project is in conjunction with the 1040 Bridge Rehabilitation Composite program.

This profile is estimated at \$9M.

This project provides for the rehabilitation of existing bridges/structures that have reached the end of their life span, in accordance with the Bridge Investment Strategy. The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety. This structure has been identified for rehabilitation. This project is also coordinated with the Arterial/Primary Highway/ Road Renewal program.

Tangible benefits to be realized from this investment include rehabilitating aging bridge structures before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider the emerging trends and effects of travelers, to achieve benefits over its full asset life.

Intangible benefits to be realized from this investment include more efficient movement of goods and people. As well, the City has opportunities to consider architectural innovations for bridge designs to enhance the attractiveness of the Cityscape.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Bridge renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT) to minimize impact on traffic routes.

Fall 2012:

BA#67: Funding required in 09-66-1440 as project is over budget due to rising construction cost compared to project estimates. Funding freed up in 12-66-1042 as the bridge contractors were efficient, which reduced the construction costs.

**PROFILE JUSTIFICATION**

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly negatively impact the efficient movement of traffic.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

As part of the Bridge Investment Strategy (B.I.S.), all bridge structures are inspected regularly, allowing current condition and deterioration rates to be monitored and assessed. Targets for the Bridge Investment Strategy are currently being developed. The condition of bridges will not decline to a level beyond rehabilitation thus avoiding unsafe bridges.

This project is also coordinated with the Arterial/Primary Highway Renewal/Crack Sealing project.

Impact on Operating:

Operating Impacts are determined by Unfunded Bridge Renewal Needs addressed in Operating Service Packages.

**CHANGES TO APPROVED PROFILE**

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **82 Ave (over Argyll Rd Connector)****FUNDED**PROFILE NUMBER: **12-66-1042**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,000	-	-	-	-	-	-	-	-	-	-	9,000
	2012 CBS Budget Adjustment	-3,053	-	-	-	-	-	-	-	-	-	-	-3,053
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,803	-	-	-	-	-	-	-	-	-	-	1,803
	2014 Cap Carry Forward	-117	117	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-1,400	-	-	-	-	-	-	-	-	-	-	-1,400
	2015 Cap Capital Budget Adj (one-off)	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	6,233	117	-	-	-	-	-	-	-	-	-	6,350
	Approved Funding Sources												
	Fuel Rebate	5,928	-99	-	-	-	-	-	-	-	-	-	5,829
	Munc Sustain. Initiative - MSI	-100	199	-	-	-	-	-	-	-	-	-	99
	Pay-As-You-Go	404	18	-	-	-	-	-	-	-	-	-	422
	Current Approved Funding Sources	6,233	117	-	-	-	-	-	-	-	-	-	6,350

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	6,233	117	-	-	-	-	-	-	-	-	-	6,350
	Requested Funding Source												
	Fuel Rebate	5,928	-99	-	-	-	-	-	-	-	-	-	5,829
	Munc Sustain. Initiative - MSI	-100	199	-	-	-	-	-	-	-	-	-	99
	Pay-As-You-Go	404	18	-	-	-	-	-	-	-	-	-	422
	Requested Funding Source	6,233	117	-	-	-	-	-	-	-	-	-	6,350

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,517	117	-	-	-	-	-	-	-	-	-	-1,400
	Other Costs	7,750	-	-	-	-	-	-	-	-	-	-	7,750
	Total	6,233	117	-	-	-	-	-	-	-	-	-	6,350

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **25 (30) AVE SW BLACKMUD CREEK**  
 PROFILE: **12-66-1043**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,114</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,114</b>

**PROFILE DESCRIPTION**

This single project is in conjunction with the 1040 Bridge Rehabilitation Composite program.

This project is estimated at \$5.41M.

This project provides for the rehabilitation of existing bridges/structures that have reached the end of their life span, in accordance with the Bridge Investment Strategy. The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety. This structure has been identified for rehabilitation. This project is also coordinated with the Arterial/Primary Highway/ Road Renewal program.

Tangible benefits to be realized from this investment include rehabilitating aging bridge structures before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider the emerging trends and effects of travelers, to achieve benefits over its full asset life.

Intangible benefits to be realized from this investment include more efficient movement of goods and people. As well, the City has opportunities to consider architectural innovations for bridge designs to enhance the attractiveness of the Cityscape.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Bridge renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT) to minimize impact on traffic routes.

Fall 2012 SBA:

#60: Additional \$1.713M is required due to increases in costs

#68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly and negatively impact the efficient movement of traffic.

The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety and prevent the bridge condition from declining to a level beyond rehabilitation.

This profile achieves the following outcomes.

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

Impact on Operating:

Operating Impacts are determined by unfunded roadway renewal needs addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **25 (30) Ave SW Blackmud Creek****FUNDED**PROFILE NUMBER: **12-66-1043**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,150	-	-	-	-	-	-	-	-	-	-	7,150
	2012 CBS Budget Adjustment	-113	-	-	-	-	-	-	-	-	-	-	-113
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	113	-	-	-	-	-	-	-	-	-	-	113
	2014 Cap Carry Forward	-233	233	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-1,036	-	-	-	-	-	-	-	-	-	-	-1,036
	Current Approved Budget	5,881	233	-	-	-	-	-	-	-	-	-	6,114
	Approved Funding Sources												
	Developer ARA	5,340	233	-	-	-	-	-	-	-	-	-	5,573
	Pay-As-You-Go	541	-	-	-	-	-	-	-	-	-	-	541
	Current Approved Funding Sources	5,881	233	-	-	-	-	-	-	-	-	-	6,114

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	5,881	233	-	-	-	-	-	-	-	-	-	6,114
	Requested Funding Source												
	Developer ARA	5,340	233	-	-	-	-	-	-	-	-	-	5,573
	Pay-As-You-Go	541	-	-	-	-	-	-	-	-	-	-	541
	Requested Funding Source	5,881	233	-	-	-	-	-	-	-	-	-	6,114

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	5,881	233	-	-	-	-	-	-	-	-	-	6,114
	Total	5,881	233	-	-	-	-	-	-	-	-	-	6,114

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GROAT ROAD OVER N. SASK. RIVER**  
 PROFILE: **12-66-1044**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Gord Cebryk**

LEAD BRANCH MANAGER: **Barry Belcourt**

ESTIMATED START: **January, 2012**

ESTIMATED COMPLETION: **December, 2019**

Service Category: **Roads**

Major Initiative:

<b>GROWTH</b>	<b>RENEWAL</b>
	<b>100</b>

<b>PREVIOUSLY APPROVED:</b>	<b>37,215</b>
<b>BUDGET REQUEST:</b>	<b>-</b>
<b>TOTAL PROFILE BUDGET:</b>	<b>37,215</b>

**PROFILE DESCRIPTION**

This single project is in conjunction with the CM-66-2400 Composite Bridge Program, and includes renewal of the Groat Road over North Saskatchewan River, Groat Road over Victoria Park Road and Emily Murphy Park Road over Groat Road Bridges. Based on a recent evaluation of these bridges the Groat Road over the North Saskatchewan River structure does not have the capacity to carry the Alberta Legal Design Truck Loading nor the present day design loading. This project would include major rehabilitation of the Groat Road over North Saskatchewan River and Groat Road over Victoria Park Road bridges, as well as a minor rehabilitation of the Emily Murphy Park Road over Groat Road bridge. Renewal work may include bridge strengthening, concrete rehabilitation, bridge rail upgrading and possible sidewalk widening.

**PROFILE BACKGROUND**

Renewal of the Groat Road bridges is recommended due to deteriorating conditions and the requirement to strengthen the structural members to support current design loads. This renewal will provide the opportunity to improve the functionality of the structures.

**PROFILE JUSTIFICATION**

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly and negatively impact the efficient movement of traffic. The Groat Road over the North Saskatchewan River and Groat Road over Victoria Park Road bridges were built in 1955 and last rehabilitated in 1990. The Emily Murphy Park Road over Groat Road Bridge was built in 1967 and last rehabilitated in 1985. Renewal of these bridges is required to address load carrying capacity, functional deficiency and ongoing deterioration.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving access and mobility for commuters. By providing a shared use path on the bridge, this project will provide a safe passage for cyclists and pedestrians.

**ALTERNATIVES CONSIDERED**

An alternative strategy is to "do nothing" - defer the renewal to a later date, however the bridge condition will continue to deteriorate increasing the scope of the work.

**COST BENEFITS**

The tangible benefits to be realized from this investment include renewing the bridges before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider emerging trends and effects of travelers to achieve benefits over its full asset life. Intangible benefits include more efficient movement of goods, services and people.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external contractor to complete construction. The contractor will be selected through a tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this project be approved to renew the bridges.

**CHANGES TO APPROVED PROFILE**

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Groat Road over N. Sask. River****FUNDED**PROFILE NUMBER: **12-66-1044**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	650	-	-	-	-	-	-	-	-	-	-	650
	2012 CBS Budget Adjustment	2	-	-	-	-	-	-	-	-	-	-	2
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	98	-	-	-	-	-	-	-	-	-	-	98
	2014 Cap Budget Request for Next Cycle	-	500	1,500	2,000	15,000	17,465	-	-	-	-	-	36,465
	2014 Cap Carry Forward	-384	384	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	366	884	1,500	2,000	15,000	17,465	-	-	-	-	-	37,215
	Approved Funding Sources												
	Fuel Rebate	687	-489	-	-	-	-	-	-	-	-	-	198
BUDGET REQUEST	Munc Sustain. Initiative - MSI	-401	1,366	1,425	1,900	14,250	16,592	-	-	-	-	-	35,131
	Pay-As-You-Go	81	7	75	100	750	873	-	-	-	-	-	1,886
	Current Approved Funding Sources	366	884	1,500	2,000	15,000	17,465	-	-	-	-	-	37,215

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	366	884	1,500	2,000	15,000	17,465	-	-	-	-	-	37,215
	Requested Funding Source												
	Fuel Rebate	687	-489	-	-	-	-	-	-	-	-	-	198
	Munc Sustain. Initiative - MSI	-401	1,366	1,425	1,900	14,250	16,592	-	-	-	-	-	35,131
	Pay-As-You-Go	81	7	75	100	750	873	-	-	-	-	-	1,886
	Requested Funding Source	366	884	1,500	2,000	15,000	17,465	-	-	-	-	-	37,215

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-384	384	-	2,000	15,000	17,465	-	-	-	-	-	34,465
	Design	-	500	1,500	-	-	-	-	-	-	-	-	2,000
	Other Costs	750	-	-	-	-	-	-	-	-	-	-	750
	Total	366	884	1,500	2,000	15,000	17,465	-	-	-	-	-	37,215

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - CANORA (CONST.)**  
 PROFILE: **12-66-1054**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:   
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:   
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,981</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,981</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA:

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Canora (Const.)****FUNDED**PROFILE NUMBER: **12-66-1054**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	16,943	-	-	-	-	-	-	-	-	-	-	16,943
	2012 CBS Budget Adjustment	398	-	-	-	-	-	-	-	-	-	-	398
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	784	-	-	-	-	-	-	-	-	-	-	784
	2014 Cap Carry Forward	-92	92	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-3,052	-	-	-	-	-	-	-	-	-	-	-3,052
	2015 Cap Administrative	-	-92	-	-	-	-	-	-	-	-	-	-92
	Current Approved Budget	14,981	-	-	-	-	-	-	-	-	-	-	14,981
	Approved Funding Sources												
	Local Improvements Prop. Share	1,183	-	-	-	-	-	-	-	-	-	-	1,183
	Munc Sustain. Initiative - MSI	8,500	-	-	-	-	-	-	-	-	-	-	8,500
	Pay-As-You-Go - NBHR	5,298	-	-	-	-	-	-	-	-	-	-	5,298
	Current Approved Funding Sources	14,981	-	-	-	-	-	-	-	-	-	-	14,981

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	14,981	-	-	-	-	-	-	-	-	-	-	14,981
	Requested Funding Source												
	Local Improvements Prop. Share	1,183	-	-	-	-	-	-	-	-	-	-	1,183
	Munc Sustain. Initiative - MSI	8,500	-	-	-	-	-	-	-	-	-	-	8,500
	Pay-As-You-Go - NBHR	5,298	-	-	-	-	-	-	-	-	-	-	5,298
	Requested Funding Source	14,981	-	-	-	-	-	-	-	-	-	-	14,981

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-3,144	-	-	-	-	-	-	-	-	-	-	-3,144
	Other Costs	18,125	-	-	-	-	-	-	-	-	-	-	18,125
	Total	14,981	-	-	-	-	-	-	-	-	-	-	14,981

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP NEIGHBOURHOOD RENEWAL - COMPOSITE**  
 PROFILE: **12-66-1056**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Barry Belcourt**  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2017**

Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>119,478</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>119,478</b>

**PROFILE DESCRIPTION**

This project provides for the renewal (rehabilitation/reconstruction) of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways.

This program balances the immediate and long term renewal needs of neighbourhood roads by optimizing road work schedules that address immediate concerns while implementing preventative measures. This project provides for the renewal (rehabilitation/reconstruction) of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections. Another component of this program includes mitigation of soft subgrade conditions that exist in the northeast area of the City (the boundary of the mitigation area includes: 50 St-82 St, 153 Ave-167 Ave). A major funding source in this profile includes the Neighbourhood Renewal Tax Levy allocation of 2.0% in 2009 and 2010, and 1.5% in 2011 thereafter. As part of the Pavement Management Strategy, this program also includes construction of a Permanent Pavement Management Facility scheduled for 2012-2013. This program includes the following major categories: NBHD Reconstruction, NBHD Rehabilitation, Northeast Local/Collector Roads Soft Subgrade Mitigation, NBHD Collector Road Renewal, Inhouse Road Paving, Alley Renewal, & Pavement Investment Strategy.

The NBHD Renewal program includes the following major projects scheduled for commencement in 2012-2014:

Permanent Pavement Management Facility Construction [12-66-1073]: Currently in detailed design stage, this project commenced in 2009 and is ready for construction in 2012.

Pavement Management resources are currently housed in temporary facilities in different City yards. This facility will consolidate many of the resources into one permanent location, offering sufficient capacity for current and future needs, and cost and administrative savings.

NBHD Reconstruction (Target is 6 new starts per year):

Continue in 2012:  
Capilano [1056],  
West Jasper Place [1056],

Start in 2012:  
Dovercourt [1051],  
Canora [1054],  
King Edward Park [1057],  
Terrace Heights [1058],  
Windsor Park [1059],  
Woodcroft [1060],

Start in 2013:  
Argyll [1061],  
Delton [1063],  
Grovenor [1064],  
Hazeldeen [1065],  
North Glenora [1066],

Start in 2014:  
Glenora [1068],  
Cromdale [1067],  
Laurier Heights [1069]

NBHD Rehabilitation:  
2012

**CAPITAL PROFILE REPORT**

Wilson Industrial  
 Alberta Park Industrial  
 McNamara Industrial  
 Kennedale Industrial  
 Ekota  
 Bisset

2013  
 Belmead  
 Bannerman  
 Pollard Meadows  
 Lago Lindo  
 Aldergrove  
 Brander Gardens

2014  
 Ormsby Place (E of 187A ST)  
 Dechene  
 Newton  
 Sweet Grass  
 Ramsay Heights

This program requires \$115M-\$150M annually to achieve committed service levels. This program requires partial funding from other sources (e.g. MSI). Neighbourhood Tax Levy and 50/50 Sidewalk Reconstruction Local Improvement Tax Levy are available to partially offset the program requirements. Ongoing operating impact is estimated at \$100,000 per year for utilities, maintenance, repairs. Staffing is currently available within the existing FTE complement, and will be determined and requested as necessary.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructures in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Stakeholders include the residents, other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

**2012 Fall SBA:**

#12-66: Funds originally added through a Council Motion in December 2011 for the advancement of the Governor and Hazeldean Neighbourhood Reconstruction. These funds are now being transferred to the single projects 66-1064 and 66-1065.

# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

This profile achieves the following outcomes.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Policy #C433D, put in place by the City Council states that the City will cost share with property owners for the renewal of sidewalks and alleys through the Local Improvement Assessment.

The Pavement Investment Strategy (PIS) outlined a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

Current funding levels for neighbourhood renewal are 38% of renewal needs, the pavement conditions in mature neighbourhoods will continue to deteriorate over the next five years.

Impact on Operating:

Operating Impacts are determined by unfunded roadway renewal needs addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 4

PROFILE NAME: **NRP Neighbourhood Renewal - Composite****FUNDED**PROFILE NUMBER: **12-66-1056**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	124,912	30,502	-	-	-	-	-	-	-	-	-	155,414
	2012 CBS Budget Adjustment	-29,818	-	-	-	-	-	-	-	-	-	-	-29,818
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	30,797	-	-	-	-	-	-	-	-	-	-	30,797
	2014 Cap Budget Request for Next Cycle	1,700	-32,102	-1,600	-600	-	-	-	-	-	-	-	-32,602
	2014 Cap Carry Forward	-9,463	9,463	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-12,826	2,700	-	-	-	-	-	-	-	-	-	-10,126
	2014 SCBA Transfers >\$250K<\$1M	1,000	1,600	1,600	600	-	-	-	-	-	-	-	4,800
	2015 Cap Administrative	-	-68	-	-	-	-	-	-	-	-	-	-68
	2015 Cap Council	-	1,082	-	-	-	-	-	-	-	-	-	1,082
	Current Approved Budget	106,302	13,177	-	-	-	-	-	-	-	-	-	119,478
	Approved Funding Sources												
	Local Improvements Prop. Share	1,371	-	-	-	-	-	-	-	-	-	-	1,371
	Munc Sustain. Initiative - MSI	36,578	-	-	-	-	-	-	-	-	-	-	36,578
	Pay-As-You-Go	6,300	2,700	-	-	-	-	-	-	-	-	-	9,000
	Pay-As-You-Go - NBHR	62,053	10,477	-	-	-	-	-	-	-	-	-	72,530
	Current Approved Funding Sources	106,302	13,177	-	-	-	-	-	-	-	-	-	119,478

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	106,302	13,177	-	-	-	-	-	-	-	-	-	119,478
	Requested Funding Source												
	Local Improvements Prop. Share	1,371	-	-	-	-	-	-	-	-	-	-	1,371
	Munc Sustain. Initiative - MSI	36,578	-	-	-	-	-	-	-	-	-	-	36,578
	Pay-As-You-Go	6,300	2,700	-	-	-	-	-	-	-	-	-	9,000
	Pay-As-You-Go - NBHR	62,053	10,477	-	-	-	-	-	-	-	-	-	72,530
	Requested Funding Source	106,302	13,177	-	-	-	-	-	-	-	-	-	119,478

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-13,976	-18,925	-1,600	-600	-	-	-	-	-	-	-	-35,102
	Design	-6,613	-	-	-	-	-	-	-	-	-	-	-6,613
	Other Costs	126,891	32,102	1,600	600	-	-	-	-	-	-	-	161,193
	Total	106,302	13,177	-	-	-	-	-	-	-	-	-	119,478

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - WOODCROFT (CONST.)**  
 PROFILE: **12-66-1060**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>19,597</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>19,597</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA:

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Woodcroft (Const.)****FUNDED**PROFILE NUMBER: **12-66-1060**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	14,864	-	-	-	-	-	-	-	-	-	-	14,864
	2012 CBS Budget Adjustment	1,653	-	-	-	-	-	-	-	-	-	-	1,653
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	173	-	-	-	-	-	-	-	-	-	-	173
	2014 Cap Carry Forward	46	-46	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	2,861	-	-	-	-	-	-	-	-	-	-	2,861
	2015 Cap Administrative	-	46	-	-	-	-	-	-	-	-	-	46
	Current Approved Budget	19,597	-	-	-	-	-	-	-	-	-	-	19,597
	Approved Funding Sources												
	Local Improvements Prop. Share	1,953	-	-	-	-	-	-	-	-	-	-	1,953
	Munc Sustain. Initiative - MSI	9,288	-	-	-	-	-	-	-	-	-	-	9,288
	Pay-As-You-Go - NBHR	8,356	-	-	-	-	-	-	-	-	-	-	8,356
	Current Approved Funding Sources	19,597	-	-	-	-	-	-	-	-	-	-	19,597

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	19,597	-	-	-	-	-	-	-	-	-	-	19,597
	Requested Funding Source												
	Local Improvements Prop. Share	1,953	-	-	-	-	-	-	-	-	-	-	1,953
	Munc Sustain. Initiative - MSI	9,288	-	-	-	-	-	-	-	-	-	-	9,288
	Pay-As-You-Go - NBHR	8,356	-	-	-	-	-	-	-	-	-	-	8,356
	Requested Funding Source	19,597	-	-	-	-	-	-	-	-	-	-	19,597

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	2,907	-	-	-	-	-	-	-	-	-	-	2,907
	Other Costs	16,690	-	-	-	-	-	-	-	-	-	-	16,690
	Total	19,597	-	-	-	-	-	-	-	-	-	-	19,597

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KENNEDALE TRAFFIC SHOP**  
 PROFILE: **12-66-1072**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Facilities Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Roads
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	25,550
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	25,550
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**PROFILE DESCRIPTION**

This project is to construct a new larger Traffic Operations Shop at the Kennedale location. This project commenced in 2009 with a consultant report of the Long Range Facilities Plan. Land has already been acquired for the new facility in 2010 for \$3.3M, in Kennedale, conveniently located adjacent to the existing Northeast Roadway Maintenance yard. The new facility will increase physical capacity by almost two-fold, allowing sufficient capacity for current resources (80%) and future growth (20%). The project is currently in the Detailed Design stage, with construction and completion intended for 2012 and 2013.

The Traffic Operations Shop consists of numerous components:

- New Signs Design and Manufacturing
- Sign Repair Shop
- Paint and Pipe Shop
- Parking Meter Shop
- Materials Management (Stores)
- Staff Facilities
- Reception/Administration
- Storage
- Vehicle Garage

Project schedule is as follows:

2011: Detailed design

2012-2013: Construction

**PROFILE JUSTIFICATION**

Currently, all components are housed in various locations, primarily at the Main Yard. A new facility must be constructed to accommodate the exponential growth in this area resulting from additional assets (Signs, Dynamic Messaging Signs, Barricades, etc) and additional resources (staff, equipment, vehicles, etc). The new Traffic Operations Shop will consolidate resources currently in various locations and provide sufficient capacity for growth in staff and resources that are necessary to accommodate additional service levels. Cost savings can be realized in administration, rental, and maintenance. More importantly, efficiency can be realized in operational functions by having additional physical space.

Alignment: - The Way We Move: Well Maintained Infrastructure.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kennedale Traffic Shop****FUNDED**PROFILE NUMBER: **12-66-1072**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	13,500	12,050	-	-	-	-	-	-	-	-	-	25,550
	2014 Cap Carry Forward	-5,521	5,521	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	7,979	17,571	-	-	-	-	-	-	-	-	-	25,550
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	7,672	4,783	-	-	-	-	-	-	-	-	-	12,455
	Pay-As-You-Go	308	12,787	-	-	-	-	-	-	-	-	-	13,095
	Current Approved Funding Sources	7,979	17,571	-	-	-	-	-	-	-	-	-	25,550

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	7,979	17,571	-	-	-	-	-	-	-	-	-	25,550
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	7,672	4,783	-	-	-	-	-	-	-	-	-	12,455
	Pay-As-You-Go	308	12,787	-	-	-	-	-	-	-	-	-	13,095
	Requested Funding Source	7,979	17,571	-	-	-	-	-	-	-	-	-	25,550

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,521	5,521	-	-	-	-	-	-	-	-	-	-
	Other Costs	13,500	12,050	-	-	-	-	-	-	-	-	-	25,550
	Total	7,979	17,571	-	-	-	-	-	-	-	-	-	25,550

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PAVEMENT MANAGEMENT RELOCATION**  
 PROFILE: **12-66-1073**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Facilities Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>17,500</b>
<b>100</b>		BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>17,500</b>

**PROFILE DESCRIPTION**

This profile is in conjunction with the Neighbourhood Renewal Composite program (1056).

This profile is for construction of a Permanent Pavement Management Facility.

This project is to expand the existing Northeast Yard in order to provide a permanent facility for the Pavement Management Section of Roadway Maintenance. Pavement management is a large area within Transportation Services. For over 20 years it has been de-centralized across the city. With the additional growth it is imperative to have a permanent facility in order to operate effectively. This project commenced in 2009 with a consultant report of the Long Range Facilities Plan (IBI Group). This project is currently in the Detailed Design stage, with construction planned for 2012 and 2013. Currently, the Pavement Management resources (staff and equipment) are housed in temporary facilities in multiple yards. The new permanent facility will consolidate resources into one location and provide sufficient capacity for growth in staff and resources that are necessary to accommodate additional service levels.

**PROFILE JUSTIFICATION**

Providing a permanent facility for pavement management will promote efficient daily operations and effective service delivery through consolidating resources into one location. Doing so will reduce the costs of renting additional temporary facilities to accommodate an increase in staff and equipment, while achieving savings in administration.

This profile achieves the following outcomes.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Pavement Management Relocation****FUNDED**PROFILE NUMBER: **12-66-1073**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	17,500	-	-	-	-	-	-	-	-	-	-	17,500
	2012 CBS Budget Adjustment	-14,566	-	-	-	-	-	-	-	-	-	-	-14,566
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	14,566	-	-	-	-	-	-	-	-	-	-	14,566
	2014 Cap Carry Forward	-5,720	5,720	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500
	Approved Funding Sources												
	Pay-As-You-Go - NBHR	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500
	Current Approved Funding Sources	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500
	Requested Funding Source												
	Pay-As-You-Go - NBHR	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500
	Requested Funding Source	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,720	5,720	-	-	-	-	-	-	-	-	-	-
	Other Costs	17,500	-	-	-	-	-	-	-	-	-	-	17,500
	Total	11,780	5,720	-	-	-	-	-	-	-	-	-	17,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC SIGNALS - PEDESTRIAN/BUS SAFETY**  
 PROFILE: **12-66-1220**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Signals**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,856</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,856</b>

**PROFILE DESCRIPTION**

Traffic Signals are a critical and key component of the Transportation infrastructure to facilitate safe and efficient flow of vehicle and pedestrian traffic. Population growth and other demographic factors result in an increasing demand on the Transportation network. These factors require that the infrastructure be maintained to optimal working condition to ensure the safe and efficient movement of goods and people.

Traffic, Bus, and Pedestrian Signals: to design, specify, procure, and upgrade traffic control systems that improve safety and mobility for the citizens of Edmonton. This includes installation of traffic signals, pedestrian activated signals, signal phases and rephrases, traffic loops, vehicle detection systems, bus loops, pedestrian countdown signals, amber flashers and advance warning signals (e.g. fire stations) warranted to increase safety for pedestrians and motorists. Also, this profile includes changes to existing traffic Management Measures which include traffic signal rephrases, system/local programmer conversions for coordinated network, installation of audible signals, and railway crossing signals. This profile coordinates with other roads projects to implement enhancements to existing road designs to increase visibility and safety for both motorists and pedestrians.

Developer Funded Signals: Developers can request new warranted traffic signal installations and modifications to existing signal control devices, which are financed within this program. Cost recovery is 100% and includes signals, pavement markings, signals and detour/barricade costs associated with carrying out the work.

Three year priority goals include:

- Increase traffic safety;
- Select and remedy high congestion areas to optimize throughput around and through the City;
- Reduce barriers to the use of different modes of transportation;
- Increase transit ridership;
- Ensure transit sustainability through appropriate cost recovery ratio.

Ongoing operating impact is approximately at \$300,000 per year for utilities, maintenance, repairs.

Staffing is available within the existing FTE complement, and will be determined and requested as necessary.

Implementation of this program requires permanent resources to sustain proper functionality of the signals infrastructure and address public concerns of safety. Resources are available within the City's existing complement of FTEs, budget, and schedule.

Tangible benefits to be realized from this investment include replacing existing assets with structures offering greater useful lives, implementation and utilization of new technologies, more efficient and effective traffic management processes, reduced operating costs for maintenance and repairs, quicker response times for public inquiries, and others.

Intangible benefits to be realized from this investment include more efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced safety for vehicles and pedestrians, reduced volume of collisions, fatalities, and infrastructure damages, and others.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Transit and LRT expansion projects rely upon a supportive traffic signal network to facilitate efficient travel times for riders.

Timelines: Components are typically completed over a two year period. Yr 1: concept and design, Yr 2 construct.

Dependencies: Traffic Signals are a critical and key component of the Transportation infrastructure to facilitate the orderly flow of vehicle and pedestrian traffic. Population growth and other demographic factors result in an increasing demand on the Transportation network. These factors require that the infrastructure be maintained to optimal working condition to ensure the safe and efficient movement of goods and people.

Fall 2012 SBA

#60: There are additional projects requested by developers that will be financed by the developers.

#68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

Traffic Signals are a critical and key component of the Transportation infrastructure to facilitate the orderly flow of vehicle and pedestrian traffic. Population growth and other demographic factors result in an increasing demand on the Transportation network. These factors require that the infrastructure be maintained to optimal working condition to ensure the safe and efficient movement of goods and people.

Traffic signals are installed based on warrant guidelines, to facilitate and control the flow of vehicle traffic towards preventing and relieving traffic congestion in specified areas. As traffic patterns change and/or increase due to growth, traffic signals are required to safely manage traffic and provide safe crossing and mobility opportunities for pedestrians.

Alignment: - The Way We Move: Shifting Edmonton's Transportation Modes. Promoting the use of various transportation modes by automating the signal infrastructure.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Traffic Signals - Pedestrian/Bus Safety****FUNDED**PROFILE NUMBER: **12-66-1220**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	9,562	-	-	-	-	-	-	-	-	-	-	9,562
	2012 CBS Budget Adjustment	908	-	-	-	-	-	-	-	-	-	-	908
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	592	-	-	-	-	-	-	-	-	-	-	592
	2014 Cap Carry Forward	-901	901	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	1,898	-	-	-	-	-	-	-	-	-	-	1,898
	2014 SCBA Transfers >\$250K<\$1M	-147	-	-	-	-	-	-	-	-	-	-	-147
	2015 Cap Administrative	-	-2	-	-	-	-	-	-	-	-	-	-2
	2015 Cap Council	-	45	-	-	-	-	-	-	-	-	-	45
	Current Approved Budget	11,912	944	-	-	-	-	-	-	-	-	-	12,856
	Approved Funding Sources												
BUDGET REQUEST	Developer ARA	6,517	944	-	-	-	-	-	-	-	-	-	7,461
	Developer Financing	5,395	-	-	-	-	-	-	-	-	-	-	5,395
	Current Approved Funding Sources	11,912	944	-	-	-	-	-	-	-	-	-	12,856

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,912	944	-	-	-	-	-	-	-	-	-	12,856
	Requested Funding Source												
	Developer ARA	6,517	944	-	-	-	-	-	-	-	-	-	7,461
	Developer Financing	5,395	-	-	-	-	-	-	-	-	-	-	5,395
	Requested Funding Source	11,912	944	-	-	-	-	-	-	-	-	-	12,856

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	850	944	-	-	-	-	-	-	-	-	-	1,794
	Other Costs	11,062	-	-	-	-	-	-	-	-	-	-	11,062
	Total	11,912	944	-	-	-	-	-	-	-	-	-	12,856

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STREET LIGHTING REHABILITATION**  
 PROFILE: **12-66-1260**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Streetlight**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,229</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,229</b>

**PROFILE DESCRIPTION**

Investment into Streetlight Rehabilitation ensures that the infrastructure is structurally sound and in operational working order to sustain traffic and pedestrian safety by providing optimal lighting levels. Aging streetlight infrastructure impedes on the safety of motorists and pedestrians, as such, must be maintained to working standards.

Rehabilitation and Replacement of Streetlight Poles: In accordance with annual condition assessment program and IWT analysis priority rating. Many streetlight poles have exceeded their life cycle due to severe rusting and/or age of poles, causing its structural integrity to be poor or critical (failure imminent) and therefore must be replaced. Failure to complete this program presents a very high risk to the City in terms of public safety, as the pole may fall at any given time. Since 1997, 119 streetlight poles have fallen due to structural failure from deterioration.

Lighting Enhancements: Enhance lighting conditions at intersections along arterial, collector, and residential roadways to increase visibility of pedestrians to motorists. This project was initiated in the early 1980s as a component of Community Safe Streets program and has continued since to enhance early identification, safety and awareness of pedestrians. This profile also includes luminary replacement at various arterial corridors to increase lighting and meet recommended TAC lighting level guidelines.

Walkway Lighting: installation of walkway lighting in areas with a potential of high crime as per Safe Cities recommendations to improve safety through environmental designs.

Quality Assurance Control and Condition Analysis: The QA program ensures equipment complies with specifications and includes inspection during pole manufacturing and prior to shipping and galvanizing process. Sustained five-year condition analysis and inspection of existing infrastructure for structural integrity is also completed.

Alley Lighting: Approved Alley Lighting Requests, as per City Local Improvement Policy is funded from this profile. Cost recovery is 100% via the Local Improvement Assessment.

Capital investment is planned at \$2M for 2012-2014. This funding level permits the Department to provide minimum reactionary service to capital upgrades. Existing streetlight infrastructure inventories require an investment of \$10M-12M to achieve program objectives. Ongoing operating impact is estimated at \$500,000 per year for operating costs. Personnel capacity is assessed on an ongoing basis. Personnel resources are currently available with existing FTEs.

Tangible benefits to be realized from this investment include replacement of aging infrastructure, reduced maintenance and repair, innovative applications/implementations, and savings in power consumption.

Intangible benefits to be realized from this investment include improved traffic and pedestrian safety, overall attractiveness (decorative pole options), and reduced environmental footprints.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature.

# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

This program includes a component for replacing Critical/Fallen poles. These poles deteriorate structurally and have fallen unpredictably due to dynamic weather conditions. These poles are rated as D or F condition for such reason. The Fallen Pole/Critical Pole program strategy requires at least \$1M each year in order to replace all such poles within 5-10 years. Critical poles are an imminent and obvious risk to public safety carrying a large potential liability for the City, and are unforeseeable and unavoidable at the mercy of climate conditions. Permanent and sufficient investment is necessary to ensure the risk to of falling poles is mitigated.

This profile focuses on the Major Arterial Network and includes funding for rehabilitation and replacement of aging streetlight infrastructure, and installation of new street lighting and walkway lighting. The Department has achieved cost savings both with maintenance and energy consumption through innovative design and new streetlight technologies.

TMP Strategic Goal A: To develop and maintain an integrated system of roadways, public transit, pedestrian and bicycle facilities and services to support and enhance Edmonton as a growing, vibrant and culturally diverse city in which people choose to live, work, learn and play.  
Corporate Business Plan Strategic Goals 3.4: Infrastructure and Physical Environment, Strategic Initiatives.  
Plan Edmonton Strategy 4.1.5: Meet accepted standards for provision and maintenance of infrastructure while minimizing cost.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Street Lighting Rehabilitation****FUNDED**PROFILE NUMBER: **12-66-1260**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	13,010	-	-	-	-	-	-	-	-	-	-	13,010
	2012 CBS Budget Adjustment	-3,174	-	-	-	-	-	-	-	-	-	-	-3,174
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,750	-	-	-	-	-	-	-	-	-	-	2,750
	2014 Cap Carry Forward	-1,949	1,949	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-300	-	-	-	-	-	-	-	-	-	-	-300
	2014 SCBA Within Branch	-46	-	-	-	-	-	-	-	-	-	-	-46
	2015 Cap Administrative	-	-11	-	-	-	-	-	-	-	-	-	-11
	Current Approved Budget	10,291	1,937	-	-	-	-	-	-	-	-	-	12,229
	Approved Funding Sources												
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	10,069	-	-	-	-	-	-	-	-	-	-	10,069
	Pay-As-You-Go	222	1,937	-	-	-	-	-	-	-	-	-	2,160
	Current Approved Funding Sources	10,291	1,937	-	-	-	-	-	-	-	-	-	12,229

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,291	1,937	-	-	-	-	-	-	-	-	-	12,229
	Requested Funding Source												
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	10,069	-	-	-	-	-	-	-	-	-	-	10,069
	Pay-As-You-Go	222	1,937	-	-	-	-	-	-	-	-	-	2,160
	Requested Funding Source	10,291	1,937	-	-	-	-	-	-	-	-	-	12,229

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-2,249	1,937	-	-	-	-	-	-	-	-	-	-311
	Other Costs	12,540	-	-	-	-	-	-	-	-	-	-	12,540
	Total	10,291	1,937	-	-	-	-	-	-	-	-	-	12,229

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WALTERDALE BRIDGE**  
 PROFILE: **12-66-1466**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Post Budget Approval**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>154,845</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>154,845</b>

**PROFILE DESCRIPTION****Scope:**

Walterdale Bridge, crossing the North Saskatchewan River near Edmonton's downtown, is approaching 100 years of age and the end of its useful life. Replacement of the bridge must be completed by 2016.

The bridge is an important link in the City transportation system, carrying two traffic lanes northbound into downtown from Gateway Boulevard and 109 Street via Queen Elizabeth Park Road and Walterdale Hill Road. The bridge operates at capacity during peak hours, which results in significant congestion on the south approaches.

The bridge replacement will include an additional northbound lane and improved facilities to accommodate alternative modes. The bridge will be a signature arch bridge and the concept has been approved by Council. The Stage 1 and Stage 2 Preliminary Engineering costs were funded from the 09-66-1040 project.

**Timelines:**

2011-12: Detailed design

2013-15: Construction

**Dependencies:**

Environmental and historical resource approvals and utility relocations. Environmental approvals from the federal government will need to be obtained for any work taking place in the North Saskatchewan. Historical resource risks are related to the cemetery site on the north bank of the river. The alignment of the new bridge will have an impact on the cemetery site which will require approval from the Provincial Director of Cemeteries. The existing Walterdale Bridge supports a large number of utility lines crossing the river.

**PROFILE JUSTIFICATION**

The condition assessments of the Walterdale Bridge have identified the bridge must be replaced by 2014 as the existing bridge will be decommissioned for auto use. If replacement does not happen before 2014 the bridge will be closed to traffic eliminating one of the major road artery into the downtown.

Alignment: - The Way We Move: Goal of Well Maintained Infrastructure and Enhanced Access and Mobility.

**Impact on Operating:**

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Walterdale Bridge****FUNDED**PROFILE NUMBER: **12-66-1466**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	132,000	-	-	-	-	-	-	-	-	-	-	132,000
	2012 CBS Budget Adjustment	-2,482	-	-	-	-	-	-	-	-	-	-	-2,482
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	5,982	19,500	-	-	-	-	-	-	-	-	-	25,482
	2014 Cap Carry Forward	-62,031	62,031	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-155	-	-	-	-	-	-	-	-	-	-	-155
	Current Approved Budget	73,314	81,531	-	-	-	-	-	-	-	-	-	154,845
	Approved Funding Sources												
	Developer Financing	-	3,500	-	-	-	-	-	-	-	-	-	3,500
	Tax-Supported Debt	73,314	78,031	-	-	-	-	-	-	-	-	-	151,345
	Current Approved Funding Sources	73,314	81,531	-	-	-	-	-	-	-	-	-	154,845

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	73,314	81,531	-	-	-	-	-	-	-	-	-	154,845
	Requested Funding Source												
	Developer Financing	-	3,500	-	-	-	-	-	-	-	-	-	3,500
	Tax-Supported Debt	73,314	78,031	-	-	-	-	-	-	-	-	-	151,345
	Requested Funding Source	73,314	81,531	-	-	-	-	-	-	-	-	-	154,845

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-62,186	62,031	-	-	-	-	-	-	-	-	-	-155
	Other Costs	135,500	19,500	-	-	-	-	-	-	-	-	-	155,000
	Total	73,314	81,531	-	-	-	-	-	-	-	-	-	154,845

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **SNOW STORAGE FACILITIES REHABILITATION**  
 PROFILE: **12-66-1860**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Snow Storage Facilities**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>680</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>680</b>

**PROFILE DESCRIPTION**

This profile is for the improvement of permanent snow storage facilities, including feasibility studies, land acquisition, engineering design, and site construction.

Tangible benefits to be realized from this investment include greater capacity for snow storage towards meeting service level commitments to Citizens. Environmental commitment for having engineered snow sites is to reduce impacts on the environment and the quality of runoff into the storm sewer.

Intangible benefits to be realized from this investment include more efficient movement of goods and people resulting from timely snow removal on road networks and reduced environmental impacts.

Stakeholders include private businesses, City departments, other municipalities, and citizens and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered primary in nature.

**PROFILE JUSTIFICATION**

The City will be unable to meet public service commitments and environmental compliance in the short and long term, if this program does not continue.

Growth of the City and unpredictable climate require a program for continually assessing the snow storage capacities, to ensure capacity is available to meet snow and ice control strategies.

T.A.C.'s Winter maintenance operations Code of Practice for maintenance yards.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA).

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675. The winter maintenance operations code of Practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

Impact on Operating:

Operating impacts are determined by inventory growth of roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Snow Storage Facilities Rehabilitation****FUNDED**PROFILE NUMBER: **12-66-1860**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	680	-	-	-	-	-	-	-	-	-	-	680
	2012 CBS Budget Adjustment	-200	-	-	-	-	-	-	-	-	-	-	-200
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	200	-	-	-	-	-	-	-	-	-	-	200
	2014 Cap Carry Forward	-365	365	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	315	365	-	-	-	-	-	-	-	-	-	680
	Approved Funding Sources												
	Pay-As-You-Go	315	365	-	-	-	-	-	-	-	-	-	680
	Current Approved Funding Sources	315	365	-	-	-	-	-	-	-	-	-	680

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	315	365	-	-	-	-	-	-	-	-	-	680
	Requested Funding Source												
	Pay-As-You-Go	315	365	-	-	-	-	-	-	-	-	-	680
	Requested Funding Source	315	365	-	-	-	-	-	-	-	-	-	680

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-365	365	-	-	-	-	-	-	-	-	-	-
	Other Costs	680	-	-	-	-	-	-	-	-	-	-	680
	Total	315	365	-	-	-	-	-	-	-	-	-	680

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **KENNEDALE SNOW STORAGE FACILITY**  
 PROFILE: **12-66-1862**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Snow Storage Facilities**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Barry Belcourt**  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>5,540</b>
<b>100</b>		BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>5,540</b>

**PROFILE DESCRIPTION**

This single profile is for the Rehabilitation of the Kennedale Snow Facility. The project cost is estimated at \$16M.

All snow sites must meet TAC standards and the City's environmental policy by becoming engineered sites. The newest snow storage sites achieve these standards while older sites are being replaced and/or decommissioned. The Kennedale snow site is a city use only site and serves our Roadway Maintenance Districts and the city's contracted snow removal services.

Roadway Maintenance is proposing that we acquire an existing property currently owned by the city located at 13104 50A Street. This property is north of our existing Kennedale Snow site and will allow the site to be expanded from 700,000m<sup>3</sup> to over 1,000,000m<sup>3</sup>. All snow sites are geographically located to service the entire city, the Kennedale site services the Downtown core and is undersized to meet current and potential future service levels.

Tangible benefits to be realized from this investment include greater capacity for snow storage towards meeting service level commitments to Citizens.

Intangible benefits to be realized from this investment include more efficient movement of goods and people resulting from timely snow removal on road networks and reduced environmental impacts.

Fall 2012:

#68: Correct wrong grant inputted during the SBA when transferring land budget from Horse Hills to Kennedale.

2012 Spring SBA:

#36: Funds originally budgeted in 09-66-1960 for the purchase of Kennedale Snow Storage Land, totalling \$1,540K, are being transferred to Kennedale Snow Storage Rehabilitation single profile 12-66-1682.

**PROFILE JUSTIFICATION**

The City will be unable to meet public service commitments and environmental compliance in the short and long term, if this program does not continue.

T.A.C.'s Winter maintenance operations Code of Practice for maintenance yards.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA).

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675. The winter maintenance operations code of Practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.

Impact on Operations

Operational impacts: the expansion of the site allows for effective hauling of snow to meet service levels to central Edmonton including the downtown core.

**CHANGES TO APPROVED PROFILE**

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Kennedale Snow Storage Facility****FUNDED**PROFILE NUMBER: **12-66-1862**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	16,000	-	-	-	-	-	-	-	-	-	-	16,000
	2012 CBS Budget Adjustment	-4,402	-	-	-	-	-	-	-	-	-	-	-4,402
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-6,058	-	-	-	-	-	-	-	-	-	-	-6,058
	2014 Cap Carry Forward	-3,123	3,123	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,417	3,123	-	-	-	-	-	-	-	-	-	5,540
	Approved Funding Sources												
	Fuel Rebate	1,634	-1,634	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	518	3,155	-	-	-	-	-	-	-	-	-	3,672
	Pay-As-You-Go	265	1,603	-	-	-	-	-	-	-	-	-	1,868
	Current Approved Funding Sources	2,417	3,123	-	-	-	-	-	-	-	-	-	5,540

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,417	3,123	-	-	-	-	-	-	-	-	-	5,540
	Requested Funding Source												
	Fuel Rebate	1,634	-1,634	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	518	3,155	-	-	-	-	-	-	-	-	-	3,672
	Pay-As-You-Go	265	1,603	-	-	-	-	-	-	-	-	-	1,868
	Requested Funding Source	2,417	3,123	-	-	-	-	-	-	-	-	-	5,540

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-3,123	3,123	-	-	-	-	-	-	-	-	-	-
	Other Costs	5,540	-	-	-	-	-	-	-	-	-	-	5,540
	Total	2,417	3,123	-	-	-	-	-	-	-	-	-	5,540

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GEO-ENVIRONMENTAL REHABILITATION**  
 PROFILE: **12-66-1950**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Facilities Development**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>8,944</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>8,944</b>

**PROFILE DESCRIPTION**

This project addresses environmental issues related to road right-of-way including providing services for slide repairs, snow storage facilities, environmental audits on right-of-way, supply of recycled aggregates, and constructing a new facility of Streets Engineering..

Proposed improvements for 2012/2014 include:

1. Slide Repairs: Monitor and maintain slope indicators, standpipes & pneumatic piezometers at various locations throughout the City. Detailed design and construction/repair is of slides at various locations.
2. Snow Storage Facilities: Monitoring facility operations and environmental compliance.
3. Contaminated Sites: The development of a program and performance of environmental audits on road right-of-way, as required. Emergency response to unexpected contaminated sites. City owned properties that have been found to be contaminated are handled by the Asset Management and Public Works Department.
4. Recycled Aggregates: Site improvements and purchase of replacement equipment on an ongoing basis.
5. Capital Improvements: New site and facility for Engineering Services Office and Lab.

**PROFILE JUSTIFICATION**

Unstable slopes along the North Saskatchewan River banks, ravine areas, and embankment locations occur on an ongoing basis. Priority is placed on those locations where public safety or where damage to public infrastructure is threatened.

The existing Streets Engineering facility houses both the survey and the material testing sections including supporting office staff. The existing building (office/lab) has since outgrown its capacity which ultimately impacts productivity.

Policy E-5, and F-2 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675

**CHANGES TO APPROVED PROFILE**

2015 Feb 3 (BM#1): Additional movement of Mill Creek and slope took place while design was being undertaken to deal with a trail repair/realignment. Additional land movement monitoring instrumentation equipment was required that was not factored into the original project costs. Transfer funding \$19K from 12-28-8510 Parks Conversation to cover the additional costs for the instrumentation equipment installation and monitoring that inform the design solutions and requirements.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Geo-Environmental Rehabilitation****FUNDED**PROFILE NUMBER: **12-66-1950**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-7,825	-	-	-	-	-	-	-	-	-	-	-7,825
	2012 CBS Budget Adjustment	346	-	-	-	-	-	-	-	-	-	-	346
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	13,836	-	-	-	-	-	-	-	-	-	-	13,836
	2014 Cap Carry Forward	1,925	-1,925	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	533	-	-	-	-	-	-	-	-	-	-	533
	2014 SCBA Transfers >\$250K<\$1M	-786	-	-	-	-	-	-	-	-	-	-	-786
	2015 Cap Administrative	-	-102	-	-	-	-	-	-	-	-	-	-102
	2015 Cap Council	-	2,923	-	-	-	-	-	-	-	-	-	2,923
	2015 Cap Capital Budget Adj (one-off)	-	19	-	-	-	-	-	-	-	-	-	19
	Current Approved Budget	8,029	915	-	-	-	-	-	-	-	-	-	8,944
	Approved Funding Sources												
	Gravel Reserve	1,744	573	-	-	-	-	-	-	-	-	-	2,317
	Munc Sustain. Initiative - MSI	2,329	-	-	-	-	-	-	-	-	-	-	2,329
	Other Grants - Provincial	23	-	-	-	-	-	-	-	-	-	-	23
	Other Reserve	2,377	-	-	-	-	-	-	-	-	-	-	2,377
	Pay-As-You-Go	1,556	342	-	-	-	-	-	-	-	-	-	1,898
	Current Approved Funding Sources	8,029	915	-	-	-	-	-	-	-	-	-	8,944

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	8,029	915	-	-	-	-	-	-	-	-	-	8,944
	Requested Funding Source												
	Gravel Reserve	1,744	573	-	-	-	-	-	-	-	-	-	2,317
	Munc Sustain. Initiative - MSI	2,329	-	-	-	-	-	-	-	-	-	-	2,329
	Other Grants - Provincial	23	-	-	-	-	-	-	-	-	-	-	23
	Other Reserve	2,377	-	-	-	-	-	-	-	-	-	-	2,377
	Pay-As-You-Go	1,556	342	-	-	-	-	-	-	-	-	-	1,898
	Requested Funding Source	8,029	915	-	-	-	-	-	-	-	-	-	8,944

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1,672	915	-	-	-	-	-	-	-	-	-	2,587
	Other Costs	6,357	-	-	-	-	-	-	-	-	-	-	6,357
	Total	8,029	915	-	-	-	-	-	-	-	-	-	8,944

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - 112 AVE (50-68 ST.)**  
 PROFILE: **13-66-1023**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,436</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,436</b>

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required. Transportation Report CR\_17 provides an update to 112 Avenue reconstruction budget.

**PROFILE BACKGROUND**

112 Ave (50-68 St.) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes).

**CHANGES TO APPROVED PROFILE**

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 112 Ave (50-68 St.)****FUNDED**PROFILE NUMBER: **13-66-1023**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2012 CBS Budget Adjustment	57	-	-	-	-	-	-	-	-	-	-	57
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-57	-	-	-	-	-	-	-	-	-	-	-57
	2014 Cap Budget Request for Next Cycle	-	5,488	-	-	-	-	-	-	-	-	-	5,488
	2014 Cap Capital Budget Adj (one-off)	900	-	-	-	-	-	-	-	-	-	-	900
	2014 Cap Carry Forward	-2,064	2,064	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,952	-	-	-	-	-	-	-	-	-	-1,952
	Current Approved Budget	3,836	5,600	-	-	-	-	-	-	-	-	-	9,436
	Approved Funding Sources												
	Fuel Rebate	5,685	-5,555	-	-	-	-	-	-	-	-	-	130
	Munc Sustain. Initiative - MSI	-2,482	11,155	-	-	-	-	-	-	-	-	-	8,673
	Pay-As-You-Go	633	-	-	-	-	-	-	-	-	-	-	633
	Current Approved Funding Sources	3,836	5,600	-	-	-	-	-	-	-	-	-	9,436

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	3,836	5,600	-	-	-	-	-	-	-	-	-	9,436
	Requested Funding Source												
	Fuel Rebate	5,685	-5,555	-	-	-	-	-	-	-	-	-	130
	Munc Sustain. Initiative - MSI	-2,482	11,155	-	-	-	-	-	-	-	-	-	8,673
	Pay-As-You-Go	633	-	-	-	-	-	-	-	-	-	-	633
	Requested Funding Source	3,836	5,600	-	-	-	-	-	-	-	-	-	9,436

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,164	5,600	-	-	-	-	-	-	-	-	-	4,436
	Other Costs	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	Total	3,836	5,600	-	-	-	-	-	-	-	-	-	9,436

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - 127 STREET (118 AVE - YELLOWHEAD TRAIL)**  
 PROFILE: **13-66-1024**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED****PROFILE STAGE: Post Budget Approval****PROFILE TYPE: Standalone****PROFILE MANAGER: Gord Cebryk****LEAD BRANCH MANAGER: Barry Belcourt****ESTIMATED START: January, 2012****ESTIMATED COMPLETION: December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,369</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,369</b>

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

127 Street (118 Ave - Yellowhead Trail) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 127 Street (118 Ave - Yellowhead Trail)****FUNDED**PROFILE NUMBER: **13-66-1024**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2012 CBS Budget Adjustment	4	-	-	-	-	-	-	-	-	-	-	4
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-5,000	-	-	-	-	-	-	-	-	-	-	-5,000
	2014 Cap Budget Request for Next Cycle	-	220	6,117	-	-	-	-	-	-	-	-	6,337
	2014 Cap Carry Forward	50	-50	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Branch	28	-	-	-	-	-	-	-	-	-	-	28
	Current Approved Budget	82	170	6,117	-	-	-	-	-	-	-	-	6,369
	Approved Funding Sources												
REVIS BUDGET (IF APPROVED)	Munc Sustain. Initiative - MSI	-	170	5,505	-	-	-	-	-	-	-	-	5,675
	Pay-As-You-Go	82	-	612	-	-	-	-	-	-	-	-	694
	Current Approved Funding Sources	82	170	6,117	-	-	-	-	-	-	-	-	6,369

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVIS BUDGET (IF APPROVED)	Revised Budget (if Approved)	82	170	6,117	-	-	-	-	-	-	-	-	6,369
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	170	5,505	-	-	-	-	-	-	-	-	5,675
	Pay-As-You-Go	82	-	612	-	-	-	-	-	-	-	-	694
	Requested Funding Source	82	170	6,117	-	-	-	-	-	-	-	-	6,369

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVIS BUDGET (IF APPROVED)	Construction	-	-	6,056	-	-	-	-	-	-	-	-	6,056
	Design	78	170	-	-	-	-	-	-	-	-	-	248
	Land	-	-	61	-	-	-	-	-	-	-	-	61
	Other Costs	4	-	-	-	-	-	-	-	-	-	-	4
	Total	82	170	6,117	-	-	-	-	-	-	-	-	6,369

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - DOVERCOURT (CONST.)**  
 PROFILE: **13-66-1051**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>21,013</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>21,013</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA:

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Dovercourt (Const.)****FUNDED**PROFILE NUMBER: **13-66-1051**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,175	-	-	-	-	-	-	-	-	-	-	20,175
	2012 CBS Budget Adjustment	448	-	-	-	-	-	-	-	-	-	-	448
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	1,687	-	-	-	-	-	-	-	-	-	-	1,687
	2014 Cap Carry Forward	-1,509	1,509	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	212	-	-	-	-	-	-	-	-	-	-	212
	2015 Cap Council	-	-1,509	-	-	-	-	-	-	-	-	-	-1,509
	Current Approved Budget	21,013	-	-	-	-	-	-	-	-	-	-	21,013
	Approved Funding Sources												
	Developer Financing	4	-	-	-	-	-	-	-	-	-	-	4
	Local Improvements Prop. Share	2,343	-38	-	-	-	-	-	-	-	-	-	2,305
	Pay-As-You-Go - NBHR	18,666	39	-	-	-	-	-	-	-	-	-	18,705
	Current Approved Funding Sources	21,013	-	-	-	-	-	-	-	-	-	-	21,013

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	21,013	-	-	-	-	-	-	-	-	-	-	21,013
	Requested Funding Source												
	Developer Financing	4	-	-	-	-	-	-	-	-	-	-	4
	Local Improvements Prop. Share	2,343	-38	-	-	-	-	-	-	-	-	-	2,305
	Pay-As-You-Go - NBHR	18,666	39	-	-	-	-	-	-	-	-	-	18,705
	Requested Funding Source	21,013	-	-	-	-	-	-	-	-	-	-	21,013

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,297	-	-	-	-	-	-	-	-	-	-	-1,297
	Other Costs	22,310	-	-	-	-	-	-	-	-	-	-	22,310
	Total	21,013	-	-	-	-	-	-	-	-	-	-	21,013

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - QUEEN ALEXANDRA**  
 PROFILE: **13-66-1052**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>
5

<b>RENEWAL</b>
95

PREVIOUSLY APPROVED:	29,101
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	29,101
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Queen Alexandra Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Queen Alexandra****FUNDED**PROFILE NUMBER: **13-66-1052**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	100	-	-	-	-	-	-	-	-	500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	11,336	11,468	5,797	-	-	-	-	-	-	-	28,601
	2014 Cap Carry Forward	84	-84	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	200	100	-	-	-	-	-	-	-	-	400
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-100	-	-	-	-	-	-	-	-	-400
	Current Approved Budget	284	11,452	11,568	5,797	-	-	-	-	-	-	-	29,101
	Approved Funding Sources												
	Local Improvements Prop. Share	-	1,116	1,138	580	-	-	-	-	-	-	-	2,834
BUDGET REQUEST	Munc Sustain. Initiative - MSI	150	30	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	134	10,306	10,430	5,217	-	-	-	-	-	-	-	26,087
	Current Approved Funding Sources	284	11,452	11,568	5,797	-	-	-	-	-	-	-	29,101

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	284	11,452	11,568	5,797	-	-	-	-	-	-	-	29,101
	Requested Funding Source												
	Local Improvements Prop. Share	-	1,116	1,138	580	-	-	-	-	-	-	-	2,834
	Munc Sustain. Initiative - MSI	150	30	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	134	10,306	10,430	5,217	-	-	-	-	-	-	-	26,087
	Requested Funding Source	284	11,452	11,568	5,797	-	-	-	-	-	-	-	29,101

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	11,224	11,354	5,739	-	-	-	-	-	-	-	28,317
	Design	284	116	100	-	-	-	-	-	-	-	-	500
	Land	-	112	114	58	-	-	-	-	-	-	-	284
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	284	11,452	11,568	5,797	-	-	-	-	-	-	-	29,101

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - ROSSLYN**PROFILE **13-66-1053**DEPARTMENT: **Transportation Services**BRANCH: **Transportation Operations**PROGRAM NAME: **Neighbourhood Reconstruction**LEAD BRANCH: **Roads Design & Construction**BUDGET CYCLE: **2015-2018 run for 2015****FUNDED**PROFILE STAGE: **Post Budget Approval**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Gord Cebryk**LEAD BRANCH MANAGER: **Barry Belcourt**ESTIMATED START: **January, 2013**ESTIMATED COMPLETION: **December, 2016**Service Category: **Neighbourhood Renewal**

Major Initiative:

**GROWTH****5****RENEWAL****95**

PREVIOUSLY APPROVED:

**24,762**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**24,762****PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Rosslyn Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Rosslyn****FUNDED**PROFILE NUMBER: **13-66-1053**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	100	-	-	-	-	-	-	-	-	500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	15,908	8,354	-	-	-	-	-	-	-	-	24,262
	2014 Cap Carry Forward	53	-53	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	200	100	-	-	-	-	-	-	-	-	400
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-100	-	-	-	-	-	-	-	-	-400
	Current Approved Budget	253	16,055	8,454	-	-	-	-	-	-	-	-	24,762
	Approved Funding Sources												
	Local Improvements Prop. Share	-	1,573	826	-	-	-	-	-	-	-	-	2,399
BUDGET REQUEST	Munc Sustain. Initiative - MSI	20	80	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go - NBHR	233	14,401	7,628	-	-	-	-	-	-	-	-	22,263
	Current Approved Funding Sources	253	16,055	8,454	-	-	-	-	-	-	-	-	24,762

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	253	16,055	8,454	-	-	-	-	-	-	-	-	24,762
	Requested Funding Source												
	Local Improvements Prop. Share	-	1,573	826	-	-	-	-	-	-	-	-	2,399
	Munc Sustain. Initiative - MSI	20	80	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go - NBHR	233	14,401	7,628	-	-	-	-	-	-	-	-	22,263
	Requested Funding Source	253	16,055	8,454	-	-	-	-	-	-	-	-	24,762

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	15,751	8,272	-	-	-	-	-	-	-	-	24,023
	Design	253	147	100	-	-	-	-	-	-	-	-	500
	Land	-	157	82	-	-	-	-	-	-	-	-	239
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	253	16,055	8,454	-	-	-	-	-	-	-	-	24,762

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - ARGYLL**  
 PROFILE: **13-66-1061**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>9,665</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>9,665</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA:

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CHANGES TO APPROVED PROFILE**

SCBA#41 Admin (Fall 2015)

Transfer funding from 13-66-1061 to cover 3K shortfall.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Argyll****FUNDED**PROFILE NUMBER: **13-66-1061**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	8,519	-	-	-	-	-	-	-	-	-	-	8,519
	2012 CBS Budget Adjustment	118	-	-	-	-	-	-	-	-	-	-	118
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-118	-	-	-	-	-	-	-	-	-	-	-118
	2014 Cap Carry Forward	1,146	-1,146	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-3	-	-	-	-	-	-	-	-	-	-3
	2015 Cap Council	-	1,149	-	-	-	-	-	-	-	-	-	1,149
	Current Approved Budget	9,665	-	-	-	-	-	-	-	-	-	-	9,665
	Approved Funding Sources												
	Local Improvements Prop. Share	1,113	-	-	-	-	-	-	-	-	-	-	1,113
	Munc Sustain. Initiative - MSI	1,026	-	-	-	-	-	-	-	-	-	-	1,026
	Pay-As-You-Go - NBHR	7,526	-	-	-	-	-	-	-	-	-	-	7,526
	Current Approved Funding Sources	9,665	-	-	-	-	-	-	-	-	-	-	9,665

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	9,665	-	-	-	-	-	-	-	-	-	-	9,665
	Requested Funding Source												
	Local Improvements Prop. Share	1,113	-	-	-	-	-	-	-	-	-	-	1,113
	Munc Sustain. Initiative - MSI	1,026	-	-	-	-	-	-	-	-	-	-	1,026
	Pay-As-You-Go - NBHR	7,526	-	-	-	-	-	-	-	-	-	-	7,526
	Requested Funding Source	9,665	-	-	-	-	-	-	-	-	-	-	9,665

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1,146	-	-	-	-	-	-	-	-	-	-	1,146
	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	8,519	-	-	-	-	-	-	-	-	-	-	8,519
	Total	9,665	-	-	-	-	-	-	-	-	-	-	9,665

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - AVONMORE**  
 PROFILE: **13-66-1062**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2016
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Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>21,435</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>21,435</b>

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Avonmore Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Avonmore****FUNDED**PROFILE NUMBER: **13-66-1062**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	100	-	-	-	-	-	-	-	-	500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	13,727	7,208	-	-	-	-	-	-	-	-	20,935
	2014 Cap Carry Forward	-3	3	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	200	100	-	-	-	-	-	-	-	-	400
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-100	-	-	-	-	-	-	-	-	-400
	Current Approved Budget	197	13,930	7,308	-	-	-	-	-	-	-	-	21,435
	Approved Funding Sources												
	Local Improvements Prop. Share	-	1,354	712	-	-	-	-	-	-	-	-	2,066
BUDGET REQUEST	Munc Sustain. Initiative - MSI	4	16	-	-	-	-	-	-	-	-	-	20
	Pay-As-You-Go - NBHR	193	12,560	6,596	-	-	-	-	-	-	-	-	19,349
	Current Approved Funding Sources	197	13,930	7,308	-	-	-	-	-	-	-	-	21,435

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	197	13,930	7,308	-	-	-	-	-	-	-	-	21,435
	Requested Funding Source												
	Local Improvements Prop. Share	-	1,354	712	-	-	-	-	-	-	-	-	2,066
	Munc Sustain. Initiative - MSI	4	16	-	-	-	-	-	-	-	-	-	20
	Pay-As-You-Go - NBHR	193	12,560	6,596	-	-	-	-	-	-	-	-	19,349
	Requested Funding Source	197	13,930	7,308	-	-	-	-	-	-	-	-	21,435

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	13,592	7,137	-	-	-	-	-	-	-	-	20,728
	Design	197	203	100	-	-	-	-	-	-	-	-	500
	Land	-	135	71	-	-	-	-	-	-	-	-	207
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	197	13,930	7,308	-	-	-	-	-	-	-	-	21,435

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - DELTON**  
 PROFILE: **13-66-1063**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>17,237</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>17,237</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA:

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Delton****FUNDED**PROFILE NUMBER: **13-66-1063**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	21,198	-	-	-	-	-	-	-	-	-	-	21,198
	2012 CBS Budget Adjustment	240	-	-	-	-	-	-	-	-	-	-	240
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-240	-	-	-	-	-	-	-	-	-	-	-240
	2014 Cap Carry Forward	-3,961	3,961	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-3,961	-	-	-	-	-	-	-	-	-	-3,961
	Current Approved Budget	17,237	-	-	-	-	-	-	-	-	-	-	17,237
	Approved Funding Sources												
	Local Improvements Prop. Share	1,912	-	-	-	-	-	-	-	-	-	-	1,912
REVISSED BUDGET (IF APPROVED)	Munc Sustain. Initiative - MSI	5,201	-	-	-	-	-	-	-	-	-	-	5,201
	Pay-As-You-Go - NBHR	10,124	-	-	-	-	-	-	-	-	-	-	10,124
	Current Approved Funding Sources	17,237	-	-	-	-	-	-	-	-	-	-	17,237

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	17,237	-	-	-	-	-	-	-	-	-	-	17,237
	Requested Funding Source												
	Local Improvements Prop. Share	1,912	-	-	-	-	-	-	-	-	-	-	1,912
	Munc Sustain. Initiative - MSI	5,201	-	-	-	-	-	-	-	-	-	-	5,201
	Pay-As-You-Go - NBHR	10,124	-	-	-	-	-	-	-	-	-	-	10,124
	Requested Funding Source	17,237	-	-	-	-	-	-	-	-	-	-	17,237

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Construction	-3,961	-	-	-	-	-	-	-	-	-	-	-3,961
	Other Costs	21,198	-	-	-	-	-	-	-	-	-	-	21,198
	Total	17,237	-	-	-	-	-	-	-	-	-	-	17,237

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - NORTH GLENORA**  
 PROFILE: **13-66-1066**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,238</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,238</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - North Glenora****FUNDED**PROFILE NUMBER: **13-66-1066**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	18,978	-	-	-	-	-	-	-	-	-	-	18,978
	2012 CBS Budget Adjustment	221	-	-	-	-	-	-	-	-	-	-	221
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-221	-	-	-	-	-	-	-	-	-	-	-221
	2014 Cap Carry Forward	1,256	-1,256	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	4	-	-	-	-	-	-	-	-	-	-	4
	2015 Cap Council	-	1,256	-	-	-	-	-	-	-	-	-	1,256
	Current Approved Budget	20,238	-	-	-	-	-	-	-	-	-	-	20,238
	Approved Funding Sources												
	Developer Financing	4	-	-	-	-	-	-	-	-	-	-	4
	Local Improvements Prop. Share	2,190	-	-	-	-	-	-	-	-	-	-	2,190
	Munc Sustain. Initiative - MSI	6,516	-	-	-	-	-	-	-	-	-	-	6,516
	Pay-As-You-Go - NBHR	11,528	-	-	-	-	-	-	-	-	-	-	11,528
	Current Approved Funding Sources	20,238	-	-	-	-	-	-	-	-	-	-	20,238

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	20,238	-	-	-	-	-	-	-	-	-	-	20,238
	Requested Funding Source												
	Developer Financing	4	-	-	-	-	-	-	-	-	-	-	4
	Local Improvements Prop. Share	2,190	-	-	-	-	-	-	-	-	-	-	2,190
	Munc Sustain. Initiative - MSI	6,516	-	-	-	-	-	-	-	-	-	-	6,516
	Pay-As-You-Go - NBHR	11,528	-	-	-	-	-	-	-	-	-	-	11,528
	Requested Funding Source	20,238	-	-	-	-	-	-	-	-	-	-	20,238

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1,260	-	-	-	-	-	-	-	-	-	-	1,260
	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	18,978	-	-	-	-	-	-	-	-	-	-	18,978
	Total	20,238	-	-	-	-	-	-	-	-	-	-	20,238

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **CENTRAL DISTRICT REHABILITATION**  
 PROFILE: **13-66-1071**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	-
	<b>100</b>	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	-

**PROFILE DESCRIPTION**

This profile is for the rehabilitation of the Central District Operating Yard. The existing facility has substandard conditions and safety concerns due to the aging structure. The roof joists are being reviewed by a structural engineer to develop a plan for correcting twisted members that were identified during snow loading reviews in 2010. Compliance to workplace health and safety standards, as well as Alberta Safety Codes Act may be compromised if the project does not continue.

Furthermore, the existing facility is insufficient to accommodate the growing capacity of resources necessary to fulfill service level commitments to public. The Central District Operating Yard currently houses Road Maintenance crews, Stores, AMPW, and Traffic Operations Shop. Additional snow removal equipment and road maintenance equipment are, or will be acquired to meet additional service levels, which in turn, require additional space and/or shelter for maintenance and storage. The facility is of historic significance and the 95 st yard (all buildings) has no master plan in place to develop the site.

This project affects other initiatives: Boyle Renaissance, The Quarters, Kennedale Traffic Shop.

Design work includes identifying those buildings that would be deemed Heritage Buildings to achieve greater functional uses, while replacing other buildings that are needed to operate Road Maintenance services and Transportation Operations. The Central Yard Rehabilitation will incorporate growth in capacity (staff and equipment) in its design stages to ensure the value and benefits of rehabilitation are maximized. The construction and implementation schedule (pending funding) will provide minimal disruption to daily operations.

**PROFILE JUSTIFICATION**

Policy E-5, and F-2 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

IBI group LRFP General Fit Program (2009)

T.A.C.'s winter maintenance operations code of practice for maintenance yards.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675

The winter maintenance operations code of practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Central District Rehabilitation****FUNDED**PROFILE NUMBER: **13-66-1071**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	1,500	12,050	-	-	-	-	-	-	-	-	-	13,550
	2013 CBS Budget Adjustment	-1,500	-12,050	-	-	-	-	-	-	-	-	-	-13,550
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - BONNIE DOON**  
 PROFILE: **13-66-1080**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>
5

<b>RENEWAL</b>
95

PREVIOUSLY APPROVED:	34,302
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	34,302
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Bonnie Doon Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Bonnie Doon****FUNDED**PROFILE NUMBER: **13-66-1080**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	200	100	-	-	-	-	-	-	-	700
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	11,238	11,458	10,906	-	-	-	-	-	-	-	33,602
	2014 Cap Carry Forward	192	-192	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	200	200	100	-	-	-	-	-	-	-	600
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-200	-100	-	-	-	-	-	-	-	-600
	Current Approved Budget	392	11,246	11,658	11,006	-	-	-	-	-	-	-	34,302
	Approved Funding Sources												
	Local Improvements Prop. Share	-	1,106	1,128	1,081	-	-	-	-	-	-	-	3,316
BUDGET REQUEST	Munc Sustain. Initiative - MSI	180	-	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	212	10,140	10,530	9,925	-	-	-	-	-	-	-	30,806
	Current Approved Funding Sources	392	11,246	11,658	11,006	-	-	-	-	-	-	-	34,302

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	392	11,246	11,658	11,006	-	-	-	-	-	-	-	34,302
	Requested Funding Source												
	Local Improvements Prop. Share	-	1,106	1,128	1,081	-	-	-	-	-	-	-	3,316
	Munc Sustain. Initiative - MSI	180	-	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	212	10,140	10,530	9,925	-	-	-	-	-	-	-	30,806
	Requested Funding Source	392	11,246	11,658	11,006	-	-	-	-	-	-	-	34,302

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	11,127	11,345	10,798	-	-	-	-	-	-	-	33,270
	Design	392	8	200	100	-	-	-	-	-	-	-	700
	Land	-	111	113	108	-	-	-	-	-	-	-	332
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	392	11,246	11,658	11,006	-	-	-	-	-	-	-	34,302

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - WESTMOUNT**  
 PROFILE: **13-66-1081**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	37,588
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	37,588
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Westmount Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Westmount****FUNDED**PROFILE NUMBER: **13-66-1081**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	200	100	-	-	-	-	-	-	-	700
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	12,334	12,576	11,978	-	-	-	-	-	-	-	36,888
	2014 Cap Carry Forward	199	-199	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	200	200	100	-	-	-	-	-	-	-	600
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-200	-100	-	-	-	-	-	-	-	-600
	Current Approved Budget	399	12,335	12,776	12,078	-	-	-	-	-	-	-	37,588
	Approved Funding Sources												
	Local Improvements Prop. Share	-	1,215	1,240	1,189	-	-	-	-	-	-	-	3,644
BUDGET REQUEST	Munc Sustain. Initiative - MSI	180	-	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	219	11,120	11,536	10,889	-	-	-	-	-	-	-	33,764
	Current Approved Funding Sources	399	12,335	12,776	12,078	-	-	-	-	-	-	-	37,588

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	399	12,335	12,776	12,078	-	-	-	-	-	-	-	37,588
	Requested Funding Source												
	Local Improvements Prop. Share	-	1,215	1,240	1,189	-	-	-	-	-	-	-	3,644
	Munc Sustain. Initiative - MSI	180	-	-	-	-	-	-	-	-	-	-	180
	Pay-As-You-Go - NBHR	219	11,120	11,536	10,889	-	-	-	-	-	-	-	33,764
	Requested Funding Source	399	12,335	12,776	12,078	-	-	-	-	-	-	-	37,588

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	12,213	12,452	11,859	-	-	-	-	-	-	-	36,524
	Design	399	1	200	100	-	-	-	-	-	-	-	700
	Land	-	121	124	119	-	-	-	-	-	-	-	364
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	399	12,335	12,776	12,078	-	-	-	-	-	-	-	37,588

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - WESTWOOD**  
 PROFILE: **13-66-1082**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	21,714
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	21,714
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Westwood Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Westwood****FUNDED**PROFILE NUMBER: **13-66-1082**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	200	200	100	-	-	-	-	-	-	-	-	500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	8,267	8,431	4,296	-	-	-	-	-	-	-	20,994
	2014 Cap Carry Forward	-64	64	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	120	200	200	100	-	-	-	-	-	-	-	620
	2014 SCBA Transfers >\$250K<\$1M	-100	-200	-100	-	-	-	-	-	-	-	-	-400
	Current Approved Budget	156	8,531	8,631	4,396	-	-	-	-	-	-	-	21,714
	Approved Funding Sources												
	Local Improvements Prop. Share	-	827	843	429	-	-	-	-	-	-	-	2,099
BUDGET REQUEST	Munc Sustain. Initiative - MSI	18	172	-	-	-	-	-	-	-	-	-	190
	Pay-As-You-Go - NBHR	138	7,532	7,788	3,967	-	-	-	-	-	-	-	19,425
	Current Approved Funding Sources	156	8,531	8,631	4,396	-	-	-	-	-	-	-	21,714

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	156	8,531	8,631	4,396	-	-	-	-	-	-	-	21,714
	Requested Funding Source												
	Local Improvements Prop. Share	-	827	843	429	-	-	-	-	-	-	-	2,099
	Munc Sustain. Initiative - MSI	18	172	-	-	-	-	-	-	-	-	-	190
	Pay-As-You-Go - NBHR	138	7,532	7,788	3,967	-	-	-	-	-	-	-	19,425
	Requested Funding Source	156	8,531	8,631	4,396	-	-	-	-	-	-	-	21,714

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	8,185	8,347	4,253	-	-	-	-	-	-	-	20,785
	Design	156	264	200	100	-	-	-	-	-	-	-	720
	Land	-	82	84	43	-	-	-	-	-	-	-	209
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	156	8,531	8,631	4,396	-	-	-	-	-	-	-	21,714

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGHLEVEL BRIDGE LIGHTING**  
 PROFILE: **13-66-1262**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Streetlight**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>3,000</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>3,000</b>

**PROFILE DESCRIPTION**

This project includes the design, purchase and installation of a decorative lighting system for the High Level Bridge. The High Level Bridge will be 100 years old in 2013 and there is support in the business community and the citizens of Edmonton for the installation of a decorative lighting system on the High Level Bridge. Several partners from within the business community and the arts community have approached the City supporting the installation of the decorative lighting. The project will be funded through donations raised from the business community and the general public and will be owned and operated by the City.

**PROFILE JUSTIFICATION**

This project will provide the City with a legacy project for the Celebration of the 100 Year Anniversary of the High Level Bridge. The project will be funded by donations and the City will not encounter any unbudgeted Capital costs for the project. Operating cost for the lighting system will be addressed through efficiencies in existing operating programs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Highlevel Bridge Lighting****FUNDED**PROFILE NUMBER: **13-66-1262**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,000	-	-	-	-	-	-	-	-	-	-	3,000
	2014 Cap Carry Forward	-38	38	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,962	38	-	-	-	-	-	-	-	-	-	3,000
	Approved Funding Sources												
	Other	2,962	38	-	-	-	-	-	-	-	-	-	3,000
	Current Approved Funding Sources	2,962	38	-	-	-	-	-	-	-	-	-	3,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,962	38	-	-	-	-	-	-	-	-	-	3,000
	Requested Funding Source												
	Other	2,962	38	-	-	-	-	-	-	-	-	-	3,000
	Requested Funding Source	2,962	38	-	-	-	-	-	-	-	-	-	3,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-38	38	-	-	-	-	-	-	-	-	-	-
	Other Costs	3,000	-	-	-	-	-	-	-	-	-	-	3,000
	Total	2,962	38	-	-	-	-	-	-	-	-	-	3,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **102 AVE (OVER GROAT ROAD)**  
 PROFILE: **14-66-1041**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>32,036</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>32,036</b>

**PROFILE DESCRIPTION**

This single project is in conjunction with the 1040 Bridge Rehabilitation Composite program.

This project is estimated at \$32.15M.

This project provides for the rehabilitation of existing bridges/structures that have reached the end of their life span, in accordance with the Bridge Investment Strategy. The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety. This structure has been identified for rehabilitation. This project is also coordinated with the Arterial/Primary Highway/ Road Renewal program.

Tangible benefits to be realized from this investment include rehabilitating aging bridge structures before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider the emerging trends and effects of travelers, to achieve benefits over its full asset life.

Intangible benefits to be realized from this investment include more efficient movement of goods and people. As well, the City has opportunities to consider architectural innovations for bridge designs to enhance the attractiveness of the Cityscape.

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Bridge renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT) to minimize impact on traffic routes.

**PROFILE JUSTIFICATION**

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly and negatively impact the efficient movement of traffic.

The Bridge Investment Strategy outlines the plan for regular monitoring and condition assessments of existing bridge structures, and identifies an optimal schedule for rehabilitation to ensure traffic safety and prevent the bridge condition from declining to a level beyond rehabilitation.

This profile achieves the following outcomes.

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.

Impact on Operating:

Operating Impacts are determined by unfunded roadway renewal needs addressed in Operating Service Packages.



**CAPITAL PROFILE REPORT**

Profile Page 2

**CHANGES TO APPROVED PROFILE**

#15-41 (Fall 2015): Correct profiles with MSI funding less than 1M. Swap MSI/GF with 14-66-1041.

#15-41 (Fall 2015): Switch funding source to cover MSI ineligible costs. Swap MSI/GF with profile 12-66-1040.

#15-41-8: Funding swap between 14-66-1041 and 09-66-1480 to facilitate the transfer of funds to 15-66-1617 and 15-66-1618. Project design work tendered out and costs came in higher than estimated for 15-66-1618. Additional design work required for 15-66-1617.

#15-49: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

PROFILE NAME: **102 Ave (over Groat Road)****FUNDED**PROFILE NUMBER: **14-66-1041**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	10,650	10,000	-	-	-	-	-	-	-	-	-	20,650
	2012 CBS Budget Adjustment	798	-	-	-	-	-	-	-	-	-	-	798
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-846	11,500	-	-	-	-	-	-	-	-	-	10,654
	2014 Cap Carry Forward	831	-831	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-66	-	-	-	-	-	-	-	-	-	-	-66
	Current Approved Budget	11,367	20,669	-	-	-	-	-	-	-	-	-	32,036
	Approved Funding Sources												
	Fuel Rebate	9,200	-4,783	-	-	-	-	-	-	-	-	-	4,417
BUDGET REQUEST	Munc Sustain. Initiative - MSI	-	8,314	-	-	-	-	-	-	-	-	-	8,314
	Pay-As-You-Go	2,167	17,138	-	-	-	-	-	-	-	-	-	19,305
	Current Approved Funding Sources	11,367	20,669	-	-	-	-	-	-	-	-	-	32,036

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	11,367	20,669	-	-	-	-	-	-	-	-	-	32,036
	Requested Funding Source												
	Fuel Rebate	9,200	-4,783	-	-	-	-	-	-	-	-	-	4,417
	Munc Sustain. Initiative - MSI	-	8,314	-	-	-	-	-	-	-	-	-	8,314
	Pay-As-You-Go	2,167	17,138	-	-	-	-	-	-	-	-	-	19,305
	Requested Funding Source	11,367	20,669	-	-	-	-	-	-	-	-	-	32,036

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	765	-831	-	-	-	-	-	-	-	-	-	-66
	Other Costs	10,602	21,500	-	-	-	-	-	-	-	-	-	32,102
	Total	11,367	20,669	-	-	-	-	-	-	-	-	-	32,036

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - GROVENOR**  
 PROFILE: **14-66-1064**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Neighbourhood Renewal</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,238</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,238</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

#66: Funds were originally added to the 12-66-1056 composite during budget deliberations in December 2011 to advance this project.

#63: Since funds were advanced for this project from the 12-66-1056 composite, the dedicated tax levy is no longer required in 2015.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CHANGES TO APPROVED PROFILE**

SCBA#41 Admin (Fall 2015)

Transfer funding from 13-66-1061 to cover 3K shortfall.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Grovenor****FUNDED**PROFILE NUMBER: **14-66-1064**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	17,291	-	-	-	-	-	-	-	-	-	-	17,291
	2012 CBS Budget Adjustment	215	-	-	-	-	-	-	-	-	-	-	215
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-215	-	-	-	-	-	-	-	-	-	-	-215
	2014 Cap Carry Forward	2,944	-2,944	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	3	-	-	-	-	-	-	-	-	-	-	3
	2015 Cap Administrative	-	3	-	-	-	-	-	-	-	-	-	3
	2015 Cap Council	-	2,940	-	-	-	-	-	-	-	-	-	2,940
	Current Approved Budget	20,238	-	-	-	-	-	-	-	-	-	-	20,238
	Approved Funding Sources												
	Developer Financing	6	-	-	-	-	-	-	-	-	-	-	6
	Local Improvements Prop. Share	2,207	-	-	-	-	-	-	-	-	-	-	2,207
	Munc Sustain. Initiative - MSI	3,932	-	-	-	-	-	-	-	-	-	-	3,932
	Pay-As-You-Go - NBHR	14,092	-	-	-	-	-	-	-	-	-	-	14,092
	Current Approved Funding Sources	20,238	-	-	-	-	-	-	-	-	-	-	20,238

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	20,238	-	-	-	-	-	-	-	-	-	-	20,238
	Requested Funding Source												
	Developer Financing	6	-	-	-	-	-	-	-	-	-	-	6
	Local Improvements Prop. Share	2,207	-	-	-	-	-	-	-	-	-	-	2,207
	Munc Sustain. Initiative - MSI	3,932	-	-	-	-	-	-	-	-	-	-	3,932
	Pay-As-You-Go - NBHR	14,092	-	-	-	-	-	-	-	-	-	-	14,092
	Requested Funding Source	20,238	-	-	-	-	-	-	-	-	-	-	20,238

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	2,947	-	-	-	-	-	-	-	-	-	-	2,947
	Design	-	-	-	-	-	-	-	-	-	-	-	-
	Other Costs	17,291	-	-	-	-	-	-	-	-	-	-	17,291
	Total	20,238	-	-	-	-	-	-	-	-	-	-	20,238

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NBHD RENEWAL - HAZELDEAN**  
 PROFILE: **14-66-1065**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>26,943</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>26,943</b>

**PROFILE DESCRIPTION**

This single profile is in conjunction with the NBHD Renewal Composite Program (1056).

NBHD Reconstruction projects include the replacement of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. NBHD Reconstruction projects are coordinated with Drainage Services. Other neighbourhood initiatives are coordinated through the Office of Great Neighbourhoods and are implemented in conjunction with this program. This program also coordinates and includes related work for streetlighting rehabilitation and upgrades, mature tree management, and completion of missing multi-use trail connections.

Tangible benefits to be realized from this investment include rehabilitating the aging infrastructure in older Neighbourhoods, maximizing service life of various infrastructure in/around Neighbourhoods, and achieving longterm cost savings through reinvestment strategies.

Intangible benefits to be realized from this investment include uplifting the attractiveness of neighbourhoods, improving livability for residents, and offering multi-use trails and walkway lighting to enhance safety and security for residents.

Fall 2012 SBA

#60: Recognize the use of Local Improvement funding for the local improvement work that is to be completed in this profile.

#66: Funds were originally added to the 12-66-1056 composite during budget deliberations in December 2011 to advance this project.

#63: Since funds were advanced for this project from the 12-66-1056 composite, the dedicated tax levy is no longer required in 2015.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model. This program utilizes a balanced approach of various capital improvement techniques (reconstruction, overlay, microsurfacing) to maximize asset value and asset life. Sufficient funding levels will assist in ensuring that neighbourhood road work occurs at an optimum interval so that every City neighbourhood will receive capital improvements within thirty years. To do so, the current ratio is to start 6 complete neighbourhoods per year. Population and demographic growth in the City are contributing to an increase in the number of neighbourhoods being added to this program, further emphasizing the need for continuous funding to meet renewal needs of current and future neighbourhoods. Unpredictable funding levels will impede on the ability to mitigate the effects of rising construction prices and availability during stronger economic times. Neighbourhood project planning can occur two years prior to construction work, offering the opportunity to capitalize on longer term contracts and achieve greater value for money.

The Neighbourhood Tax Levy was initiated and imposed in 2009 to support and sustain funding for neighbourhood renewal (includes reconstruction and rehabilitation). Tax Levy contributions levels were assessed with the intent to provide adequate and sufficient funding for all neighbourhood renewal work by the year 2018. Subsidized funding from a provincial source MSI, is planned to continue to 2018, in order to provide financial resources for the City to start 6 new complete neighbourhood reconstruction projects annually. The 50/50 Sidewalk Reconstruction Local Improvement Tax Levy is also dedicated funding for this program. Service levels are dependent upon available funding and assessed renewal needs.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NBHD Renewal - Hazeldean****FUNDED**PROFILE NUMBER: **14-66-1065**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	27,971	-	-	-	-	-	-	-	-	-	-	27,971
	2012 CBS Budget Adjustment	288	-	-	-	-	-	-	-	-	-	-	288
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-288	-	-	-	-	-	-	-	-	-	-	-288
	2014 Cap Carry Forward	-1,028	1,028	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,028	-	-	-	-	-	-	-	-	-	-1,028
	Current Approved Budget	26,943	-	-	-	-	-	-	-	-	-	-	26,943
	Approved Funding Sources												
	Local Improvements Prop. Share	2,849	-	-	-	-	-	-	-	-	-	-	2,849
BUDGET REQUEST	Munc Sustain. Initiative - MSI	12,287	-	-	-	-	-	-	-	-	-	-	12,287
	Pay-As-You-Go - NBHR	11,807	-	-	-	-	-	-	-	-	-	-	11,807
	Current Approved Funding Sources	26,943	-	-	-	-	-	-	-	-	-	-	26,943

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	26,943	-	-	-	-	-	-	-	-	-	-	26,943
	Requested Funding Source												
	Local Improvements Prop. Share	2,849	-	-	-	-	-	-	-	-	-	-	2,849
	Munc Sustain. Initiative - MSI	12,287	-	-	-	-	-	-	-	-	-	-	12,287
	Pay-As-You-Go - NBHR	11,807	-	-	-	-	-	-	-	-	-	-	11,807
	Requested Funding Source	26,943	-	-	-	-	-	-	-	-	-	-	26,943

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,028	-	-	-	-	-	-	-	-	-	-	-1,028
	Other Costs	27,971	-	-	-	-	-	-	-	-	-	-	27,971
	Total	26,943	-	-	-	-	-	-	-	-	-	-	26,943

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - CROMDALE**  
 PROFILE: **14-66-1067**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	11,322
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,322
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Cromdale Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long Term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Cromdale****FUNDED**PROFILE NUMBER: **14-66-1067**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,581	5,334	-	-	-	-	-	-	-	-	-	8,915
	2012 CBS Budget Adjustment	30	-	-	-	-	-	-	-	-	-	-	30
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-30	-	-	-	-	-	-	-	-	-	-	-30
	2014 Cap Budget Request for Next Cycle	-	2,407	-	-	-	-	-	-	-	-	-	2,407
	2014 Cap Carry Forward	658	-658	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	4,239	7,083	-	-	-	-	-	-	-	-	-	11,322
	Approved Funding Sources												
	Local Improvements Prop. Share	196	1,045	-	-	-	-	-	-	-	-	-	1,241
APPROVED BUDGET	Pay-As-You-Go - NBHR	4,043	6,038	-	-	-	-	-	-	-	-	-	10,081
	Current Approved Funding Sources	4,239	7,083	-	-	-	-	-	-	-	-	-	11,322

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,239	7,083	-	-	-	-	-	-	-	-	-	11,322
	Requested Funding Source												
	Local Improvements Prop. Share	196	1,045	-	-	-	-	-	-	-	-	-	1,241
	Pay-As-You-Go - NBHR	4,043	6,038	-	-	-	-	-	-	-	-	-	10,081
	Requested Funding Source	4,239	7,083	-	-	-	-	-	-	-	-	-	11,322

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-804	3,164	-	-	-	-	-	-	-	-	-	2,360
	Design	1,462	-1,439	-	-	-	-	-	-	-	-	-	24
	Land	-	24	-	-	-	-	-	-	-	-	-	24
	Other Costs	3,581	5,334	-	-	-	-	-	-	-	-	-	8,915
	Total	4,239	7,083	-	-	-	-	-	-	-	-	-	11,322

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - GLENORA**  
 PROFILE: **14-66-1068**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2016
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	48,554
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	48,554
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Glenora Neighbourhood Reconstruction is part of Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used for design and construction. Long Term contracts for Neighbourhood Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Glenora**  
 PROFILE NUMBER: **14-66-1068**  
 BRANCH: **Transportation Operations**

**FUNDED**

PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	11,719	24,572	-	-	-	-	-	-	-	-	-	36,291
	2012 CBS Budget Adjustment	2	-	-	-	-	-	-	-	-	-	-	2
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-2	-	-	-	-	-	-	-	-	-	-	-2
	2014 Cap Budget Request for Next Cycle	-	-	10,597	-	-	-	-	-	-	-	-	10,597
	2014 Cap Carry Forward	4,299	-4,299	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,666	-	-	-	-	-	-	-	-	-	1,666
	Current Approved Budget	16,018	21,939	10,597	-	-	-	-	-	-	-	-	48,554
	Approved Funding Sources												
	Local Improvements Prop. Share	1,666	-	1,060	-	-	-	-	-	-	-	-	2,726
	Pay-As-You-Go - NBHR	14,352	21,939	9,537	-	-	-	-	-	-	-	-	45,828
	Current Approved Funding Sources	16,018	21,939	10,597	-	-	-	-	-	-	-	-	48,554

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	16,018	21,939	10,597	-	-	-	-	-	-	-	-	48,554
	Requested Funding Source												
	Local Improvements Prop. Share	1,666	-	1,060	-	-	-	-	-	-	-	-	2,726
	Pay-As-You-Go - NBHR	14,352	21,939	9,537	-	-	-	-	-	-	-	-	45,828
	Requested Funding Source	16,018	21,939	10,597	-	-	-	-	-	-	-	-	48,554

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	4,299	-2,633	10,385	-	-	-	-	-	-	-	-	12,051
	Design	-	-	105	-	-	-	-	-	-	-	-	105
	Land	-	-	106	-	-	-	-	-	-	-	-	106
	Other Costs	11,719	24,572	-	-	-	-	-	-	-	-	-	36,291
	Total	16,018	21,939	10,597	-	-	-	-	-	-	-	-	48,554

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - BELGRAVIA**  
 PROFILE: **14-66-1083**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Bob Dunford
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	20,854
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	20,854
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Belgravia Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Belgravia****FUNDED**PROFILE NUMBER: **14-66-1083**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	100	100	200	100	-	-	-	-	-	-	-	500
	2014 Cap Budget Request for Next Cycle	-	90	180	6,794	13,290	-	-	-	-	-	-	20,354
	2014 Cap Carry Forward	-100	100	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	100	200	100	-	-	-	-	-	-	-	500
	2014 SCBA Transfers >\$250K<\$1M	-100	-100	-200	-100	-	-	-	-	-	-	-	-500
	Current Approved Budget	-	290	380	6,894	13,290	-	-	-	-	-	-	20,854
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	670	1,328	-	-	-	-	-	-	1,998
	Munc Sustain. Initiative - MSI	-	90	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	-	200	380	6,224	11,962	-	-	-	-	-	-	18,766
	Current Approved Funding Sources	-	290	380	6,894	13,290	-	-	-	-	-	-	20,854

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	290	380	6,894	13,290	-	-	-	-	-	-	20,854
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	670	1,328	-	-	-	-	-	-	1,998
	Munc Sustain. Initiative - MSI	-	90	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	-	200	380	6,224	11,962	-	-	-	-	-	-	18,766
	Requested Funding Source	-	290	380	6,894	13,290	-	-	-	-	-	-	20,854

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	90	180	6,727	12,626	-	-	-	-	-	-	19,623
	Design	-	200	200	100	531	-	-	-	-	-	-	1,031
	Land	-	-	-	67	133	-	-	-	-	-	-	200
	Total	-	290	380	6,894	13,290	-	-	-	-	-	-	20,854

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - LAUDERDALE**  
 PROFILE: **14-66-1084**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Bob Dunford
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	23,267
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	23,267
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Lauderdale Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Lauderdale**  
 PROFILE NUMBER: **14-66-1084**  
 BRANCH: **Transportation Operations**

**FUNDED**  
 PROFILE TYPE: **Standalone**  
 BUDGET CYCLE **2015-2018 run for 2015**

**CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	100	100	200	100	-	-	-	-	-	-	-	500
	2014 Cap Budget Request for Next Cycle	-	90	7,704	14,973	-	-	-	-	-	-	-	22,767
	2014 Cap Carry Forward	-14	14	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	100	200	100	-	-	-	-	-	-	-	500
	2014 SCBA Transfers >\$250K<\$1M	-100	-100	-200	-100	-	-	-	-	-	-	-	-500
	Current Approved Budget	86	204	7,904	15,073	-	-	-	-	-	-	-	23,267
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	752	1,489	-	-	-	-	-	-	-	2,241
	Munc Sustain. Initiative - MSI	73	17	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	13	187	7,152	13,584	-	-	-	-	-	-	-	20,936
	Current Approved Funding Sources	86	204	7,904	15,073	-	-	-	-	-	-	-	23,267

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	86	204	7,904	15,073	-	-	-	-	-	-	-	23,267
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	752	1,489	-	-	-	-	-	-	-	2,241
	Munc Sustain. Initiative - MSI	73	17	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	13	187	7,152	13,584	-	-	-	-	-	-	-	20,936
	Requested Funding Source	86	204	7,904	15,073	-	-	-	-	-	-	-	23,267

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	90	7,629	14,825	-	-	-	-	-	-	-	22,544
	Design	86	114	200	100	-	-	-	-	-	-	-	500
	Land	-	-	75	148	-	-	-	-	-	-	-	223
	Total	86	204	7,904	15,073	-	-	-	-	-	-	-	23,267

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - LANSDOWNE**  
 PROFILE: **14-66-1085**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Bob Dunford
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>
5

<b>RENEWAL</b>
95

PREVIOUSLY APPROVED:	10,738
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,738
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Lansdowne Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Lansdowne****FUNDED**PROFILE NUMBER: **14-66-1085**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	100	100	200	100	-	-	-	-	-	-	-	500
	2014 Cap Budget Request for Next Cycle	-	90	3,497	6,651	-	-	-	-	-	-	-	10,238
	2014 Cap Carry Forward	-68	68	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	100	200	100	-	-	-	-	-	-	-	500
	2014 SCBA Transfers >\$250K<\$1M	-100	-100	-200	-100	-	-	-	-	-	-	-	-500
	Current Approved Budget	32	258	3,697	6,751	-	-	-	-	-	-	-	10,738
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	331	656	-	-	-	-	-	-	-	987
	Munc Sustain. Initiative - MSI	-	90	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	32	168	3,366	6,095	-	-	-	-	-	-	-	9,661
	Current Approved Funding Sources	32	258	3,697	6,751	-	-	-	-	-	-	-	10,738

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	32	258	3,697	6,751	-	-	-	-	-	-	-	10,738
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	331	656	-	-	-	-	-	-	-	987
	Munc Sustain. Initiative - MSI	-	90	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	32	168	3,366	6,095	-	-	-	-	-	-	-	9,661
	Requested Funding Source	32	258	3,697	6,751	-	-	-	-	-	-	-	10,738

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	90	3,464	6,586	-	-	-	-	-	-	-	10,140
	Design	32	168	200	100	-	-	-	-	-	-	-	500
	Land	-	-	33	65	-	-	-	-	-	-	-	98
	Total	32	258	3,697	6,751	-	-	-	-	-	-	-	10,738

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - QUEEN MARY PARK**  
 PROFILE: **14-66-1086**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Bob Dunford
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ESTIMATED START:	January, 2013
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	21,670
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	21,670

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Queen Mary Park Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Queen Mary Park****FUNDED**PROFILE NUMBER: **14-66-1086**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	100	100	200	100	-	-	-	-	-	-	-	500
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	90	13,827	7,253	-	-	-	-	-	-	-	21,170
	2014 Cap Carry Forward	-58	58	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	100	100	200	100	-	-	-	-	-	-	-	500
	2014 SCBA Transfers >\$250K<\$1M	-100	-100	-200	-100	-	-	-	-	-	-	-	-500
	Current Approved Budget	42	248	14,027	7,353	-	-	-	-	-	-	-	21,670
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	1,364	716	-	-	-	-	-	-	-	2,080
BUDGET REQUEST	Munc Sustain. Initiative - MSI	33	57	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	8	192	12,663	6,637	-	-	-	-	-	-	-	19,500
	Current Approved Funding Sources	42	248	14,027	7,353	-	-	-	-	-	-	-	21,670

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	42	248	14,027	7,353	-	-	-	-	-	-	-	21,670
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	1,364	716	-	-	-	-	-	-	-	2,080
	Munc Sustain. Initiative - MSI	33	57	-	-	-	-	-	-	-	-	-	90
	Pay-As-You-Go - NBHR	8	192	12,663	6,637	-	-	-	-	-	-	-	19,500
	Requested Funding Source	42	248	14,027	7,353	-	-	-	-	-	-	-	21,670

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	90	13,690	7,182	-	-	-	-	-	-	-	20,962
	Design	42	158	200	100	-	-	-	-	-	-	-	500
	Land	-	-	137	71	-	-	-	-	-	-	-	208
	Other Costs	-	-	-	-	-	-	-	-	-	-	-	-
	Total	42	248	14,027	7,353	-	-	-	-	-	-	-	21,670

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - 90 AVENUE (75 ST - 83 ST)**  
 PROFILE: **14-66-2013**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2014
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Roads
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	5,234
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	5,234
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**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

90 Avenue (75 St - 83 St) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 90 Avenue (75 St - 83 St)****FUNDED**PROFILE NUMBER: **14-66-2013**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2014 Cap Budget Request for Next Cycle	-	6,366	-	-	-	-	-	-	-	-	-	6,366
	2014 Cap Carry Forward	-265	265	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	200	-	-	-	-	-	-	-	-	-	-	200
	2014 SCBA Within Dept <\$250K	300	-	-	-	-	-	-	-	-	-	-	300
	2015 Cap Council	-	-1,632	-	-	-	-	-	-	-	-	-	-1,632
	Current Approved Budget	235	4,999	-	-	-	-	-	-	-	-	-	5,234
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	4,097	-	-	-	-	-	-	-	-	-	4,097
APPROVED BUDGET	Pay-As-You-Go	235	902	-	-	-	-	-	-	-	-	-	1,137
	Current Approved Funding Sources	235	4,999	-	-	-	-	-	-	-	-	-	5,234

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	235	4,999	-	-	-	-	-	-	-	-	-	5,234
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	4,097	-	-	-	-	-	-	-	-	-	4,097
	Pay-As-You-Go	235	902	-	-	-	-	-	-	-	-	-	1,137
	Requested Funding Source	235	4,999	-	-	-	-	-	-	-	-	-	5,234

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	4,671	-	-	-	-	-	-	-	-	-	4,671
	Design	235	265	-	-	-	-	-	-	-	-	-	500
	Land	-	63	-	-	-	-	-	-	-	-	-	63
	Total	235	4,999	-	-	-	-	-	-	-	-	-	5,234

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **PARKING CONTROL TECHNOLOGY**  
 PROFILE: **14-66-2570**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Parking Control**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Post Budget Approval**

PROFILE TYPE: **Standalone**

PROFILE MANAGER: **Gord Cebryk**

LEAD BRANCH MANAGER: **Gord Cebryk**

ESTIMATED START: **August, 2014**

ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>12,000</b>
<b>60</b>	<b>40</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>12,000</b>

**PROFILE DESCRIPTION**

The City of Edmonton is in need of modernizing its current on-street and off-street parking operations along with the underlying technology. This includes replacement of 3,300 meters and technology supporting 5 off-street facilities for an existing inventory of approximately 6,000 stalls. New technology will provide for uniformity of parking management, pricing flexibility, additional customer payment options (e.g. credit card, cell phone) resulting in an overall improved customer experience. The new system will deliver additional efficiencies in enforcement and payment collection. With a digitally based parking system, the resulting data will provide for the business intelligence needed to support improved parking planning.

**PROFILE BACKGROUND**

The City of Edmonton is in need of modernizing and revitalizing its current on-street and off-street parking operations along with the underlying technologies and IT systems. Current systems and processes are outdated and manually intensive, which do not take advantage of efficiencies and greater revenue potential that can be achieved with new technologies. As well, opportunities for achieving greater levels of customer service are not possible without a technology refresh. Industry proven opportunities for achieving greater levels of customer service can be achieved along with lowering operating costs through the modernization of parking controls. The City has undertaken a pilot program on some downtown locations. The public has reacted favorably to this pilot.

eg. favorable response to surveys and increased use of technology through the use of credit card and mobile applications.

**PROFILE JUSTIFICATION**

The Way Ahead and the Way We Prosper - a modernized suite of parking related services promotes Edmonton as a world-class City.

The Way We Move - People and goods to move efficiently with available and affordable access to parking.

The We Live - Sustainable balance between affordability of parking, demand, and congestion in City's high-demand areas.

The Way We Finance - Financial sustainability with parking revenue contribution to financial obligations.

Tangible Benefits: Increased Utilization, Increased Operational Efficiency (i.e. Cash Management, Collection, Enforcement), Parking Rate Optimization, and Improved Patron Convenience,

Intangible Benefits: Improved Parking Planning with New Data, Growth for Entertainment District, and Improved Community Responsiveness.

**STRATEGIC ALIGNMENT**

Primarily contributes to a Shift in Edmonton's Transportation Mode where transit and active modes of travel are supported with a more mobile and cashless public. Also contributes to The Way We Prosper by Ensuring Edmonton's Financial Sustainability.

**ALTERNATIVES CONSIDERED**

1. Replace meters and parking facility systems with similar technologies (i.e. mechanical meters and cardkeys) estimated at \$4.5M ,
2. Pay-by-plate technology for On-street, Off-street, and Parking Enforcement systems \$12M,
3. Privatization model

**COST BENEFITS**

\$5M- Pay Stations Equipment (On-street and Off-street) and Installation, \$2.5M- Parking Facility Gates and Signals, \$3.5M- Parking Information Systems and Network Infrastructure, \$1.0M- Integration with City Systems (SAP, POSSE, Ticketing, etc)

Tangible Benefits: Improved Patron Convenience, Increased Revenues, Improved Community Responsiveness

Intangible Benefits: Improved Parking Planning with New Data, Growth for Entertainment District

**KEY RISKS & MITIGATING STRATEGY**

Citizen's expectations, changing demand and supply of parking, impact on traffic movement, impact of downtown development, payment and collection options, and revenue optimization. Investment in new technology minimizes risks.

**RESOURCES**

Existing mix of internal and external resources to be optimized. Costs include existing meter removal, installation of new system including hardware and software, pay stations and way finding equipment, and internal resources (Law, IT, Operations).

**CONCLUSIONS AND RECOMMENDATIONS**

Recommendations are to proceed with full implementation of new parking systems and technologies. The key elements will address needs for Improved Patron Convenience, Improved Responsiveness to the needs of the Community, and Increased Revenues

# CAPITAL PROFILE REPORT

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Parking Control Technology****FUNDED**PROFILE NUMBER: **14-66-2570**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	Current Approved Budget	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	Approved Funding Sources												
	Other	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	Current Approved Funding Sources	-	12,000	-	-	-	-	-	-	-	-	-	12,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	Requested Funding Source												
	Other	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	Requested Funding Source	-	12,000	-	-	-	-	-	-	-	-	-	12,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Equip FurnFixt	-	8,500	-	-	-	-	-	-	-	-	-	8,500
	Technology	-	3,500	-	-	-	-	-	-	-	-	-	3,500
	Total	-	12,000	-	-	-	-	-	-	-	-	-	12,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Material &amp; Equipment, Personnel, Revenue

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	500	500	-	3.0	3,000	-500	-3,500	-3.0	2,500	-300	-2,800	-2.0	900	-	-900	-
Total Operating Impact	500	500	-	3.0	3,000	-500	-3,500	-3.0	2,500	-300	-2,800	-2.0	900	-	-900	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **JASPER AV:109 ST - 116 ST**  
 PROFILE: **15-66-1021**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	-
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	-
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**PROFILE DESCRIPTION**

This single project is in conjunction with the 1020 Arterial/Primary Highway/Roads Renewal composite program. This project provides for the renewal of roadway base, paving, curbs, gutters, and sidewalks on Jasper Avenue, from 109 Street - 116 Street. Work includes pavement markings, minor geometric improvements, minor new sidewalk connections, minor traffic signal/controller rehabilitation, streetlighting, as well as land acquisition on the arterial network. The Pavement Investment Strategy outlines a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term. Primary Highway/Arterial roadways are a priority due to the high traffic volumes and cost sharing eligibility with the Province and other municipalities.

This project is coordinated with the Bridge Rehabilitation projects, Roadway Renewal projects, Transit Growth Priorities, Streetscape projects, and Neighbourhood/Collector Roadway Renewal projects. Operating and maintenance cost increases can be avoided through timely renewal of primary highways/arterials. To clarify, crack sealing of roadways is a cost effective preventative maintenance activity that will maintain structural capacity and mitigate the effects of frost and water damage unavoidable in Edmonton's changing climate, only if completed shortly after road paving.

Capital investment in this program requires at minimum \$40M+ for 2012, plus 5% per year thereafter, to sustain PQI ratings at or above current levels (6.1) per the Pavement Investment Strategy. Ongoing operating impact is estimated at \$100,000 per year for utilities, maintenance, repairs. Staffing is currently available within the existing FTE complement, and will be determined and requested as necessary.

Tangible benefits to be realized from this investment include rehabilitating the aging roads structures before they deteriorate to a condition requiring full reconstruction which then costs up to four times the cost of rehabilitation. Doing so offers travelers safe and efficient roads networks to move goods and people efficiently in and around the City, and designing roads projects to proactively consider the emerging trends and effects of travelers.

Intangible benefits to be realized from this investment include more efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced safety for vehicles and pedestrians, reduced volume of collisions, fatalities, and infrastructure damages, and others.

Projects within this initiative are coordinated interdepartmentally (Transportation Planning, Capital Construction, Transit, Transportation Operations) and interdepartmentally (Drainage Services, Sustainable Development, Great Neighbourhoods).

Stakeholders include the other departments, Citizens at large, other municipalities, and travelers in and around the City. These stakeholders are both internal and external to the organization, and are considered both primary and secondary in nature. Streetscape projects depend on the progress of Sustainable Development and Great Neighbourhoods. Arterial renewal locations are planned in conjunction with other Roads growth projects and Transit growth projects (bus lanes, signal priorities, LRT).

# CAPITAL PROFILE REPORT

## PROFILE JUSTIFICATION

Current average PQI (Pavement Quality Index) rating is 6.1. PQI is expected to deteriorate to 5.1 by the year 2014 if program funding is not maintained at a minimum of \$60M annually. Population growth and other demographic factors result in an increasing usage rate of arterial roads. To ensure the safety of vehicle, bus and pedestrian safety, arterial networks must be maintained and proactively renewed before its condition requires major reconstruction. The risks of allowing road conditions to deteriorate further are many, including risk to overall traffic safety and road renewal projects progressing to full road reconstruction. This will result in an increasing number of potholes, causing Citizen satisfaction levels to decrease. Arterial networks move traffic efficiently through and around the City. Deteriorating road conditions will significantly negatively impact the efficient movement of traffic and public satisfaction.

The pavement condition ratings will continue to decrease over the next 5 years. Current average PQI (Pavement Quality Index) rating is 6.1. This program is divided into major categories: Arterial Reconstruction, Arterial Renewal, Primary Hwy, and Rural Road Renewal.

This profile achieves the following outcomes.

Pavement Investment Strategy: Plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

The Way We Move: Strategic Goals: Transportation and Land Use Integration, Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Jasper Av:109 St - 116 St****FUNDED**PROFILE NUMBER: **15-66-1021**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	12,000	-	-	-	-	-	-	-	-	-	12,000
	2013 CBS Budget Adjustment	-	-11,500	-	-	-	-	-	-	-	-	-	-11,500
	2015 Cap Administrative	-	-500	-	-	-	-	-	-	-	-	-	-500
	Current Approved Budget	-	-	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	-	-	-	-	-	-	-	-
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**CAPITAL BUDGET BY ACTIVITY TYPE (000's)****OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - LAURIER HEIGHTS**  
 PROFILE: **15-66-1069**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	37,566
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	37,566
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Laurier Heights (W of 139 St) Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Laurier Heights****FUNDED**PROFILE NUMBER: **15-66-1069**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	2012 CBS Budget Adjustment	3	-	-	-	-	-	-	-	-	-	-	3
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-3	-	-	-	-	-	-	-	-	-	-	-3
	2014 Cap Budget Request for Next Cycle	-	15,979	4,506	4,592	-	-	-	-	-	-	-	25,077
	2014 Cap Carry Forward	3,363	-3,363	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	7,000	-	-	-	-	-	-	-	-	-	-	7,000
	2015 Cap Council	-	489	-	-	-	-	-	-	-	-	-	489
	Current Approved Budget	15,363	13,105	4,506	4,592	-	-	-	-	-	-	-	37,566
	Approved Funding Sources												
	Local Improvements Prop. Share	2,087	-	451	460	-	-	-	-	-	-	-	2,998
	Munc Sustain. Initiative - MSI	4,700	-	-	-	-	-	-	-	-	-	-	4,700
	Pay-As-You-Go - NBHR	8,576	13,105	4,055	4,132	-	-	-	-	-	-	-	29,868
	Current Approved Funding Sources	15,363	13,105	4,506	4,592	-	-	-	-	-	-	-	37,566

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	15,363	13,105	4,506	4,592	-	-	-	-	-	-	-	37,566
	Requested Funding Source												
	Local Improvements Prop. Share	2,087	-	451	460	-	-	-	-	-	-	-	2,998
	Munc Sustain. Initiative - MSI	4,700	-	-	-	-	-	-	-	-	-	-	4,700
	Pay-As-You-Go - NBHR	8,576	13,105	4,055	4,132	-	-	-	-	-	-	-	29,868
	Requested Funding Source	15,363	13,105	4,506	4,592	-	-	-	-	-	-	-	37,566

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	10,363	13,105	4,415	4,500	-	-	-	-	-	-	-	32,384
	Design	-	-	45	46	-	-	-	-	-	-	-	91
	Land	-	-	45	46	-	-	-	-	-	-	-	91
	Other Costs	5,000	-	-	-	-	-	-	-	-	-	-	5,000
	Total	15,363	13,105	4,506	4,592	-	-	-	-	-	-	-	37,566

**OPERATING IMPACT OF CAPITAL**

Type of Impact: Interdepartmental

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
(None)	-	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - JASPER AVENUE (109 ST - 124 ST)**  
 PROFILE: **15-66-2011**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2018
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>18,978</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>18,978</b>

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required. Streetscape components to be incorporated into the work are: improved pedestrian crossings and spaces, aesthetic improvements to standard transportation infrastructure (streetlights, bollards, etc), wayfinding, public art, seating, and landscaping, as available.

**PROFILE BACKGROUND**

Jasper Avenue (109 St - 124 St) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety. The streetscape improvements are in accordance with the Complete Streets initiative for improved multimodal transportation and will add to the aesthetic appeal of the area; being more attractive, walkable, and economically vibrant.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Reconstruction: (1) Do Nothing - significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service, (2) Band Aid Renewal - provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

Streetscape: (1) leave the reconstruction to the arterial standard, with no aesthetic improvements, (2) limited streetscape improvements throughout the entire project (particularly a reduction to decorative lighting elements), and (3) selective key nodes of pedestrian improvements only (crossings, wayfinding).

**COST BENEFITS**

Tangible benefits: (1) Reconstruction - renewing aging infrastructure, efficient movement of goods and people, increased

Intangible benefits: (1) Reconstruction - reduced environmental impacts, enhanced traffic safety;

(2) Streetscaping – enhanced function, appearance, and public appeal, increase property value, stimulate private investment, a greater sense of public pride, security, and vibrancy.

**KEY RISKS & MITIGATING STRATEGY**

To "do nothing" allows:

- poorer level of service
- higher risk to safety and failure
- higher maintenance costs

Streetscape improvements take longer, are more expensive, and require greater attention to quality assurance.

**RESOURCES**

Reconstruction - Contractors will be used in addition to internal project management and design

Streetscape - SD & TS to produce the vision, planning, and requirements. TS to coordinate the streetscape improvements with reconstruction.

# CAPITAL PROFILE REPORT

## CONCLUSIONS AND RECOMMENDATIONS

Reconstruction - required to achieve committed service levels.

Streetscape – will highlight the communities as places to live and do business. Coordinating streetscape enhancement with reconstruction optimizes public impact and cost-benefit.

## CONTINGENCY OF APPROVAL

Jasper Avenue Reconstruction and Streetscape Improvements - Sustainable Dev.  
December 11, 2014 - City Council Meeting

That Capital Profile APR Recon – Jasper Avenue (109 St – 124 St) #15-66-2011 be revised with the scope changed to incorporate the Streetscape Improvements, and that prior to construction under Capital Profile #15-66-2011, Administration provide a report through Committee to Council on the results of public consultation, concept design, and scope and timing of the Jasper Avenue Reconstruction and Streetscape Improvements.

Due By: To be determined Exec Committee

Contingency met: dd/mm/yyyy

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **ARP Recon - Jasper Avenue (109 St - 124 St)****FUNDED**PROFILE NUMBER: **15-66-2011**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	351	523	8,746	8,858	-	-	-	-	-	-	18,478
	2015 Cap Administrative	-	500	-	-	-	-	-	-	-	-	-	500
	Current Approved Budget	-	851	523	8,746	8,858	-	-	-	-	-	-	18,978
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	316	470	7,872	7,973	-	-	-	-	-	-	16,631
	Pay-As-You-Go	-	535	52	874	886	-	-	-	-	-	-	2,347
	Current Approved Funding Sources	-	851	523	8,746	8,858	-	-	-	-	-	-	18,978

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	851	523	8,746	8,858	-	-	-	-	-	-	18,978
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	316	470	7,872	7,973	-	-	-	-	-	-	16,631
	Pay-As-You-Go	-	535	52	874	886	-	-	-	-	-	-	2,347
	Requested Funding Source	-	851	523	8,746	8,858	-	-	-	-	-	-	18,978

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	8,746	8,858	-	-	-	-	-	-	17,605
	Design	-	351	523	-	-	-	-	-	-	-	-	874
	Other Costs	-	500	-	-	-	-	-	-	-	-	-	500
	Total	-	851	523	8,746	8,858	-	-	-	-	-	-	18,978

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - 124 STREET (111 AVE - 118 AVE)**  
 PROFILE: **15-66-2012**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	January, 2019
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,674</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,674</b>

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

124 Street (111 Av - 118 Av) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, and Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 124 Street (111 Ave - 118 Ave)****FUNDED**PROFILE NUMBER: **15-66-2012**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674
	Current Approved Budget	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	181	274	5,532	3,617	-	-	-	-	-	9,605
	Pay-As-You-Go	-	-	21	31	615	403	-	-	-	-	-	1,069
	Current Approved Funding Sources	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	181	274	5,532	3,617	-	-	-	-	-	9,605
	Pay-As-You-Go	-	-	21	31	615	403	-	-	-	-	-	1,069
	Requested Funding Source	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	6,085	3,980	-	-	-	-	-	10,065
	Design	-	-	202	305	-	-	-	-	-	-	-	507
	Land	-	-	-	-	62	40	-	-	-	-	-	102
	Total	-	-	202	305	6,147	4,020	-	-	-	-	-	10,674

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP REHAB - CONNORS ROAD (90 AVE - 94 ST)**  
 PROFILE: **15-66-2019**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Roads
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	4,700
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	4,700
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**PROFILE DESCRIPTION**

Major rehabilitation of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, and minor geometric improvements, minor additions in active mode connections, and land acquisition as required.

**PROFILE BACKGROUND**

Connors Road (90 Ave - 94 St) rehabilitation is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. Deterioration will be expedited if rehabilitation is not pursued in a timely manner to maintain traffic safety. Risk of not rehabbing this road segment will result in a significant risk to traffic safety and significant operating dollars will be expended to provide temporary repairs of potholes until the road is reconstructed.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Using life cycle cost/benefit analysis demonstrates that a reconstruction-only program that would take many more years to complete at a significantly higher cost than a holistic approach (reconstruction, rehab, and preventative maintenance).

**COST BENEFITS**

Rehabilitation required to achieve committed service levels of efficient movement of goods and people, traffic safety, good public satisfaction (no potholes or disruption).

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Rehabilitation required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Rehab - Connors Road (90 Ave - 94 St)****FUNDED**PROFILE NUMBER: **15-66-2019**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	5,268	-	-	-	-	-	-	-	-	-	5,268
	2015 Cap Council	-	-568	-	-	-	-	-	-	-	-	-	-568
	Current Approved Budget	-	4,700	-	-	-	-	-	-	-	-	-	4,700
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	4,450	-	-	-	-	-	-	-	-	-	4,450
	Pay-As-You-Go	-	250	-	-	-	-	-	-	-	-	-	250
	Current Approved Funding Sources	-	4,700	-	-	-	-	-	-	-	-	-	4,700

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	4,700	-	-	-	-	-	-	-	-	-	4,700
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	4,450	-	-	-	-	-	-	-	-	-	4,450
	Pay-As-You-Go	-	250	-	-	-	-	-	-	-	-	-	250
	Requested Funding Source	-	4,700	-	-	-	-	-	-	-	-	-	4,700

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	4,595	-	-	-	-	-	-	-	-	-	4,595
	Design	-	53	-	-	-	-	-	-	-	-	-	53
	Land	-	53	-	-	-	-	-	-	-	-	-	53
	Total	-	4,700	-	-	-	-	-	-	-	-	-	4,700

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON -142 ST (118 AVE - YELLOWHEAD TRAIL)**  
 PROFILE: **15-66-2020**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Barry Belcourt**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,200</b>
<b>5</b>	<b>95</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,200</b>

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

142 Street (118 Ave - Yellowhead Trail) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon -142 St (118 Ave - Yellowhead Trail)****FUNDED**PROFILE NUMBER: **15-66-2020**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	5,200	-	-	-	-	-	-	-	-	-	5,200
	Current Approved Budget	-	5,200	-	-	-	-	-	-	-	-	-	5,200
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	4,940	-	-	-	-	-	-	-	-	-	4,940
	Pay-As-You-Go	-	260	-	-	-	-	-	-	-	-	-	260
	Current Approved Funding Sources	-	5,200	-	-	-	-	-	-	-	-	-	5,200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	5,200	-	-	-	-	-	-	-	-	-	5,200
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	4,940	-	-	-	-	-	-	-	-	-	4,940
	Pay-As-You-Go	-	260	-	-	-	-	-	-	-	-	-	260
	Requested Funding Source	-	5,200	-	-	-	-	-	-	-	-	-	5,200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	5,200	-	-	-	-	-	-	-	-	-	5,200
	Total	-	5,200	-	-	-	-	-	-	-	-	-	5,200

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	ARP REHAB-SHERWOOD PARK FWY (71 ST-CITY LIMITS)	<b>FUNDED</b>
PROFILE	15-66-2021	PROFILE STAGE: Approved
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Operations	PROFILE MANAGER: Gord Cebryk
PROGRAM NAME:	Arterial Rehabilitation	LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2015

Service Category:	Roads	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	6,940
5	95	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	6,940

**PROFILE DESCRIPTION**

Rehabilitation of major arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, guard rails, streetlighting and traffic signal rehab, and minor geometric improvements, minor additions in active mode connections, and land acquisition as required.

**PROFILE BACKGROUND**

Sherwood Park FWY (71 St - City Limits) rehabilitation is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating moderate deterioration exists that can become a risk to safety and the current level of service provided by the roadway is poor to fair. If rehabilitation is not pursued in a timely manner, the road will deteriorate to a state where reconstruction (a significantly more expensive renewal treatment) is the only reasonable alternative to maintain traffic safety. Risk of not rehabbing this road segment will result in a risk to traffic safety, significant operating dollars expended to provide temporary repairs of potholes, and higher capital renewal expenditures (such as reconstruction).

Smaller projects were combine into one large corridor project (representing 13.8 lane-km) to achieve an economy of scale that would encourage good pricing and to minimize future/multiple traffic disruption(s) along this major arterial route.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Using Life cycle cost/benefit analysis demonstrates that a reconstruction-only program that would take many more years to complete at a significantly higher cost than a holistic approach (reconstruction, rehab, and preventative maintenance).

**COST BENEFITS**

Rehabilitation required to achieve committed service levels of efficient movement of goods and people, traffic safety, good public satisfaction (no potholes or disruption).

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Rehabilitation required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Rehab-Sherwood Park Fwy (71 St-City Limits)****FUNDED**PROFILE NUMBER: **15-66-2021**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget		-	-	-	-	-	-	-	-	-	-	-
	Original Budget Approved		-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council		6,940	-	-	-	-	-	-	-	-	-	6,940
	Current Approved Budget		6,940	-	-	-	-	-	-	-	-	-	6,940
	Approved Funding Sources		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		6,593	-	-	-	-	-	-	-	-	-	6,593
	Pay-As-You-Go		347	-	-	-	-	-	-	-	-	-	347
	Current Approved Funding Sources		6,940	-	-	-	-	-	-	-	-	-	6,940

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,940	-	-	-	-	-	-	-	-	-	6,940
	Requested Funding Source		-	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI		6,593	-	-	-	-	-	-	-	-	-	6,593
	Pay-As-You-Go		347	-	-	-	-	-	-	-	-	-	347
	Requested Funding Source		6,940	-	-	-	-	-	-	-	-	-	6,940

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	6,940	-	-	-	-	-	-	-	-	-	6,940
	Total	-	6,940	-	-	-	-	-	-	-	-	-	6,940

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP REHAB - 50 ST (82 AVE - 101 AVE)**  
 PROFILE: **15-66-2022**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Barry Belcourt**  
 ESTIMATED START: **January, 2015**  
 ESTIMATED COMPLETION: **December, 2015**

<b>Service Category: Roads</b>		<b>Major Initiative:</b>	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>6,700</b>
<b>5</b>	<b>95</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>6,700</b>

**PROFILE DESCRIPTION**

Rehabilitation of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, and minor geometric improvements, minor additions in active mode connections, and land acquisition as required.

**PROFILE BACKGROUND**

50 Street (82 Ave - 101 Ave) rehabilitation is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating moderate to severe deterioration exists that can become a risk to safety and the current level of service provided by the roadway is poor to fair. If rehabilitation is not pursued in a timely manner, the road will deteriorate to a state where reconstruction (a significantly more expensive renewal treatment) is the only reasonable alternative to maintain traffic safety. Risk of not rehabbing this road segment will result in a risk to traffic safety, significant operating dollars expended to provide temporary repairs of potholes, and higher capital renewal expenditures (such as reconstruction).

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Using Life cycle cost/benefit analysis demonstrates that a reconstruction-only program that would take many more years to complete at a significantly higher cost than a holistic approach (reconstruction, rehab, and preventative maintenance).

**COST BENEFITS**

Rehabilitation required to achieve committed service levels of efficient movement of goods and people, traffic safety, good public satisfaction (no potholes or disruption).

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Rehabilitation required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Rehab - 50 St (82 Ave - 101 Ave)****FUNDED**PROFILE NUMBER: **15-66-2022**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	6,700	-	-	-	-	-	-	-	-	-	6,700
	Current Approved Budget	-	6,700	-	-	-	-	-	-	-	-	-	6,700
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	6,365	-	-	-	-	-	-	-	-	-	6,365
	Pay-As-You-Go	-	335	-	-	-	-	-	-	-	-	-	335
	Current Approved Funding Sources	-	6,700	-	-	-	-	-	-	-	-	-	6,700

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,700	-	-	-	-	-	-	-	-	-	6,700
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	6,365	-	-	-	-	-	-	-	-	-	6,365
	Pay-As-You-Go	-	335	-	-	-	-	-	-	-	-	-	335
	Requested Funding Source	-	6,700	-	-	-	-	-	-	-	-	-	6,700

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	6,700	-	-	-	-	-	-	-	-	-	6,700
	Total	-	6,700	-	-	-	-	-	-	-	-	-	6,700

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	BRIDGE REHAB - 50 STREET OVER SHERWOOD PARK FWY	<b>FUNDED</b>
PROFILE	15-66-2414	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Operations	PROFILE MANAGER: Gord Cebryk
PROGRAM NAME:	Bridge Reconstruction	LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2017

Service Category:	Roads	Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	3,000
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	3,000

**PROFILE DESCRIPTION**

Reconstruction and replacement of the bridge superstructure, as well as renewal of the piers and abutments, and adjustment of the vertical clearance to meet current standards.

The 2015-18 approved budget provides funding for a minor bridge rehabilitation to keep the structure operational until the Valley Line LRT construction is completed at which time this structure will be replaced.

**PROFILE BACKGROUND**

Reconstruction of the 50 Street over Sherwood Park Freeway structure due to deteriorating conditions and restrictive load carrying capacity.

As a result of council budget deliberations, CAP #22 amendment decreased the budget by \$22.086M, leaving \$3M for work as required to keep the structure operational until the Valley Line LRT construction is completed, at which time this structure will be replaced.

**PROFILE JUSTIFICATION**

Current sufficiency rating is 61.1% indicating a need for renewal to maintain desired level of service and safety.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving access and mobility for all modes of commuting. It also aligns with the Way We Prosper by allowing direct access to truck traffic and maintaining 50th Street as a truck route.

**ALTERNATIVES CONSIDERED**

An alternative is to defer the reconstruction, however the bridge condition will continue to deteriorate; truck traffic above a certain weight will have to be prohibited on the bridge, and deterioration of the hangars can cause catastrophic failure.

**COST BENEFITS**

The tangible benefits to be realized from this investment include replacing the bridge before it deteriorates to a condition deemed unsafe for use, a structure that is safe, will support truck traffic carrying present day loads; provide safe passage for pedestrians and cyclists and will accommodate future widening of 50th Street.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external contractor to complete construction. The contractor will be selected through a tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this widening project be approved to reconstruct the existing structure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **BRIDGE Rehab - 50 Street over Sherwood Park Fwy****FUNDED**PROFILE NUMBER: **15-66-2414**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	3,000	-	-	-	-	-	-	-	3,000
	Current Approved Budget	-	-	-	3,000	-	-	-	-	-	-	-	3,000
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	3,000	-	-	-	-	-	-	-	3,000
	Current Approved Funding Sources	-	-	-	3,000	-	-	-	-	-	-	-	3,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	3,000	-	-	-	-	-	-	-	3,000
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	3,000	-	-	-	-	-	-	-	3,000
	Requested Funding Source	-	-	-	3,000	-	-	-	-	-	-	-	3,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	2,505	-	-	-	-	-	-	-	2,505
	Design	-	-	-	495	-	-	-	-	-	-	-	495
	Total	-	-	-	3,000	-	-	-	-	-	-	-	3,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **HIGH LEVEL BRIDGE SAFETY RAIL**  
 PROFILE: **15-66-2418**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2015
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Service Category:	Roads
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	3,000
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	3,000
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**PROFILE DESCRIPTION**

Installation of a suicide deterrent fence on the lower deck of the High Level Bridge.

The proposed structure will include:

- New horizontal tension cable barrier
- New stainless steel posts
- New stainless steel mesh to replace existing
- Installation of emergency phones and signage.

**PROFILE BACKGROUND**

The High Level Bridge is the location of several suicide attempts and suicides annually. Citizens felt that protection measures must be taken by the City and presented arguments to Council on August 18, 2014.

**PROFILE JUSTIFICATION**

On August 18, 2014 the Community Services Committee directed that Administration prepare a capital profile for a refined version of option 2 (capped at \$3 million) of the August 18, 2014 Community Services report CR\_1016, for Council's consideration during the 2015-2018 capital budget process. The High Level Bridge is the location of several suicides and attempts annually. These events use significant police and EMS resources and it is thought that the installation of the fence will free up these resources to be deployed elsewhere. Furthermore, this structure will provide additional safety for all pedestrians and cyclists using the bridge.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Live by protecting vulnerable members of our society.

**ALTERNATIVES CONSIDERED**

- Chain Link (\$1.19M)
- Modified Chain Link (\$1.7M)
- Existing Guardrail with additional stainless steel posts and mesh (\$3M)
- State of the Art Design
- Do nothing

**COST BENEFITS**

The tangible benefits include savings of time and money by emergency services - police and medical. There are intangible benefits to society as a whole and portrays that the City is empathetic towards the marginalized members of our community.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external consultant and a contractor.

**CONCLUSIONS AND RECOMMENDATIONS**

Funding be approved for the design and construction of the suicide deterrent fencing

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **High Level Bridge Safety Rail****FUNDED**PROFILE NUMBER: **15-66-2418**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,000	-	-	-	-	-	-	-	-	-	3,000
	Current Approved Budget	-	3,000	-	-	-	-	-	-	-	-	-	3,000
	Approved Funding Sources												
	Pay-As-You-Go	-	3,000	-	-	-	-	-	-	-	-	-	3,000
	Current Approved Funding Sources	-	3,000	-	-	-	-	-	-	-	-	-	3,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,000	-	-	-	-	-	-	-	-	-	3,000
	Requested Funding Source												
	Pay-As-You-Go	-	3,000	-	-	-	-	-	-	-	-	-	3,000
	Requested Funding Source	-	3,000	-	-	-	-	-	-	-	-	-	3,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,700	-	-	-	-	-	-	-	-	-	2,700
	Design	-	300	-	-	-	-	-	-	-	-	-	300
	Total	-	3,000	-	-	-	-	-	-	-	-	-	3,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	53 AVENUE OVER WHITEMUD DRIVE BRIDGE REHABILITATION	<b>FUNDED</b>
PROFILE	15-66-2419	PROFILE STAGE: Approved
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Operations	PROFILE MANAGER: Gord Cebryk
PROGRAM NAME:		LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: November, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2018

Service Category:	Roads	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	10,800
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	10,800

**PROFILE DESCRIPTION**

This single project is in conjunction with and funded via the CM-66-2400 Composite Bridge Program, and includes renewal of 53 Avenue over Whitemud Drive bridge. This project includes strengthening and rehabilitation of the bridge structure.

**PROFILE BACKGROUND**

Renewal of the 53 Avenue over Whitemud Drive bridge is recommended due to deteriorating conditions and the requirement to strengthen the structural members to support current design loads. This renewal will provide the opportunity to improve the functionality of the structure. Design costs for this bridge for an additional amount of \$1.6 million have been expended in the Bridge Rehabilitation composite profile.

**PROFILE JUSTIFICATION**

Bridges must be maintained to ensure structural integrity to prevent collapse. Public safety is a key risk of this program. Population growth and other demographic factors result in an increasing usage rate of arterial roads and bridges. To ensure the safety of vehicle, bus and pedestrian safety, bridges must be maintained and proactively renewed before its condition requires major reconstruction. Bridge networks move traffic efficiently through and around the City. Deteriorating conditions will significantly and negatively impact the efficient movement of traffic. The 53 Avenue over Whitemud Drive bridge was built in 1977 and has not been rehabilitated. Renewal of this bridge is required to address load carrying capacity, and ongoing deterioration.

**STRATEGIC ALIGNMENT**

Aligns to the strategic objectives "The City of Edmonton has sustainable and accessible infrastructure" and "Goods and services move efficiently" by ensuring the City's bridge infrastructure network is maintained and accessible to all Edmontonians.

**ALTERNATIVES CONSIDERED**

An alternative strategy is to "do nothing" - defer the renewal to a later date, however the bridge condition will continue to deteriorate increasing the scope of the work.

**COST BENEFITS**

The tangible benefits to be realized from this investment include renewing the bridges before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider emerging trends and effects of travelers to achieve benefits over its full asset life. Intangible benefits include more efficient movement of goods, services and people.

**KEY RISKS & MITIGATING STRATEGY**

To ensure structural integrity, bridges must be maintained and proactively renewed before conditions require major reconstruction. Contractor agreements will be in place to minimize the City's risk during construction activity.

**RESOURCES**

The project will require an external contractor to complete construction. The contractor will be selected through a tender process. Engineering costs (design) for the project were previously funded from the bridge composite profile CM-66-2400.

**CONCLUSIONS AND RECOMMENDATIONS**

Approve the transfer of \$10.8M in funding from Bridge Composite Profiles to fund the 53 Ave over Whitemud Drive Bridge Rehabilitation as a new stand-alone profile #15-66-2419, to renew the bridge as costs exceed \$5M.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **53 Avenue over Whitemud Drive Bridge Rehabilitation****FUNDED**PROFILE NUMBER: **15-66-2419**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800
	Current Approved Budget	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	1,235	5,387	3,544	95	-	-	-	-	-	-	10,260
	Pay-As-You-Go	-	65	284	187	5	-	-	-	-	-	-	540
	Current Approved Funding Sources	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	1,235	5,387	3,544	95	-	-	-	-	-	-	10,260
	Pay-As-You-Go	-	65	284	187	5	-	-	-	-	-	-	540
	Requested Funding Source	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800
	Total	-	1,300	5,670	3,730	100	-	-	-	-	-	-	10,800

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC CONTROLLER SYSTEM CONVERSION**  
 PROFILE: **15-66-2511**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Control**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2020
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Service Category:	Roads
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	14,366
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	14,366
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**PROFILE DESCRIPTION**

This single profile is to equip 544 traffic controllers with new Ethernet based and wireless technologies in order to communicate remotely with the CENTRACS central traffic signal management system. The implementation of CENTRACS was completed in 2011. The CENTRACS system incorporates the newest signal controller technology, allowing wireless communication and remote management of traffic signals to effectively and immediately respond to unexpected traffic issues. There are currently 544 traffic signals in the City that are not compatible with the CENTRACS system, and must be replaced in order to maximize the value from the CENTRACS investment.

**PROFILE BACKGROUND**

This single profile is to equip 544 traffic controllers with new Ethernet based and wireless technologies in order to communicate remotely with the current CENTRACS central traffic signal management system.

**PROFILE JUSTIFICATION**

Traffic controllers have a service life of 10 to 15 years and must be replaced to ensure functionality and effectiveness. 76% of the signal controllers have or will soon exceed its life cycle. Since the life cycle of technology continues to diminish, the conversion program must be done within a short period of time in order to maximize the value of its investment. This program aims to equip approximately 100 controllers annually, to complete the conversion in 5.5 years. Total cost is estimated at \$14.4M.

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality

**ALTERNATIVES CONSIDERED**

Alternative is to provide no funding and allow the controllers to fail, which will negatively impact traffic movement. Or partial funding, which will delay the conversion process and result in lesser benefits than intended.

**COST BENEFITS**

Tangible benefits include cost savings from decommissioning the CRC, and improved efficiency of remote traffic management.

Intangible benefits include shorter lead times for resolving traffic emergencies and incidents, operational efficiencies through minimizing manual processes, compatibility with other systems.

**KEY RISKS & MITIGATING STRATEGY**

Risk of traffic controller failure is imminent and evident, and inhibits the ability to achieve goals outlined in The Way We Move. Technological advances should be maintained in order to maximize beneficial value from investments.

**RESOURCES**

Dedicated resources (Signals Technician II) will be required to implement this project, if approved. As well, EPCOR Technologies will be contracted to carryout some functions of this project.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this profile be approved in order to take advantages of operational efficiencies and cost savings available with new technologies in signal controllers.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Controller System Conversion****FUNDED**PROFILE NUMBER: **15-66-2511**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366
	Current Approved Budget	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	2,386	2,362	2,376	2,398	2,353	1,054	-	-	-	-	12,930
	Pay-As-You-Go	-	265	262	264	266	261	117	-	-	-	-	1,437
	Current Approved Funding Sources	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	2,386	2,362	2,376	2,398	2,353	1,054	-	-	-	-	12,930
	Pay-As-You-Go	-	265	262	264	266	261	117	-	-	-	-	1,437
	Requested Funding Source	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,599	2,572	2,587	2,612	2,562	1,147	-	-	-	-	14,080
	Design	-	53	52	53	53	52	24	-	-	-	-	287
	Total	-	2,651	2,625	2,640	2,665	2,614	1,171	-	-	-	-	14,366

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Personnel, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	438	438	-	-	-100	-100	-	-	-100	-100	-	-	-100	-100	-
Total Operating Impact	-	438	438	-	-	-100	-100	-	-	-100	-100	-	-	-100	-100	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - MONTROSE**  
 PROFILE: **15-66-4010**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	26,529
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	26,529
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Montrose Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Montrose****FUNDED**PROFILE NUMBER: **15-66-4010**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529
	Current Approved Budget	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529
	Approved Funding Sources												
	Local Improvements Prop. Share	-	49	74	1,657	873	-	-	-	-	-	-	2,653
	Pay-As-You-Go - NBHR	-	436	665	14,924	7,851	-	-	-	-	-	-	23,875
	Current Approved Funding Sources	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529
	Requested Funding Source												
	Local Improvements Prop. Share	-	49	74	1,657	873	-	-	-	-	-	-	2,653
	Pay-As-You-Go - NBHR	-	436	665	14,924	7,851	-	-	-	-	-	-	23,875
	Requested Funding Source	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	16,416	8,637	-	-	-	-	-	-	25,053
	Design	-	484	739	-	-	-	-	-	-	-	-	1,223
	Land	-	-	-	165	87	-	-	-	-	-	-	252
	Total	-	484	739	16,581	8,724	-	-	-	-	-	-	26,529

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - KILKENNEY**  
 PROFILE: **15-66-4011**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2019
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	29,479
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	29,479
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Kilkenny Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Kilkenney****FUNDED**PROFILE NUMBER: **15-66-4011**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479
	Current Approved Budget	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479
	Approved Funding Sources												
	Local Improvements Prop. Share	-	53	82	938	958	919	-	-	-	-	-	2,949
	Pay-As-You-Go - NBHR	-	477	731	8,437	8,615	8,271	-	-	-	-	-	26,530
	Current Approved Funding Sources	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479
	Requested Funding Source												
	Local Improvements Prop. Share	-	53	82	938	958	919	-	-	-	-	-	2,949
	Pay-As-You-Go - NBHR	-	477	731	8,437	8,615	8,271	-	-	-	-	-	26,530
	Requested Funding Source	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	9,280	9,476	9,098	-	-	-	-	-	27,854
	Design	-	530	812	-	-	-	-	-	-	-	-	1,342
	Land	-	-	-	95	96	91	-	-	-	-	-	282
	Total	-	530	812	9,375	9,572	9,189	-	-	-	-	-	29,479

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - CENTRAL MCDOUGALL**  
 PROFILE: **15-66-4012**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2020
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Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>14,917</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>14,917</b>

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Central McDougall Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Central McDougall****FUNDED**PROFILE NUMBER: **15-66-4012**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917
	Current Approved Budget	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	27	41	478	945	-	-	-	-	1,492
	Pay-As-You-Go - NBHR	-	-	-	244	372	4,301	8,508	-	-	-	-	13,425
	Current Approved Funding Sources	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	27	41	478	945	-	-	-	-	1,492
	Pay-As-You-Go - NBHR	-	-	-	244	372	4,301	8,508	-	-	-	-	13,425
	Requested Funding Source	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	4,731	9,359	-	-	-	-	14,090
	Design	-	-	-	271	413	-	-	-	-	-	-	684
	Land	-	-	-	-	-	48	94	-	-	-	-	142
	Total	-	-	-	271	413	4,780	9,453	-	-	-	-	14,917

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - STRATHEARN**  
 PROFILE: **15-66-4013**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>
5

<b>RENEWAL</b>
95

PREVIOUSLY APPROVED:	20,274
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	20,274
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Strathearn Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Strathearn****FUNDED**PROFILE NUMBER: **15-66-4013**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274
	Current Approved Budget	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274
	Approved Funding Sources												
	Local Improvements Prop. Share	-	36	56	475	1,459	-	-	-	-	-	-	2,027
	Pay-As-You-Go - NBHR	-	331	506	4,285	13,126	-	-	-	-	-	-	18,247
	Current Approved Funding Sources	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274
	Requested Funding Source												
	Local Improvements Prop. Share	-	36	56	475	1,459	-	-	-	-	-	-	2,027
	Pay-As-You-Go - NBHR	-	331	506	4,285	13,126	-	-	-	-	-	-	18,247
	Requested Funding Source	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	4,714	14,439	-	-	-	-	-	-	19,153
	Design	-	367	562	-	-	-	-	-	-	-	-	929
	Land	-	-	-	46	146	-	-	-	-	-	-	192
	Total	-	367	562	4,760	14,585	-	-	-	-	-	-	20,274

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - NEWTON (S/123 AVE)**  
 PROFILE: **15-66-4050**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2019
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	20,755
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	20,755
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Newton (S/123 Avenue) Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Newton (S/123 Ave)****FUNDED**PROFILE NUMBER: **15-66-4050**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755
	Current Approved Budget	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	37	57	664	1,316	-	-	-	-	-	2,075
	Pay-As-You-Go - NBHR	-	-	338	516	5,981	11,845	-	-	-	-	-	18,681
	Current Approved Funding Sources	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	37	57	664	1,316	-	-	-	-	-	2,075
	Pay-As-You-Go - NBHR	-	-	338	516	5,981	11,845	-	-	-	-	-	18,681
	Requested Funding Source	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	6,579	13,029	-	-	-	-	-	19,608
	Design	-	-	375	574	-	-	-	-	-	-	-	949
	Land	-	-	-	-	66	132	-	-	-	-	-	198
	Total	-	-	375	574	6,645	13,161	-	-	-	-	-	20,755

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - MCKERNAN**  
 PROFILE: **16-66-4014**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	20,950
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	20,950
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

McKernan Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - McKernan****FUNDED**PROFILE NUMBER: **16-66-4014**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950
	Current Approved Budget	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950
	Approved Funding Sources												
	Local Improvements Prop. Share	-	38	58	989	1,010	-	-	-	-	-	-	2,095
	Pay-As-You-Go - NBHR	-	342	524	8,900	9,089	-	-	-	-	-	-	18,855
	Current Approved Funding Sources	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950
	Requested Funding Source												
	Local Improvements Prop. Share	-	38	58	989	1,010	-	-	-	-	-	-	2,095
	Pay-As-You-Go - NBHR	-	342	524	8,900	9,089	-	-	-	-	-	-	18,855
	Requested Funding Source	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	9,791	9,998	-	-	-	-	-	-	19,789
	Design	-	380	582	-	-	-	-	-	-	-	-	963
	Land	-	-	-	98	100	-	-	-	-	-	-	199
	Total	-	380	582	9,889	10,099	-	-	-	-	-	-	20,950

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - BELLEVUE**PROFILE **16-66-4015**DEPARTMENT: **Transportation Services**BRANCH: **Transportation Operations**PROGRAM NAME: **Neighbourhood Reconstruction**LEAD BRANCH: **Roads Design & Construction**BUDGET CYCLE: **2015-2018 run for 2015****FUNDED**PROFILE STAGE: **Post Budget Approval**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Gord Cebryk**LEAD BRANCH MANAGER: **Barry Belcourt**ESTIMATED START: **January, 2016**ESTIMATED COMPLETION: **December, 2019**Service Category: **Neighbourhood Renewal**

Major Initiative:

**GROWTH****RENEWAL****5****95**

PREVIOUSLY APPROVED:

**11,337**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**11,337****PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Bellevue Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Bellevue****FUNDED**PROFILE NUMBER: **16-66-4015**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337
	Current Approved Budget	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	20	31	535	546	-	-	-	-	-	1,133
	Pay-As-You-Go - NBHR	-	-	186	282	4,820	4,916	-	-	-	-	-	10,204
	Current Approved Funding Sources	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	20	31	535	546	-	-	-	-	-	1,133
	Pay-As-You-Go - NBHR	-	-	186	282	4,820	4,916	-	-	-	-	-	10,204
	Requested Funding Source	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	5,300	5,407	-	-	-	-	-	10,707
	Design	-	-	206	313	-	-	-	-	-	-	-	519
	Land	-	-	-	-	55	55	-	-	-	-	-	110
	Total	-	-	206	313	5,356	5,462	-	-	-	-	-	11,337

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - EASTWOOD**  
 PROFILE: **16-66-4016**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2018
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ESTIMATED COMPLETION:	December, 2021
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	27,304
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	27,304
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Eastwood Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Eastwood****FUNDED**PROFILE NUMBER: **16-66-4016**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304
	Current Approved Budget	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	-	50	75	1,289	1,314	-	-	-	2,729
	Pay-As-You-Go - NBHR	-	-	-	-	447	683	11,610	11,835	-	-	-	24,575
	Current Approved Funding Sources	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	-	50	75	1,289	1,314	-	-	-	2,729
	Pay-As-You-Go - NBHR	-	-	-	-	447	683	11,610	11,835	-	-	-	24,575
	Requested Funding Source	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	12,771	13,019	-	-	-	25,789
	Design	-	-	-	-	496	759	-	-	-	-	-	1,255
	Land	-	-	-	-	-	-	128	131	-	-	-	259
	Total	-	-	-	-	496	759	12,899	13,149	-	-	-	27,304

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - ROYAL GARDENS**  
 PROFILE: **16-66-4017**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2020
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	19,363
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	19,363
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Royal Gardens Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Royal Gardens****FUNDED**PROFILE NUMBER: **16-66-4017**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363
	Current Approved Budget	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	35	54	621	1,228	-	-	-	-	1,938
	Pay-As-You-Go - NBHR	-	-	-	315	481	5,584	11,045	-	-	-	-	17,426
	Current Approved Funding Sources	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	35	54	621	1,228	-	-	-	-	1,938
	Pay-As-You-Go - NBHR	-	-	-	315	481	5,584	11,045	-	-	-	-	17,426
	Requested Funding Source	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	6,142	12,150	-	-	-	-	18,292
	Design	-	-	-	350	535	-	-	-	-	-	-	885
	Land	-	-	-	-	-	63	123	-	-	-	-	186
	Total	-	-	-	350	535	6,205	12,273	-	-	-	-	19,363

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - ALBERTA AVENUE**  
 PROFILE: **16-66-4018**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2022
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Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>49,104</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>49,104</b>

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Alberta Avenue Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Alberta Avenue****FUNDED**PROFILE NUMBER: **16-66-4018**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104
	Current Approved Budget	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	66	102	1,152	1,174	1,196	1,220	-	-	4,909
	Pay-As-You-Go - NBHR	-	-	-	597	915	10,367	10,566	10,770	10,981	-	-	44,195
	Current Approved Funding Sources	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	66	102	1,152	1,174	1,196	1,220	-	-	4,909
	Pay-As-You-Go - NBHR	-	-	-	597	915	10,367	10,566	10,770	10,981	-	-	44,195
	Requested Funding Source	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	11,404	11,621	11,847	12,080	-	-	46,952
	Design	-	-	-	663	1,016	-	-	-	-	-	-	1,680
	Land	-	-	-	-	-	115	118	119	120	-	-	473
	Total	-	-	-	663	1,016	11,518	11,740	11,966	12,201	-	-	49,104

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - VIRGINIA PARK**  
 PROFILE: **16-66-4020**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2019
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	7,402
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	7,402
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Virginia Park Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Virginia Park****FUNDED**PROFILE NUMBER: **16-66-4020**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402
	Current Approved Budget	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	14	21	350	357	-	-	-	-	-	741
	Pay-As-You-Go - NBHR	-	-	121	185	3,147	3,209	-	-	-	-	-	6,661
	Current Approved Funding Sources	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	14	21	350	357	-	-	-	-	-	741
	Pay-As-You-Go - NBHR	-	-	121	185	3,147	3,209	-	-	-	-	-	6,661
	Requested Funding Source	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	3,461	3,531	-	-	-	-	-	6,993
	Design	-	-	134	205	-	-	-	-	-	-	-	340
	Land	-	-	-	-	35	35	-	-	-	-	-	70
	Total	-	-	134	205	3,496	3,566	-	-	-	-	-	7,402

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - 122 AVENUE (FORT RD - 107 ST)**  
 PROFILE: **16-66-4049**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	12,420
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	12,420
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**PROFILE DESCRIPTION**

Complete reconstruction of collector roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, land acquisition, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

122 Avenue (Fort Rd - 107 St) reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Based on current PQI (Pavement Quality Index) rating moderate/severe deterioration exists that is a high risk to safety and the level of service provided by the roadway is very poor. The road condition is at a level beyond reactive renewal solutions due to various factors including higher traffic volumes and climate. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - 122 Avenue (Fort Rd - 107 St)****FUNDED**PROFILE NUMBER: **16-66-4049**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420
	Current Approved Budget	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420
	Approved Funding Sources												
	Local Improvements Prop. Share	-	23	35	586	598	-	-	-	-	-	-	1,241
	Pay-As-You-Go - NBHR	-	203	311	5,277	5,389	-	-	-	-	-	-	11,179
	Current Approved Funding Sources	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420
	Requested Funding Source												
	Local Improvements Prop. Share	-	23	35	586	598	-	-	-	-	-	-	1,241
	Pay-As-You-Go - NBHR	-	203	311	5,277	5,389	-	-	-	-	-	-	11,179
	Requested Funding Source	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	5,804	5,927	-	-	-	-	-	-	11,731
	Design	-	226	346	-	-	-	-	-	-	-	-	571
	Land	-	-	-	58	60	-	-	-	-	-	-	118
	Total	-	226	346	5,862	5,987	-	-	-	-	-	-	12,420

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP RECON - 122 STREET (51 AVE - 63 AVE)**  
 PROFILE: **17-66-2014**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	January, 2020
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Service Category:	Roads
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	9,501
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	9,501
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**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, streetlighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

122 Street (51 Ave - 63 Ave) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Current PQI (Pavement Quality Index) rating is fair but it is expected to deteriorate quickly as the road base (concrete) has failed and previous bandaid paving was implemented to maintain traffic until there was funding for reconstruction. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption).

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 122 Street (51 Ave - 63 Ave)****FUNDED**PROFILE NUMBER: **17-66-2014**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501
	Current Approved Budget	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	164	247	4,847	3,290	-	-	-	-	8,548
	Pay-As-You-Go	-	-	-	19	29	540	366	-	-	-	-	953
	Current Approved Funding Sources	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	164	247	4,847	3,290	-	-	-	-	8,548
	Pay-As-You-Go	-	-	-	19	29	540	366	-	-	-	-	953
	Requested Funding Source	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	5,332	3,620	-	-	-	-	8,952
	Design	-	-	-	182	276	-	-	-	-	-	-	458
	Land	-	-	-	-	-	54	36	-	-	-	-	90
	Total	-	-	-	182	276	5,386	3,656	-	-	-	-	9,501

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - STRATHCONA**PROFILE **17-66-4022**DEPARTMENT: **Transportation Services**BRANCH: **Transportation Operations**PROGRAM NAME: **Neighbourhood Reconstruction**LEAD BRANCH: **Roads Design & Construction**BUDGET CYCLE: **2015-2018 run for 2015****FUNDED**PROFILE STAGE: **Post Budget Approval**PROFILE TYPE: **Standalone**PROFILE MANAGER: **Gord Cebryk**LEAD BRANCH MANAGER: **Barry Belcourt**ESTIMATED START: **January, 2017**ESTIMATED COMPLETION: **December, 2021**Service Category: **Neighbourhood Renewal**

Major Initiative:

**GROWTH****RENEWAL****5****95**

PREVIOUSLY APPROVED:

**42,864**

BUDGET REQUEST:

**-**

TOTAL PROFILE BUDGET:

**42,864****PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Strathcona Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and street lights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Strathcona****FUNDED**PROFILE NUMBER: **17-66-4022**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864
	Current Approved Budget	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	77	118	1,365	1,392	1,334	-	-	-	4,286
	Pay-As-You-Go - NBHR	-	-	-	693	1,062	12,287	12,522	12,014	-	-	-	38,578
	Current Approved Funding Sources	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	77	118	1,365	1,392	1,334	-	-	-	4,286
	Pay-As-You-Go - NBHR	-	-	-	693	1,062	12,287	12,522	12,014	-	-	-	38,578
	Requested Funding Source	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	13,517	13,775	13,215	-	-	-	40,506
	Design	-	-	-	769	1,181	-	-	-	-	-	-	1,950
	Land	-	-	-	-	-	136	139	133	-	-	-	408
	Total	-	-	-	769	1,181	13,653	13,913	13,348	-	-	-	42,864

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - PARKVIEW (E/142 STREET)**  
 PROFILE: **17-66-4023**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2018
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ESTIMATED COMPLETION:	December, 2021
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	17,976
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	17,976
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Parkview (E/142 Street) Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Parkview (E/142 Street)****FUNDED**PROFILE NUMBER: **17-66-4023**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976
	Current Approved Budget	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	-	33	50	1,021	693	-	-	-	1,797
	Pay-As-You-Go - NBHR	-	-	-	-	295	450	9,188	6,246	-	-	-	16,179
	Current Approved Funding Sources	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	-	33	50	1,021	693	-	-	-	1,797
	Pay-As-You-Go - NBHR	-	-	-	-	295	450	9,188	6,246	-	-	-	16,179
	Requested Funding Source	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	10,108	6,869	-	-	-	16,977
	Design	-	-	-	-	328	500	-	-	-	-	-	828
	Land	-	-	-	-	-	-	101	70	-	-	-	171
	Total	-	-	-	-	328	500	10,209	6,939	-	-	-	17,976

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	ARP RECON - 111 AVENUE (101-104 STREET/106-109 STREET)	<b>FUNDED</b>
PROFILE	18-66-2015	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Operations	PROFILE MANAGER: Gord Cebryk
PROGRAM NAME:	Arterial Reconstruction	LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: January, 2018
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2020

Service Category: Roads		Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	6,678
5	95	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	6,678

**PROFILE DESCRIPTION**

Complete reconstruction of arterial roadway (base, surface, curb/gutter, sidewalk). Also includes pavement markings, street lighting and traffic signal rehab, geometric improvements, active mode connections, land acquisition as required.

**PROFILE BACKGROUND**

111 Avenue (101-104 St)/(106-109 St) reconstruction is part of the Arterial Renewal Program (ARP); a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and street lights.

**PROFILE JUSTIFICATION**

Current PQI (Pavement Quality Index) rating is fair but it is expected to deteriorate quickly as the road base (concrete) has failed and previous bandaid paving was implemented to maintain traffic until their was funding for reconstruction. Deterioration will be expedited if reconstruction is not pursued in a timely manner to maintain traffic safety.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction required to achieve committed service levels of efficient movement of goods and people, traffic safety, and good public satisfaction (no potholes or disruption)

Tangible benefits: renewing aging infrastructure, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, and enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Recon - 111 Avenue (101-104 Street/106-109 Street)****FUNDED**PROFILE NUMBER: **18-66-2015**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	128	187	6,363	-	-	-	-	6,678
	Current Approved Budget	-	-	-	-	128	187	6,363	-	-	-	-	6,678
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	-	115	169	5,726	-	-	-	-	6,010
	Pay-As-You-Go	-	-	-	-	13	18	637	-	-	-	-	669
	Current Approved Funding Sources	-	-	-	-	128	187	6,363	-	-	-	-	6,678

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	128	187	6,363	-	-	-	-	6,678
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	-	115	169	5,726	-	-	-	-	6,010
	Pay-As-You-Go	-	-	-	-	13	18	637	-	-	-	-	669
	Requested Funding Source	-	-	-	-	128	187	6,363	-	-	-	-	6,678

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	-	-	6,299	-	-	-	-	6,299
	Design	-	-	-	-	128	187	-	-	-	-	-	315
	Land	-	-	-	-	-	-	64	-	-	-	-	64
	Total	-	-	-	-	128	187	6,363	-	-	-	-	6,678

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	BRIDGE REHAB - SCONA ROAD BRIDGE OVER CONNORS ROAD	<b>FUNDED</b>
PROFILE	18-66-2410	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Operations	PROFILE MANAGER: Gord Cebryk
PROGRAM NAME:	Bridge Reconstruction	LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: January, 2018
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2018

Service Category:	Roads	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	552
	100	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	552

**PROFILE DESCRIPTION**

Based on a consultant's evaluation of this bridge in 2011, the structure does not have the capacity to carry the Alberta's Legal Design Trucks nor the present day design live loads. The project will be for the replacement of the existing structure with design scheduled for 2018.

Additional budget will be requested in the 2019 - 2022 budget cycle, \$4.188 million.

**PROFILE BACKGROUND**

Reconstruction of the Scona Road Bridge over Connors Road due to deteriorating conditions and restrictive load carrying capacity.

**PROFILE JUSTIFICATION**

The Scona Road Bridge over Connors Road was built in 1957 and last rehabilitated in 1997. Since then on going deterioration, and the need to strengthen the bridge to accommodate the current design loads, necessitated the reconstruction of this structure.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving access and mobility for all modes of commuting. It also aligns with the Way We Prosper by allowing direct access to truck traffic and maintaining Scona Road as a truck route.

**ALTERNATIVES CONSIDERED**

The alternative to replacing the structure would be to maintain the existing structure as-is, which is currently the strategy that has been adopted. Due to continuous deterioration over time, the structure should be replaced in the next five years.

**COST BENEFITS**

Tangible benefits include a structure that is safe, and will support truck traffic carrying present day loads. Intangible benefits include a new and safe structure in the City's inventory, less congestion and fewer complaints from the citizens and the trucking industry.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external contractor to complete construction. The contractor will be selected through a tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this project be approved to reconstruct the existing structure.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **BRIDGE Rehab - Scona Road Bridge over Connors Road****FUNDED**PROFILE NUMBER: **18-66-2410**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	552	-	-	-	-	-	-	552
	Current Approved Budget	-	-	-	-	552	-	-	-	-	-	-	552
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	-	-	524	-	-	-	-	-	-	524
	Pay-As-You-Go	-	-	-	-	28	-	-	-	-	-	-	28
	Current Approved Funding Sources	-	-	-	-	552	-	-	-	-	-	-	552

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	552	-	-	-	-	-	-	552
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	-	-	524	-	-	-	-	-	-	524
	Pay-As-You-Go	-	-	-	-	28	-	-	-	-	-	-	28
	Requested Funding Source	-	-	-	-	552	-	-	-	-	-	-	552

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Design	-	-	-	-	552	-	-	-	-	-	-	552
	Total	-	-	-	-	552	-	-	-	-	-	-	552

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - SPRUCE AVENUE**  
 PROFILE: **18-66-4024**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2019
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	17,627
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	17,627
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Spruce Avenue Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live .

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Spruce Avenue****FUNDED**PROFILE NUMBER: **18-66-4024**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627
	Current Approved Budget	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	32	49	564	1,118	-	-	-	-	-	1,762
	Pay-As-You-Go - NBHR	-	-	287	439	5,079	10,061	-	-	-	-	-	15,865
	Current Approved Funding Sources	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	32	49	564	1,118	-	-	-	-	-	1,762
	Pay-As-You-Go - NBHR	-	-	287	439	5,079	10,061	-	-	-	-	-	15,865
	Requested Funding Source	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	5,587	11,067	-	-	-	-	-	16,654
	Design	-	-	319	487	-	-	-	-	-	-	-	806
	Land	-	-	-	-	55	111	-	-	-	-	-	167
	Total	-	-	319	487	5,642	11,178	-	-	-	-	-	17,627

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - LORELEI**  
 PROFILE: **18-66-4025**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2018
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ESTIMATED COMPLETION:	December, 2021
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Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>24,970</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>24,970</b>

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Lorelei Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and street lights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Lorelei****FUNDED**PROFILE NUMBER: **18-66-4025**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970
	Current Approved Budget	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	-	45	70	1,563	820	-	-	-	2,497
	Pay-As-You-Go - NBHR	-	-	-	-	410	627	14,055	7,381	-	-	-	22,473
	Current Approved Funding Sources	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	-	45	70	1,563	820	-	-	-	2,497
	Pay-As-You-Go - NBHR	-	-	-	-	410	627	14,055	7,381	-	-	-	22,473
	Requested Funding Source	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	15,461	8,119	-	-	-	23,580
	Design	-	-	-	-	456	697	-	-	-	-	-	1,152
	Land	-	-	-	-	-	-	156	82	-	-	-	238
	Total	-	-	-	-	456	697	15,617	8,201	-	-	-	24,970

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - GLENWOOD (W/163 STREET)**  
 PROFILE: **18-66-4026**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	December, 2020
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH	RENEWAL
5	95

PREVIOUSLY APPROVED:	12,619
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	12,619

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Glenwood (W/163 Street) Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Glenwood (W/163 Street)****FUNDED**PROFILE NUMBER: **18-66-4026**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619
	Current Approved Budget	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	23	35	959	244	-	-	-	-	1,261
	Pay-As-You-Go - NBHR	-	-	-	207	319	8,632	2,199	-	-	-	-	11,358
	Current Approved Funding Sources	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	23	35	959	244	-	-	-	-	1,261
	Pay-As-You-Go - NBHR	-	-	-	207	319	8,632	2,199	-	-	-	-	11,358
	Requested Funding Source	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	9,494	2,419	-	-	-	-	11,914
	Design	-	-	-	230	354	-	-	-	-	-	-	584
	Land	-	-	-	-	-	97	24	-	-	-	-	121
	Total	-	-	-	230	354	9,591	2,444	-	-	-	-	12,619

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - HIGHLANDS**  
 PROFILE: **18-66-4027**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2018
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ESTIMATED COMPLETION:	December, 2022
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	33,669
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	33,669
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Highlands Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and street lights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Highlands****FUNDED**PROFILE NUMBER: **18-66-4027**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669
	Current Approved Budget	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	-	61	93	1,265	1,290	658	-	-	3,368
	Pay-As-You-Go - NBHR	-	-	-	-	546	839	11,388	11,608	5,920	-	-	30,301
	Current Approved Funding Sources	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	-	61	93	1,265	1,290	658	-	-	3,368
	Pay-As-You-Go - NBHR	-	-	-	-	546	839	11,388	11,608	5,920	-	-	30,301
	Requested Funding Source	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	-	12,527	12,769	6,511	-	-	31,807
	Design	-	-	-	-	607	932	-	-	-	-	-	1,539
	Land	-	-	-	-	-	-	127	129	67	-	-	323
	Total	-	-	-	-	607	932	12,654	12,898	6,578	-	-	33,669

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - PRINCE CHARLES**  
 PROFILE: **18-66-4029**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2016
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ESTIMATED COMPLETION:	December, 2019
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>
5

<b>RENEWAL</b>
95

PREVIOUSLY APPROVED:	17,553
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	17,553
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Prince Charles Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Prince Charles****FUNDED**PROFILE NUMBER: **18-66-4029**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553
	Current Approved Budget	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	32	49	1,334	340	-	-	-	-	-	1,754
	Pay-As-You-Go - NBHR	-	-	287	441	12,007	3,063	-	-	-	-	-	15,799
	Current Approved Funding Sources	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	32	49	1,334	340	-	-	-	-	-	1,754
	Pay-As-You-Go - NBHR	-	-	287	441	12,007	3,063	-	-	-	-	-	15,799
	Requested Funding Source	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	13,208	3,369	-	-	-	-	-	16,577
	Design	-	-	319	489	-	-	-	-	-	-	-	809
	Land	-	-	-	-	134	34	-	-	-	-	-	167
	Total	-	-	319	489	13,341	3,403	-	-	-	-	-	17,553

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - ALLENDALE**  
 PROFILE: **21-66-4036**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2019
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Service Category: Neighbourhood Renewal		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>23,475</b>
5	95	<b>BUDGET REQUEST:</b>	-
		<b>TOTAL PROFILE BUDGET:</b>	<b>23,475</b>

**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Allendale Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Reconstruction projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Allendale****FUNDED**PROFILE NUMBER: **21-66-4036**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475
	Current Approved Budget	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	42	65	1,467	772	-	-	-	-	-	2,347
	Pay-As-You-Go - NBHR	-	-	385	588	13,211	6,945	-	-	-	-	-	21,128
	Current Approved Funding Sources	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	42	65	1,467	772	-	-	-	-	-	2,347
	Pay-As-You-Go - NBHR	-	-	385	588	13,211	6,945	-	-	-	-	-	21,128
	Requested Funding Source	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	-	-	14,532	7,639	-	-	-	-	-	22,171
	Design	-	-	427	653	-	-	-	-	-	-	-	1,080
	Land	-	-	-	-	147	78	-	-	-	-	-	224
	Total	-	-	427	653	14,679	7,717	-	-	-	-	-	23,475

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP RECON - INGLEWOOD**  
 PROFILE: **21-66-4037**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Reconstruction**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2017
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ESTIMATED COMPLETION:	December, 2021
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	39,347
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	39,347
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**PROFILE DESCRIPTION**

Neighbourhood Renewal that includes replacement of roadway base, paving, curbs, gutters, sidewalks, and street lights and coordinates related work for mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

Inglewood Neighbourhood Reconstruction is part of the Neighbourhood Renewal Program (NRP) that outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure work occurs at an optimum interval.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Do Nothing: significant operating dollars will be expended to provide temporary repairs of potholes to maintain traffic safety and the road will provide a poor level of service.

Band Aid Renewal: provides a lower overall level of service at higher cost over the full life cycle of the road compared to timely reconstruction.

**COST BENEFITS**

Reconstruction is required to achieve committed service levels.

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents, and reducing environmental impacts.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design and construction. Long term contracts for NBHD Recon projects will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Reconstruction required to achieve committed service levels (to effectively manage aging local/collector roads, improve accessibility/efficient movement for people, increase service level and customer satisfaction (attractive place to live)).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP Recon - Inglewood****FUNDED**PROFILE NUMBER: **21-66-4037**PROFILE TYPE: **Standalone**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347
	Current Approved Budget	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347
	Approved Funding Sources												
	Local Improvements Prop. Share	-	-	-	71	109	1,465	1,493	760	-	-	-	3,898
	Pay-As-You-Go - NBHR	-	-	-	639	979	13,327	13,582	6,923	-	-	-	35,449
	Current Approved Funding Sources	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347
	Requested Funding Source												
	Local Improvements Prop. Share	-	-	-	71	109	1,465	1,493	760	-	-	-	3,898
	Pay-As-You-Go - NBHR	-	-	-	639	979	13,327	13,582	6,923	-	-	-	35,449
	Requested Funding Source	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	-	-	-	14,644	14,924	7,606	-	-	-	37,174
	Design	-	-	-	710	1,088	-	-	-	-	-	-	1,798
	Land	-	-	-	-	-	147	150	77	-	-	-	375
	Total	-	-	-	710	1,088	14,792	15,074	7,683	-	-	-	39,347

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARP ARTERIAL RENEWAL - COMPOSITE**  
 PROFILE: **CM-66-2000**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Arterial Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH
5

RENEWAL
95

PREVIOUSLY APPROVED:	155,008
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	155,008
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**PROFILE DESCRIPTION**

Addresses deteriorating arterial road conditions and provides preventative renewal measures to ensure and maintain safety of road users. Includes renewal of roadway base, curbs, gutters, and sidewalks, as well as upgrading of rural arterial truck routes.

This profile represents the bulk of the expenditure for the Arterial Renewal Program, with the rest in various stand-alone arterial road reconstruction profiles funded in the 2015-2018 Capital Budget.

**PROFILE BACKGROUND**

The Arterial Renewal Program (ARP) outlines a cost-effective, long-term strategic approach to address Edmonton's major road infrastructure needs via the renewal and rebuilding of roads, sidewalks, and streetlights.

**PROFILE JUSTIFICATION**

To meet the recommended target of less than 10% of arterial inventory in need of rehabilitation, maintain the average PQI above 6.0, and to ensure safety of road users, arterial networks must be maintained and proactively renewed before their condition requires major reconstruction.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Transportation and Land Use Integration, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Using life cycle cost/benefit analysis demonstrates that a reconstruction-only program that would take many more years to complete at a significantly higher cost than a holistic approach (reconstruction, rehab, and preventative maintenance).

**COST BENEFITS**

Tangible benefits: renewing aging infrastructure via cost-effective renewal investments, efficient movement of goods and people, increased service level and customer satisfaction.

Intangible benefits: reduced environmental impacts, enhanced traffic safety.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors (via tender process) will be used to complete design/construction. Projects are coordinated with initiatives of TS Planning, Transit, Drainage, Sustainable Development, Great NBHDs to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Require \$55 million annually to achieve committed service levels to effectively manage aging arterial roads, ensure efficient movement of goods and people, increase service level and customer satisfaction (lower incidence of potholes).

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **ARP Arterial Renewal - Composite****FUNDED**PROFILE NUMBER: **CM-66-2000**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	28,952	48,157	45,747	39,583	-	-	-	-	-	-	162,439
	2015 Cap Administrative	-	290	-	-	-	-	-	-	-	-	-	290
	2015 Cap Council	-	-7,721	-	-	-	-	-	-	-	-	-	-7,721
	Current Approved Budget	-	21,521	48,157	45,747	39,583	-	-	-	-	-	-	155,008
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	13,018	43,341	41,173	35,625	-	-	-	-	-	-	133,158
	Pay-As-You-Go	-	8,503	4,816	4,574	3,958	-	-	-	-	-	-	21,851
	Current Approved Funding Sources	-	21,521	48,157	45,747	39,583	-	-	-	-	-	-	155,008

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	21,521	48,157	45,747	39,583	-	-	-	-	-	-	155,008
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	13,018	43,341	41,173	35,625	-	-	-	-	-	-	133,158
	Pay-As-You-Go	-	8,503	4,816	4,574	3,958	-	-	-	-	-	-	21,851
	Requested Funding Source	-	21,521	48,157	45,747	39,583	-	-	-	-	-	-	155,008

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	19,785	45,267	43,003	37,208	-	-	-	-	-	-	145,263
	Design	-	1,447	2,408	2,287	1,979	-	-	-	-	-	-	8,122
	Land	-	289	481	458	396	-	-	-	-	-	-	1,624
	Total	-	21,521	48,157	45,747	39,583	-	-	-	-	-	-	155,008

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **BRIDGE REHABILITATION**  
 PROFILE: **CM-66-2400**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Bridge Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	30,138
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	30,138
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**PROFILE DESCRIPTION**

A composite program to provide funding in coordination with the bridge rehabilitation composite program. This program provides for the rehabilitation of bridges that approach the end of their service life, that are structurally deficient, and/or functionally obsolete.

**PROFILE BACKGROUND**

The composite program provides funding for rehabilitation of various structures as required throughout the City to selectively improve safety, increase load carrying capacity and functionality

**PROFILE JUSTIFICATION**

Provide selective bridge rehabilitation to improve the structure's load carrying capacity, increase safety for all users and decrease congestion along rehabilitation corridors.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving safe access and mobility for commuters.

**ALTERNATIVES CONSIDERED**

Rehabilitation of structures is necessary to ensure safety and serviceability. The alternative to this work would be to maintain the existing structure as-is recognizing that deterioration will continue and a later intervention will be more costly.

**COST BENEFITS**

The tangible benefits to be realized from this investment include rehabilitating bridge structures before they deteriorate to a condition deemed unsafe for use. Bridge designs proactively consider emerging trends and effects of travelers to achieve benefits over its full asset life. Intangible benefits include more efficient movement of goods, services and people. It also ensures a well maintained inventory.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external Contractor to complete construction. The contractor will be selected through a tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this program be approved to rehabilitate selected bridges

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Bridge Rehabilitation****FUNDED**PROFILE NUMBER: **CM-66-2400**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	8,030	7,759	7,250	16,599	-	-	-	-	-	-	39,638
	2015 Cap Council	-	-	-5,670	-3,730	-100	-	-	-	-	-	-	-9,500
	Current Approved Budget	-	8,030	2,089	3,520	16,499	-	-	-	-	-	-	30,138
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	7,628	1,985	3,344	15,674	-	-	-	-	-	-	28,631
	Pay-As-You-Go	-	401	104	176	825	-	-	-	-	-	-	1,507
	Current Approved Funding Sources	-	8,030	2,089	3,520	16,499	-	-	-	-	-	-	30,138

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	8,030	2,089	3,520	16,499	-	-	-	-	-	-	30,138
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	7,628	1,985	3,344	15,674	-	-	-	-	-	-	28,631
	Pay-As-You-Go	-	401	104	176	825	-	-	-	-	-	-	1,507
	Requested Funding Source	-	8,030	2,089	3,520	16,499	-	-	-	-	-	-	30,138

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	5,701	770	2,577	13,345	-	-	-	-	-	-	22,394
	Design	-	2,329	1,319	942	3,154	-	-	-	-	-	-	7,744
	Total	-	8,030	2,089	3,520	16,499	-	-	-	-	-	-	30,138

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC INFRASTRUCTURE REHABILITATION**  
 PROFILE: **CM-66-2510**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Control**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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RENEWAL
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100
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PREVIOUSLY APPROVED:	14,213
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	14,213
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**PROFILE DESCRIPTION**

Replace and rehabilitate various types of traffic management infrastructure to ensure they are in proper working order to manage vehicle, pedestrian and bus traffic efficiently in and around the City.

**PROFILE BACKGROUND**

Replace and rehabilitate various types of traffic management infrastructure to ensure they are in proper working order to manage vehicle, pedestrian and bus traffic efficiently in and around the City.

**PROFILE JUSTIFICATION**

Replacement of infrastructure is required before the end of asset life cycles in order to mitigate risk of equipment failure. Numerous infrastructure are already over its life cycle, presenting imminent risk of equipment failure.

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality

**ALTERNATIVES CONSIDERED**

Alternatives include partial funding or no funding. Proactive rehabilitation minimizes the risk of infrastructure failures and public liability. Reactive remediation does not contribute to the City's goal of having well-maintained infrastructure.

**COST BENEFITS**

Tangible: replace aging infrastructure, reduced maintenance and repair costs over the life of the asset, lower liability claims, technology and equipment maintained and compatible with current standards and emerging technologies.

Intangible: improved ability to satisfy The Way We Move strategic goals. Additional qualitative savings in the form of risk mitigation, avoidance of liability claims, and citizen satisfaction.

**KEY RISKS & MITIGATING STRATEGY**

Various infrastructure are rated in poor to critical condition, and are over its useful service life. Replacement is required to minimize the risk of failure and public safety. Failed infrastructure impedes on the ability to meet strategic goals.

**RESOURCES**

Permanent resources are currently available within the City's existing complement of FTEs, budget, and schedule. Additional resources that may be required will be assessed in conjunction with the capital investment and project plans.

**CONCLUSIONS AND RECOMMENDATIONS**

Timely rehabilitation is necessary to support traffic and pedestrian safety and manage efficient traffic flow. This profile is recommended for funding.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Infrastructure Rehabilitation****FUNDED**PROFILE NUMBER: **CM-66-2510**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213
	Current Approved Budget	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	3,407	3,788	3,280	3,311	-	-	-	-	-	-	13,787
	Pay-As-You-Go	-	104	117	102	103	-	-	-	-	-	-	426
	Current Approved Funding Sources	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	3,407	3,788	3,280	3,311	-	-	-	-	-	-	13,787
	Pay-As-You-Go	-	104	117	102	103	-	-	-	-	-	-	426
	Requested Funding Source	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,458	3,854	3,331	3,362	-	-	-	-	-	-	14,005
	Design	-	54	51	51	52	-	-	-	-	-	-	208
	Total	-	3,512	3,905	3,382	3,414	-	-	-	-	-	-	14,213

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC SIGNALS - PEDESTRIAN/VEHICLE SAFETY**  
 PROFILE: **CM-66-2520**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Safety**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	14,908
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	14,908
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**PROFILE DESCRIPTION**

This profile provides funding for the installation of new traffic signals, pedestrian activated signals, cross walks, and signal enhancements such as left turn arrows and vehicle detection.

**PROFILE BACKGROUND**

Traffic and pedestrian signals are a critical component of the Transportation infrastructure to facilitate safe and efficient flow of vehicle and pedestrian traffic. Population growth and other demographic factors result in an increasing demand on the Transportation network, which require that the infrastructure be in optimal working condition to ensure the safe and efficient movement of goods and people. Traffic signals are installed based on warrant guidelines to facilitate efficient flow of vehicle traffic towards preventing and relieving congestion in specified areas. As traffic patterns change, traffic signals are required to safely manage traffic and provide safe crossing and mobility opportunities for pedestrians.

**PROFILE JUSTIFICATION**

Traffic and pedestrian signals are installed based on warrant guidelines to facilitate efficient flow of vehicle traffic while preventing congestion in specified areas. Traffic and pedestrian signals also provide safe crossing and mobility opportunities for pedestrians.

**STRATEGIC ALIGNMENT**

This profile is in support of the following corporate outcomes: Edmonton is a Safe City: Edmontonians use public modes and active modes of transportation

**ALTERNATIVES CONSIDERED**

Alternatives include partial funding or no funding. These alternatives will restrict the number of installations implemented towards improving vehicle and pedestrian safety.

**COST BENEFITS**

Tangible: reduced risk of collisions, new infrastructure at warranted locations such as in newly developed areas and locations of lengthy wait times.

Intangible benefits: efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced public safety, efficient traffic management processes, reduced volume and severity of collisions, fatalities, and infrastructure damages.

**KEY RISKS & MITIGATING STRATEGY**

Population growth and other demographic factors result in an increasing demand on the Transportation network. Sufficient funding should be provided to implement the appropriate infrastructure to meet the demand.

**RESOURCES**

Permanent resources to implement this program are currently available. Additional resources that may be required will be assessed in conjunction with the capital investment and project plans.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this program continues as a permanent addition to the City's capital investment portfolio and be sufficiently funded given the beneficial value that is generated to multiple key stakeholders.

**CHANGES TO APPROVED PROFILE**

#15-03: March 3, 2015 Council Minutes Item 6.18 Pedestrian Safety - Traffic Signal Funding Options (Motion Carried)  
Council directed Administration to provide capital profiles on Sept 22, 2015 relating to the Joint Road Traffic Safety Strategy - Education, Engineering, Enforcement, Evaluation and Engagement Report.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Signals - Pedestrian/Vehicle Safety****FUNDED**PROFILE NUMBER: **CM-66-2520**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908
	Current Approved Budget	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908
	Approved Funding Sources												
	Traffic Safety Automated Enfmt Resrv	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908
	Current Approved Funding Sources	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908
	Requested Funding Source												
	Traffic Safety Automated Enfmt Resrv	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908
	Requested Funding Source	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	2,852	3,944	3,944	3,944	-	-	-	-	-	-	14,684
	Design	-	56	55	56	56	-	-	-	-	-	-	223
	Total	-	2,908	4,000	4,000	4,000	-	-	-	-	-	-	14,908

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services, Utilities

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	51	51	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC SIGNALS - DEVELOPER AND ARA FUNDED**  
 PROFILE: **CM-66-2525**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Traffic Signals**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	11,387
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	11,387
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**PROFILE DESCRIPTION**

Traffic signals required due to new developments. Fully funded by private developers and/or Arterial Road Assessments. The need for new signals will fluctuate dependent on the volume of development. Budget is estimated based on historical trends and based on an average cost per location, this profile would be able to construct 10 signals per year.

**PROFILE BACKGROUND**

Traffic signals required due to new developments. Fully funded by private developers and/or Arterial Road Assessments. The need for new signals will fluctuate dependent on the volume of development. Budget is estimated based on historical trends.

**PROFILE JUSTIFICATION**

Traffic signals are installed based on warrant guidelines to facilitate efficient flow of vehicle traffic while preventing congestion in specified areas. Traffic signals also provide safe crossing and mobility opportunities for pedestrians.

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality

**ALTERNATIVES CONSIDERED**

This profile exists to capture cost of constructing City owned traffic signals assets. Funding is provided by external parties. Alternative is to remove this profile and consider all such externally funded construction as contributed assets.

**COST BENEFITS**

Tangible: new infrastructure at warranted locations such as in newly developed areas and locations of lengthy wait times.

Intangible benefits: efficient movement of goods and people, reduced environmental impacts from vehicle idling (gas emissions), enhanced public safety, efficient traffic management processes, reduced risk of collisions, reduced volume and severity of collisions, fatalities, and infrastructure damages, and others.

**KEY RISKS & MITIGATING STRATEGY**

Population growth and other demographic factors result in an increasing demand on the Transportation network. Sufficient funding should be provided to implement the appropriate infrastructure to meet the demand.

**RESOURCES**

Permanent resources to implement this program are currently available. Additional resources that may be required will be assessed in conjunction with the capital investment and project plans.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this profile be created and used to separate the signals that are externally funded from the base tax levy.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Signals - Developer and ARA Funded****FUNDED**PROFILE NUMBER: **CM-66-2525**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387
	Current Approved Budget	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387
	Approved Funding Sources												
	Developer ARA	-	1,200	-	-	-	-	-	-	-	-	-	1,200
	Developer Financing	-	1,653	2,824	2,841	2,868	-	-	-	-	-	-	10,187
	Current Approved Funding Sources	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387
	Requested Funding Source												
	Developer ARA	-	1,200	-	-	-	-	-	-	-	-	-	1,200
	Developer Financing	-	1,653	2,824	2,841	2,868	-	-	-	-	-	-	10,187
	Requested Funding Source	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,796	2,768	2,784	2,810	-	-	-	-	-	-	11,159
	Design	-	57	56	57	57	-	-	-	-	-	-	228
	Total	-	2,853	2,824	2,841	2,868	-	-	-	-	-	-	11,387

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **TRAFFIC SAFETY ENGINEERING MEASURES**  
 PROFILE: **CM-66-2550**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME:  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Gord Cebryk**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>10,500</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>10,500</b>

**PROFILE DESCRIPTION**

Investment into improving Traffic Safety through engineering measures such as: right turn island redesigns, protected/prohibited left turn signals and signal visibility improvements. The source of funding is from automated enforcement traffic safety reserve fund. Some of these changes will also be coordinated with Arterial and Neighbourhood projects to minimize the impact to the public and achieve overall cost savings through combining projects, as opposed to isolated individual projects.

**PROFILE BACKGROUND**

In 2015, City Council approved the 2016-2020 Road Safety Strategy, which included road safety improvements through engineering enhancements. These include protected-prohibited left turns, right turn island redesigns, increasing signal visibility through fluorescent signal light backplates, additional signal boards and other enhancements as identified.

**PROFILE JUSTIFICATION**

Continuous investment into traffic safety will promote positive driver behaviours and encourage the safer use of the road infrastructure.

Priority Projects:

- Left-turn mitigation measures (protected-prohibited left turns)
- Right-turn mitigation measures (redesign of right turns)
- Signal visibility enhancements (additional signal fixtures, addition of retro-reflective tape around signal backboards)
- Other identified engineering countermeasures

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality. The Way We Live-safe City and neighbourhoods. The Way We Finance-self funded (not tax levy)

**ALTERNATIVES CONSIDERED**

Alternative is to not support this profile. This initiative is self funded with enforcement revenues.

**COST BENEFITS**

Investments into this program enhances overall traffic safety for vehicles, pedestrians and buses in and around the City.

**KEY RISKS & MITIGATING STRATEGY**

Risk of injuries and severe collisions are mitigated by the five E's of traffic safety: Education, Engineering, Engagement, Evaluation and Enforcement.

**RESOURCES**

Resources include internal staff and external contractors dedicated to improving traffic safety.

**CONCLUSIONS AND RECOMMENDATIONS**

This program should continue permanently in the City's capital investment portfolio given the beneficial value it provides to multiple key stakeholders. Traffic safety is a priority and should be properly represented within the City's investments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Traffic Safety Engineering Measures****FUNDED**PROFILE NUMBER: **CM-66-2550**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Current Approved Budget	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Approved Funding Sources												
	Traffic Safety Automated Enfmt Resrv	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Current Approved Funding Sources	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Requested Funding Source												
	Traffic Safety Automated Enfmt Resrv	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Requested Funding Source	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Gen Contract Work	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500
	Total	-	-	3,500	3,500	3,500	-	-	-	-	-	-	10,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMMUNITY TRAFFIC SAFETY COUNTERMEASURES**  
 PROFILE: **CM-66-2555**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME:  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER: **Gord Cebryk**  
 ESTIMATED START: **January, 2016**  
 ESTIMATED COMPLETION: **December, 2018**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>11,500</b>
<b>100</b>		BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>11,500</b>

**PROFILE DESCRIPTION**

This profile includes measures to address two major community traffic safety concerns: shortcutting and school zone safety. These measures include: the installation of speed humps and speed tables in communities to discourage speeding; as well as analyzing safety at school zones and developing drop off facilities.

**PROFILE BACKGROUND**

In 2015, City Council approved the 2016-2020 Road Safety Strategy which included various road safety improvement measures. These include: addressing shortcutting concerns, and increasing safety at and around school zones.

**PROFILE JUSTIFICATION**

85% of Edmontonians support reduced speed limits in school zones, and the establishment of the 30 km/h school zone speed limit was the first step in reducing the risk to students and road users in the vicinity of schools. Additional measures such as the painting of pavement markings, installation of pedestrian controls and developing off-site school drop-off sites are required to increase traffic safety.

Also, shortcutting through communities is one of the main citizen concerns. This new program will address both isolated issues and community wide traffic management plans. Safety will be enhanced by the installation of measures such as community signs, neighbourhood speed reduction programs and other proven countermeasures.

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality. The Way We Live-safe City and neighbourhoods. The Way We Finance-self funded (not tax levy)

**ALTERNATIVES CONSIDERED**

Alternative is to not support this profile. This initiative is self funded with enforcement revenues.

**COST BENEFITS**

Investments into this program enhances overall traffic safety for vehicles, pedestrians and buses in and around the City.

**KEY RISKS & MITIGATING STRATEGY**

Risk of injuries and severe collisions are mitigated by the five E's of traffic safety: Education, Engineering, Engagement, Evaluation and Enforcement.

**RESOURCES**

Resources include internal staff and external contractors dedicated to improving traffic safety.

**CONCLUSIONS AND RECOMMENDATIONS**

This program should continue permanently in the City's capital investment portfolio given the beneficial value it provides to multiple key stakeholders. Traffic safety is a priority and should be properly represented within the City's investments.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Community Traffic Safety Countermeasures****FUNDED**PROFILE NUMBER: **CM-66-2555**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Capital Budget Adj (one-off)	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Current Approved Budget	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Approved Funding Sources												
	Traffic Safety Automated Enfmt Resrv	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Current Approved Funding Sources	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Requested Funding Source												
	Traffic Safety Automated Enfmt Resrv	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Requested Funding Source	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500
	Total	-	-	3,700	3,900	3,900	-	-	-	-	-	-	11,500

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **STREET LIGHTING REHABILITATION**  
 PROFILE: **CM-66-2560**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Streetlight**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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RENEWAL
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PREVIOUSLY APPROVED:	26,876
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	26,876
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**PROFILE DESCRIPTION**

Rehabilitates and replaces aging streetlight infrastructure and installs new streetlighting and walkway lighting towards improving public safety in neighbourhoods and roadways.

**PROFILE BACKGROUND**

Streetlight Rehabilitation ensures the infrastructure is able to sustain traffic and pedestrian safety by providing optimal lighting levels. Aging streetlight infrastructure impedes on the safety of motorists and pedestrians.

**PROFILE JUSTIFICATION**

Aging streetlight infrastructure and low lighting levels impede on the safety of motorists and pedestrians.

**STRATEGIC ALIGNMENT**

The Way We Move: Strategic Goals: Access and Mobility, Transportation Mode Shift, Sustainability, Well Maintained Infrastructure, Economic Vitality. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Alternatives include partial funding or no funding. These alternatives will direct the level of resources that will be dedicated to this work. Insufficient funding for rehabilitation will result in potentially higher costs for replacement and risk to public safety and infrastructure if poles begin to fall and deteriorate. There is a significant risk of potential liability for civil claims due to fallen poles.

**COST BENEFITS**

Capital investment is required to meet program objectives and mitigate risks of costs of infrastructure failure and public claims. Tangible benefits include new infrastructure, less operating costs, innovative applications, power consumption savings and reduced litigation from faulty infrastructure. Intangible benefits are improved traffic and pedestrian safety, overall attractiveness (decorative poles), and less environmental footprints (LED).

**KEY RISKS & MITIGATING STRATEGY**

Critical/Fallen (D or F rated) poles deteriorate structurally and have fallen unpredictably due to dynamic weather conditions. Critical poles are an imminent and obvious risk to public safety. Risk is mitigated with sufficient investment.

**RESOURCES**

Permanent resources are currently available within the City's existing complement of FTEs, budget, and schedule. Additional resources that may be required will be assessed in conjunction with the capital investment and project plans.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this program receive sufficient funding to achieve its condition targets within five years given the beneficial value that is generated to multiple key stakeholders.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Street Lighting Rehabilitation****FUNDED**PROFILE NUMBER: **CM-66-2560**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	5,981	6,184	7,142	7,542	-	-	-	-	-	-	26,850
	2015 Cap Council	-	26	-	-	-	-	-	-	-	-	-	26
	Current Approved Budget	-	6,007	6,184	7,142	7,542	-	-	-	-	-	-	26,876
	Approved Funding Sources												
	Developer Financing	-	26	-	-	-	-	-	-	-	-	-	26
	Munc Sustain. Initiative - MSI	-	5,802	5,999	6,928	7,315	-	-	-	-	-	-	26,044
	Pay-As-You-Go	-	179	186	214	227	-	-	-	-	-	-	806
	Current Approved Funding Sources	-	6,007	6,184	7,142	7,542	-	-	-	-	-	-	26,876

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,007	6,184	7,142	7,542	-	-	-	-	-	-	26,876
	Requested Funding Source												
	Developer Financing	-	26	-	-	-	-	-	-	-	-	-	26
	Munc Sustain. Initiative - MSI	-	5,802	5,999	6,928	7,315	-	-	-	-	-	-	26,044
	Pay-As-You-Go	-	179	186	214	227	-	-	-	-	-	-	806
	Requested Funding Source	-	6,007	6,184	7,142	7,542	-	-	-	-	-	-	26,876

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	5,790	5,965	7,010	7,402	-	-	-	-	-	-	26,167
	Design	-	217	219	132	140	-	-	-	-	-	-	709
	Total	-	6,007	6,184	7,142	7,542	-	-	-	-	-	-	26,876

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GEO-ENVIRONMENTAL (SLOPE STABILITY)**  
 PROFILE: **CM-66-2715**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Facilities Development**  
 LEAD BRANCH: **Transportation Operations**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Gord Cebryk
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2024
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Service Category:	Roads
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Major Initiative:	
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GROWTH

RENEWAL
100

PREVIOUSLY APPROVED:	15,325
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	15,325
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**PROFILE DESCRIPTION**

Emergency repair of unpredictable geotechnical/environmental issues on road right of way, recreational trails and facilities, waterways and ravines. Also undertake environmental remediation of contaminated sites.

**PROFILE BACKGROUND**

This program was created to respond to emergency situations involving landslides, erosion and environmental contaminated sites.

**PROFILE JUSTIFICATION**

A key risk that this program is able to mitigate is the unpredictability of slides, in terms of timing and scale. Unstable slopes present a significant risk to public safety and City infrastructure, thus, must be addressed in a timely manner. The City's ISO14001 certification relies upon this program to maintain its environmental compliance and certification.

**STRATEGIC ALIGNMENT**

The Way We Move, The Way We Green, The Way We Live

**ALTERNATIVES CONSIDERED**

Alternatives include partial funding or no funding. Insufficient funding will impede on the Department's ability to meet strategic goals and capital plans, and presents risks to public safety and infrastructure. ISO certification may be impacted.

**COST BENEFITS**

Investment costs of remediation are minimal compared to the cost of the risk to public safety, liability and disruption to traffic movement. Tangible: prevention of costly civil claims and environmental compliance. Intangible: environmental stewardship and responsibility to citizens, public safety preservation, avoidance of costly reactionary actions to environmental cleanup and maintain the free movement of people and goods.

**KEY RISKS & MITIGATING STRATEGY**

Unstable slopes present a significant risk to public safety, City infrastructure and impact the movement of people and goods. These risks can be lessened through rapid assessment, evaluation and remediation.

**RESOURCES**

Permanent staff resources are currently available within the City's existing complement of FTEs. Additional resources that may be required will be assessed in conjunction with the capital investment and project plans.

**CONCLUSIONS AND RECOMMENDATIONS**

It is recommended that this program be approved. Investment into this profile is minimal compared to the risks and liability that are inherent when dealing with unstable slopes and contaminated sites

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Geo-Environmental (Slope Stability)****FUNDED**PROFILE NUMBER: **CM-66-2715**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325
	Current Approved Budget	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	3,018	3,068	3,219	3,324	-	-	-	-	-	-	12,629
	Pay-As-You-Go	-	644	655	687	709	-	-	-	-	-	-	2,696
	Current Approved Funding Sources	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	3,018	3,068	3,219	3,324	-	-	-	-	-	-	12,629
	Pay-As-You-Go	-	644	655	687	709	-	-	-	-	-	-	2,696
	Requested Funding Source	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	3,187	3,276	3,398	3,549	-	-	-	-	-	-	13,411
	Equip FurnFixt	-	475	446	508	484	-	-	-	-	-	-	1,914
	Total	-	3,662	3,723	3,907	4,034	-	-	-	-	-	-	15,325

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **NRP NBHD RENEWAL - COMPOSITE**  
 PROFILE: **CM-66-4000**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Operations**  
 PROGRAM NAME: **Neighbourhood Rehabilitation**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Gord Cebryk
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Neighbourhood Renewal
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Major Initiative:	
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<b>GROWTH</b>	<b>RENEWAL</b>
	100

PREVIOUSLY APPROVED:	126,582
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	126,582
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**PROFILE DESCRIPTION**

Neighbourhood Renewal provides for the renewal of roadway base, paving, curbs, gutters, and sidewalks in existing local and collector roadways and related work for streetlighting rehab/upgrades, mature tree management, and minor geometric and active modes connections/facilities improvements.

**PROFILE BACKGROUND**

The Neighbourhood Renewal Program (NRP) outlines a cost-effective, long-term strategic approach to address Edmonton's neighbourhood infrastructure needs, and the renewal and rebuilding of roads, sidewalks, and streetlights in existing neighbourhoods.

**PROFILE JUSTIFICATION**

Neighbourhood infrastructure should be maintained in accordance to its asset life cycle as outlined in the City's Neighbourhood Investment Model, with sufficient funding to ensure renewal work occurs at an optimum intervals.

**STRATEGIC ALIGNMENT**

The Way We Move: Well Maintained Infrastructure, Sustainability, Access and Mobility, Transportation Mode Shift, Health and Safety. The Way We Green. The Way We Live.

**ALTERNATIVES CONSIDERED**

Using life cycle cost/benefit analysis demonstrates a reconstruction-only program that would take many more years to complete at a significantly higher cost than a holistic approach (reconstruction, rehab, and preventative maintenance).

**COST BENEFITS**

Tangible benefits: renewing the aging infrastructure, maximizing roadway service life, and achieving long-term cost savings through reinvestment strategies, increased service level and customer satisfaction.

Intangible benefits: enhancing the attractiveness, safety and livability of neighbourhoods for residents.

**KEY RISKS & MITIGATING STRATEGY**

Reconstruction is required when infrastructure reaches end of its service life. To "do nothing" allows:

- further deterioration and poorer level of service
- higher risk to safety and failure
- higher maintenance and (triage) renewal costs

**RESOURCES**

External contractors will be used to complete design and construction. Long term reconstruction contracts will be coordinated with Drainage Services and other City initiatives to optimize cost savings and investments.

**CONCLUSIONS AND RECOMMENDATIONS**

Annual Neighbourhood Renewal Tax Levy increases from 2015 - 2018 (1.5%), are required to build a sustainable funding source by 2018. In the interim, other MSI is required to start the reconstruction of 5-6 neighbourhoods annually.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NRP NBHD Renewal - Composite****FUNDED**PROFILE NUMBER: **CM-66-4000**PROFILE TYPE: **Composite**BRANCH: **Transportation Operations**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	19,510	35,091	32,494	47,601	-	-	-	-	-	-	134,696
	2015 Cap Council	-	-	-	-	-8,114	-	-	-	-	-	-	-8,114
	Current Approved Budget	-	19,510	35,091	32,494	39,487	-	-	-	-	-	-	126,582
	Approved Funding Sources												
	Local Improvements Prop. Share	-	3,149	1	5	2	-	-	-	-	-	-	3,157
	Munc Sustain. Initiative - MSI	-	21,069	-	-	-	-	-	-	-	-	-	21,069
	Pay-As-You-Go - NBHR	-	-4,708	35,090	32,489	39,485	-	-	-	-	-	-	102,356
	Current Approved Funding Sources	-	19,510	35,091	32,494	39,487	-	-	-	-	-	-	126,582

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	19,510	35,091	32,494	39,487	-	-	-	-	-	-	126,582
	Requested Funding Source												
	Local Improvements Prop. Share	-	3,149	1	5	2	-	-	-	-	-	-	3,157
	Munc Sustain. Initiative - MSI	-	21,069	-	-	-	-	-	-	-	-	-	21,069
	Pay-As-You-Go - NBHR	-	-4,708	35,090	32,489	39,485	-	-	-	-	-	-	102,356
	Requested Funding Source	-	19,510	35,091	32,494	39,487	-	-	-	-	-	-	126,582

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	19,506	33,068	30,603	37,635	-	-	-	-	-	-	120,812
	Design	-	3	1,619	1,513	1,483	-	-	-	-	-	-	4,618
	Land	-	1	404	378	370	-	-	-	-	-	-	1,153
	Total	-	19,510	35,091	32,494	39,487	-	-	-	-	-	-	126,582

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **23 AVENUE/GATEWAY INTERCHANGE**  
 PROFILE: **06-66-1482**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Interchanges**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2006**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>227,245</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>227,245</b>

**PROFILE DESCRIPTION**

This project provides for the completion of design, property acquisition and construction of the 23 Avenue/Gateway Boulevard interchange. Commencement of design and land acquisition was included under project 04-66-1483.

The proposed schedule is as follows:  
 - Construction in 2008/2011

Fall 2012:

BA#66: Funding required in 09-66-1440 as project is over budget due to rising construction cost compared to project estimates. Funding available in 1482 as the project is coming to a close and construction costs were lower than anticipated.

2012 Spring SBA:

#12-36: Cost savings of \$2,335K transferred to 09-66-1480 to fund the completion of Whitemud Drive/17 Street Interchange. Phase I (overpass) of the interchange commenced in 2011, with Phase II (underpass) to begin in 2012.

2011 Spring SBA:

#11-36 Transfer Fuel to 66-1020 to fund additional construction within the profile.

2010 SBA:

#10-68: Switch AMIP for Fuel Rebate in order to use all AMIP in the current year.

**PROFILE JUSTIFICATION**

Policy B-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Given the high through traffic along Gateway Boulevard/Calgary Trail, local traffic along 23 Avenue (residential access/South Edmonton Common) and congestion caused by the CP rail-line just east of Gateway Boulevard; the existing at-grade intersection experiences severe traffic congestion (especially during peak times on weekdays/weekends). The intersection is also a high collision location - it has consistently ranked among the top five in terms of collisions and injury.

Contributing to the growing traffic congestion in the area is the substantial residential growth of the south sector of the City, commercial/industrial development, and through traffic to and from the International Airport.

The Transportation Department will bring forward the tender price for approval to award this project.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Services Packages.

**CHANGES TO APPROVED PROFILE**

#15-50: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **23 Avenue/Gateway Interchange****FUNDED**PROFILE NUMBER: **06-66-1482**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	351,566	-	-	-	-	-	-	-	-	-	-	351,566
	2006 CBS Budget Adjustment	-30,525	-	-	-	-	-	-	-	-	-	-	-30,525
	2007 CBS Budget Adjustment	-259	-	-	-	-	-	-	-	-	-	-	-259
	2008 CBS Budget Adjustment	-5,637	-	-	-	-	-	-	-	-	-	-	-5,637
	2009 CBS Budget Adjustment	-28,258	-	-	-	-	-	-	-	-	-	-	-28,258
	2010 CBS Budget Adjustment	-30,101	-	-	-	-	-	-	-	-	-	-	-30,101
	2011 CBS Budget Adjustment	-28,931	-	-	-	-	-	-	-	-	-	-	-28,931
	2012 CBS Budget Adjustment	-305	-	-	-	-	-	-	-	-	-	-	-305
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	7,549	-	-	-	-	-	-	-	-	-	-	7,549
	2014 Cap Capital Budget Adj (one-off)	-5,550	-	-	-	-	-	-	-	-	-	-	-5,550
	2014 Cap Carry Forward	-2,000	2,000	-	-	-	-	-	-	-	-	-	-
	2014 Cap Release to Corp Pool	-1,630	-	-	-	-	-	-	-	-	-	-	-1,630
	2014 SCBA Change in Sources of Funding	-674	-	-	-	-	-	-	-	-	-	-	-674
	Current Approved Budget	225,244	2,000	-	-	-	-	-	-	-	-	-	227,245
	Approved Funding Sources												
	AMIP	114,950	-	-	-	-	-	-	-	-	-	-	114,950
	Developer Financing	5,011	-	-	-	-	-	-	-	-	-	-	5,011
	Fuel Rebate	105,881	-3,468	-	-	-	-	-	-	-	-	-	102,413
	Munc Sustain. Initiative - MSI	-3,469	5,307	-	-	-	-	-	-	-	-	-	1,838
	Pay-As-You-Go	2,871	162	-	-	-	-	-	-	-	-	-	3,033
	Current Approved Funding Sources	225,244	2,000	-	-	-	-	-	-	-	-	-	227,245

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	225,244	2,000	-	-	-	-	-	-	-	-	-	227,245
	Requested Funding Source												
	AMIP	114,950	-	-	-	-	-	-	-	-	-	-	114,950
	Developer Financing	5,011	-	-	-	-	-	-	-	-	-	-	5,011
	Fuel Rebate	105,881	-3,468	-	-	-	-	-	-	-	-	-	102,413
	Munc Sustain. Initiative - MSI	-3,469	5,307	-	-	-	-	-	-	-	-	-	1,838
	Pay-As-You-Go	2,871	162	-	-	-	-	-	-	-	-	-	3,033
	Requested Funding Source	225,244	2,000	-	-	-	-	-	-	-	-	-	227,245

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-674	-	-	-	-	-	-	-	-	-	-	-674
	Other Costs	225,918	2,000	-	-	-	-	-	-	-	-	-	227,919
	Total	225,244	2,000	-	-	-	-	-	-	-	-	-	227,245

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **RING ROAD CONNECTORS**  
 PROFILE: **06-66-1612**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2006**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>94,688</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>94,688</b>

**PROFILE DESCRIPTION**

This project includes property acquisitions, design and construction/upgrading of arterial roadway connections to southeast, southwest and northwest legs of Anthony Henday Drive. The southeast Anthony Henday Drive connections were completed in 2008 and 2009. The northwest Anthony Henday Drive connections are being completed over 2010-2012. The northwest Anthony Henday Drive projects that remain are:

- 184 Street: TUC to CN Access - this project realigns 184 Street to connect to the 184 Street interchange - 2011 construction
- 82 Street: 180 Avenue to TUC - this project reconstructs the existing 82 Street rural roadway to a urban standard south of Anthony Henday Drive - 2011 construction
- 137 Avenue: TUC to 170 Street - this project widens 137 Avenue to 4 lanes west of 170 Street and includes intersection improvements at 170 Street - 2012 construction
- 66 Street: 167 Avenue to 195 Avenue - this project reconstructs the existing 66 Street rural roadway to a urban standard north and south of Anthony Henday Drive - 2012 construction

The improvements to Callingwood Road & Lessard Road connections to the southwest leg of Anthony Henday Drive started in 2011 and will be completed in 2012. The improvements are east and west of Anthony Henday Drive.

Fall 2012:

#69: Initial funding required for future land dedication Victoria Trail: 153 Ave to AHD.

2012 Spring SBA:

#34: Recognize the use of AMIP interest, in the amount of \$378K, in 2011.

Fall 2012

#68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

Development of the City's arterial road and trail network adjacent to the Ring Road needs to be coordinated with the Provincial construction of the Ring Road, to ensure appropriate and adequate connections.

Edmonton's regional neighbours have agreed that construction of Anthony Henday Drive is the highest regional transportation priority.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CHANGES TO APPROVED PROFILE**

#15-41 (Fall 2015): Transfer budget from 06-66-1612 to 09-66-1480 to cover \$865K in land claim charges.

#15-50: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Ring Road Connectors****FUNDED**PROFILE NUMBER: **06-66-1612**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	91,559	-	-	-	-	-	-	-	-	-	-	91,559
	2006 CBS Budget Adjustment	457	-	-	-	-	-	-	-	-	-	-	457
	2007 CBS Budget Adjustment	1,724	-	-	-	-	-	-	-	-	-	-	1,724
	2008 CBS Budget Adjustment	1,094	-	-	-	-	-	-	-	-	-	-	1,094
	2009 CBS Budget Adjustment	-1,035	-	-	-	-	-	-	-	-	-	-	-1,035
	2010 CBS Budget Adjustment	1,032	-	-	-	-	-	-	-	-	-	-	1,032
	2011 CBS Budget Adjustment	-11,157	-	-	-	-	-	-	-	-	-	-	-11,157
	2012 CBS Budget Adjustment	1,092	-	-	-	-	-	-	-	-	-	-	1,092
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	7,976	-	-	-	-	-	-	-	-	-	-	7,976
	2014 Cap Carry Forward	-5,217	5,217	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-865	-	-	-	-	-	-	-	-	-	-865
	2015 Cap Council	-	2,811	-	-	-	-	-	-	-	-	-	2,811
	Current Approved Budget	87,525	7,163	-	-	-	-	-	-	-	-	-	94,688
	Approved Funding Sources												
	AMIP	32,703	-	-	-	-	-	-	-	-	-	-	32,703
	Developer ARA	-	6,085	-	-	-	-	-	-	-	-	-	6,085
	Developer Financing	4,463	-	-	-	-	-	-	-	-	-	-	4,463
	Fuel Rebate	27,295	-992	-	-	-	-	-	-	-	-	-	26,303
	Munc Sustain. Initiative - MSI	15,909	1,119	-	-	-	-	-	-	-	-	-	17,029
	Pay-As-You-Go	7,154	951	-	-	-	-	-	-	-	-	-	8,105
	Current Approved Funding Sources	87,525	7,163	-	-	-	-	-	-	-	-	-	94,688

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	87,525	7,163	-	-	-	-	-	-	-	-	-	94,688
	Requested Funding Source												
	AMIP	32,703	-	-	-	-	-	-	-	-	-	-	32,703
	Developer ARA	-	6,085	-	-	-	-	-	-	-	-	-	6,085
	Developer Financing	4,463	-	-	-	-	-	-	-	-	-	-	4,463
	Fuel Rebate	27,295	-992	-	-	-	-	-	-	-	-	-	26,303
	Munc Sustain. Initiative - MSI	15,909	1,119	-	-	-	-	-	-	-	-	-	17,029
	Pay-As-You-Go	7,154	951	-	-	-	-	-	-	-	-	-	8,105
	Requested Funding Source	87,525	7,163	-	-	-	-	-	-	-	-	-	94,688

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-5,217	8,028	-	-	-	-	-	-	-	-	-	2,811
	Land	-	-865	-	-	-	-	-	-	-	-	-	-865
	Other Costs	92,742	-	-	-	-	-	-	-	-	-	-	92,742
	Total	87,525	7,163	-	-	-	-	-	-	-	-	-	94,688

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WHITEMUD DRIVE/QUESNELL BRIDGE REHAB/GRW**  
 PROFILE: **08-66-1462**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Goods Movement Corridors - Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2008**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>160,676</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>160,676</b>

**PROFILE DESCRIPTION**

This project provides for the widening and rehabilitation of the Quesnell Bridge over the North Saskatchewan River and Whitemud Bridge over Fox Drive in 2008/10. This project will also include the widening of Whitemud Drive to six (6) continuous lanes and associated auxiliary lanes between 149 Street and 53 Ave.

The following items are proposed from 2008 to 2011:

1. Widening and rehabilitation of the Quesnell Bridge over the North Saskatchewan River and Whitemud Bridge over Fox Drive (Construction 2008/2011).
2. Widening and rehabilitation of Whitemud Drive to six (6) continuous lanes and associated auxiliary lanes between 149 Street and 53 Avenue (Construction 2008/09/10).
3. Reconstruction of the retaining walls along the Whitemud corridor between 149 Street and 53 Avenue (Construction 2008).

All design costs have been previously accounted in Council approved project 03-66-1461 (Whitemud/Terwillagar Stage 1)

The expected life of the asset is 25 to 30 years. Tax supported Debt would have a debenture term of up to 25 years.

**PROFILE JUSTIFICATION**

Policy B-3 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Whitemud Drive between 75 Street and 170 Street has been designated as the southerly leg of the City's Inner Ring Loop as defined in the Transportation Master Plan.

Whitemud Drive between 53 Avenue and 149 Street is currently operating at capacity during the peak hours, with two continuous lanes in each direction. Deck replacement and girder strengthening is recommended to extend the service life of the Quesnell Bridge to 50 years. Reconstruction of the Whitemud Bridge over Fox Drive is recommended, as deck rehabilitation is no longer cost effective.

Justification for this project is also coordinated with the Bridge Rehabilitation Program (019-66-1040) and the Arterial / Primary Highway Renewal / Cracksealing (09-66-1020)

Impact on Operating

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Whitemud Drive/Quesnell Bridge Rehab/Grw****FUNDED**PROFILE NUMBER: **08-66-1462**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	150,570	-	-	-	-	-	-	-	-	-	-	150,570
	2008 CBS Budget Adjustment	13,937	-	-	-	-	-	-	-	-	-	-	13,937
	2009 CBS Budget Adjustment	-12,833	-	-	-	-	-	-	-	-	-	-	-12,833
	2010 CBS Budget Adjustment	-11,093	-	-	-	-	-	-	-	-	-	-	-11,093
	2011 CBS Budget Adjustment	19,837	-	-	-	-	-	-	-	-	-	-	19,837
	2012 CBS Budget Adjustment	-722	-	-	-	-	-	-	-	-	-	-	-722
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	980	-	-	-	-	-	-	-	-	-	-	980
	2014 Cap Carry Forward	-642	642	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	160,034	642	-	-	-	-	-	-	-	-	-	160,676
	Approved Funding Sources												
	Fuel Rebate	15,620	-	-	-	-	-	-	-	-	-	-	15,620
	Tax-Supported Debt	144,414	642	-	-	-	-	-	-	-	-	-	145,056
	Current Approved Funding Sources	160,034	642	-	-	-	-	-	-	-	-	-	160,676

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	160,034	642	-	-	-	-	-	-	-	-	-	160,676
	Requested Funding Source												
	Fuel Rebate	15,620	-	-	-	-	-	-	-	-	-	-	15,620
	Tax-Supported Debt	144,414	642	-	-	-	-	-	-	-	-	-	145,056
	Requested Funding Source	160,034	642	-	-	-	-	-	-	-	-	-	160,676

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-642	642	-	-	-	-	-	-	-	-	-	-
	Other Costs	160,676	-	-	-	-	-	-	-	-	-	-	160,676
	Total	160,034	642	-	-	-	-	-	-	-	-	-	160,676

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARTERIAL NETWORK IMPROVEMENTS**  
 PROFILE: **09-66-1440**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>96,841</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>96,841</b>

**PROFILE DESCRIPTION**

This project provides for improvements and upgrades of arterial roadways to facilitate movement of traffic, address safety concerns, remove traffic congestion, accommodate developing residential, commercial/industrial areas, and to undertake the final overlay of asphalt pavement two to five years after construction. In addition funding is also provided for land acquisition and construction of noise abatement structures and the installation of traffic signal operation enhancements.

The following locations are proposed. Final locations are dependent on results of assessments, detailed design, and contract tendering:

2009

1. 137 Avenue: (142 Street - 156 Street) [Widen to 6 lanes]
2. 137 Avenue: (136 Street - 149 Street) [CN Underpass]

2010

3. 112 Avenue: (82 Street) [Intersection widening]
4. 112 Avenue: (79 Street) [Intersection widening]

2011

5. Rabbit Hill Road: (23 Avenue - Terwillegar Drive) [Widen to 4 lanes]
6. Rabbit Hill Road: (Terwillegar Drive - Riverbend Road) [Widen to 4 lanes]
7. 142 Street: (137 Avenue - 153 Avenue) [First 2 lanes]
8. 153 Avenue: (139 Street - 142 Street) [First 2 lanes]

Fall 2012:

BA#66: Funding required in 09-66-1440 due to higher construction costs from estimates will be funded from savings in 12-66-1042, 06-66-1482, 09-66-1960. BA#69: Pay as you go funding not required in 08-66-1225 as the projected is funding 100% with Photo Radar revenue will help fund budget shortfall.

BA#68: Arterial Network Improvements requires general financing switch to cover grant ineligible costs (09-66-1480).

#60: Additional developer financing is expected from CN Rail for the 137 Ave/CN Rail Bridge project.

2012 Spring SBA:

#39: Switch Pay As You Go with Fuel Rebate, in Profile 09-66-1020, to fund the overage in Pay As You Go of \$302K in 2011.

**PROFILE JUSTIFICATION**

Policy B-6, and C-1 through C-7 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Residential and commercial developments increase the traffic demand on the adjacent arterial road network. Upgrades are required to maintain these roadways in good operating condition and/or to alleviate traffic congestion problems.

Application of final lift of pavement on new roads two to five years after construction is necessary to complete staged construction and to restore the new roadway's smooth riding surface subsequent to uneven settlement due to ground conditions.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Arterial Network Improvements****FUNDED**PROFILE NUMBER: **09-66-1440**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	102,007	-	-	-	-	-	-	-	-	-	-	102,007
	2009 CBS Budget Adjustment	-390	-	-	-	-	-	-	-	-	-	-	-390
	2010 CBS Budget Adjustment	-15,769	-	-	-	-	-	-	-	-	-	-	-15,769
	2011 CBS Budget Adjustment	-2,630	-	-	-	-	-	-	-	-	-	-	-2,630
	2012 CBS Budget Adjustment	9,927	-	-	-	-	-	-	-	-	-	-	9,927
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,443	-	-	-	-	-	-	-	-	-	-	3,443
	2014 Cap Carry Forward	-561	561	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	64	-	-	-	-	-	-	-	-	-	-	64
	2015 Cap Administrative	-	189	-	-	-	-	-	-	-	-	-	189
	Current Approved Budget	96,091	750	-	-	-	-	-	-	-	-	-	96,841
	Approved Funding Sources												
	AMIP	17,087	-	-	-	-	-	-	-	-	-	-	17,087
	Developer ARA	-	189	-	-	-	-	-	-	-	-	-	189
	Developer Financing	6,873	-	-	-	-	-	-	-	-	-	-	6,873
	Fuel Rebate	37,964	-	-	-	-	-	-	-	-	-	-	37,964
	Munc Sustain. Initiative - MSI	24,448	561	-	-	-	-	-	-	-	-	-	25,009
	Pay-As-You-Go	9,693	-	-	-	-	-	-	-	-	-	-	9,693
	Pay-As-You-Go (non-TCA)	26	-	-	-	-	-	-	-	-	-	-	26
	Current Approved Funding Sources	96,091	750	-	-	-	-	-	-	-	-	-	96,841

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	96,091	750	-	-	-	-	-	-	-	-	-	96,841
	Requested Funding Source												
	AMIP	17,087	-	-	-	-	-	-	-	-	-	-	17,087
	Developer ARA	-	189	-	-	-	-	-	-	-	-	-	189
	Developer Financing	6,873	-	-	-	-	-	-	-	-	-	-	6,873
	Fuel Rebate	37,964	-	-	-	-	-	-	-	-	-	-	37,964
	Munc Sustain. Initiative - MSI	24,448	561	-	-	-	-	-	-	-	-	-	25,009
	Pay-As-You-Go	9,693	-	-	-	-	-	-	-	-	-	-	9,693
	Pay-As-You-Go (non-TCA)	26	-	-	-	-	-	-	-	-	-	-	26
	Requested Funding Source	96,091	750	-	-	-	-	-	-	-	-	-	96,841

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-497	750	-	-	-	-	-	-	-	-	-	253
	Other Costs	96,588	-	-	-	-	-	-	-	-	-	-	96,588
	Total	96,091	750	-	-	-	-	-	-	-	-	-	96,841

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **INNER RING LOOP & HGHWY CONNECTORS**  
 PROFILE: **09-66-1480**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Goods Movement Corridors - Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2009**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>66,922</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>66,922</b>

**PROFILE DESCRIPTION**

This project provides for land acquisition, design and construction of improvements and operational enhancements to the highway connector roadway links that connect the Inner and Outer Ring Roads and provide good linkages between the City's roadway network and the Provincial Highway System.

The following locations are proposed. Final locations are dependent on results of assessments, detail design, and contract tendering:

- Fort Road: (66 Street - 129 Avenue) [Widen to 6 lanes, land acquisition, and relocation of Belvedere Park & Ride Lot, coordinated with 07-66-1020] Construction 2008/2010.
- Gateway Boulevard: (23 Avenue - Whitemud Drive) [Widen to 5 northbound lanes] Construction 2011
- Whitemud Drive: (17 Street) [Construct interchange] Construction 2011/2012
- Whitemud Drive: (66 Street to 34 Street) [Widen to 6 lanes] Construction 2012.
- Whitemud Drive and Terwillegar Drive [Widen to 3 westbound lanes] Construction 2010
- 170 Street: (Whitemud Drive - 90 Avenue) [Widen to 4 southbound lanes, coordinate with 07-66-1020] Construction in 2011.
- 75 Street: (68 Avenue) [Realignment] Construction 2010.
- Highway II: (41 Avenue SW) [Construct Interchange] Construction 2012/2013
- Yellowhead Trail: (St. Albert Trail - 121 Street) [Widening to 4 eastbound lanes]
- Rabbit Hill Road: (Anthony Henday) [Construct Interchange] Construction 2010

Fall 2012:

BA#68: Arterial Network Improvements requires general financing switch to cover grant ineligible costs (09-66-1440).

2012 Spring SBA:

#36: Transfer cost savings, totalling \$7,514K from 09-66-1040, 09-66-1491 and 06-66-1482 to fund the completion of Whitemud Drive/17 Street Interchange. Phase I (overpass) of the interchange commenced in 2011, with Phase II (underpass) to begin in 2012.

2011 Spring SBA:

BA39 Transfer GF funds to 66-1020, and replace it with MSI. This is required to allocate the required amount of GF to 66-1020.

BA36 Transfer MSI to 66-1612 to fund connectors.

2010:

BA66: Transfer funding to 06-66-1612 to fund the Callingwood and Lessard Road Highway Connectors.

BA68: Transfer funds to 2011 due to work being deferred.

BA40: Transfer funds to Operating for Rabbit Hill Rd Interchange.

**PROFILE JUSTIFICATION**

Policy B-3, and B-4 of the Transportation Master Plan, Bylaw #11778, approved by City Council in April 1999.

The West Edmonton Transportation Study approved by City Council in April 2003.

The North Edmonton Transportation Study approved by City Council in July 2004.

This project addresses existing and projected traffic operating concerns on the major highway connector facilities, and co-ordinates with work undertaken in surrounding municipalities.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CHANGES TO APPROVED PROFILE**

#15-41 (Fall 2015): Transfer budget from 06-66-1612 to 09-66-1480 to cover \$865K in land claim charges.

#15-41-8: Funding swap between 14-66-1041 and 09-66-1480 to facilitate the transfer of funds to 15-66-1617 and 15-66-1618.

Project design work tendered out and costs came in higher than estimated for 15-66-1618.

Additional design work required for 15-66-1617.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Inner Ring Loop & Hwy Connectors****FUNDED**PROFILE NUMBER: **09-66-1480**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	71,697	-	-	-	-	-	-	-	-	-	-	71,697
	2009 CBS Budget Adjustment	3,025	-	-	-	-	-	-	-	-	-	-	3,025
	2010 CBS Budget Adjustment	-13,137	-	-	-	-	-	-	-	-	-	-	-13,137
	2011 CBS Budget Adjustment	-12,713	-	-	-	-	-	-	-	-	-	-	-12,713
	2012 CBS Budget Adjustment	14,043	-	-	-	-	-	-	-	-	-	-	14,043
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	3,965	-	-	-	-	-	-	-	-	-	-	3,965
	2014 Cap Carry Forward	-946	946	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	262	-	-	-	-	-	-	-	-	-	262
	2015 Cap Council	-	-220	-	-	-	-	-	-	-	-	-	-220
	Current Approved Budget	65,934	988	-	-	-	-	-	-	-	-	-	66,922
	Approved Funding Sources												
	AMIP	22,567	-	-	-	-	-	-	-	-	-	-	22,567
	Developer Financing	357	-	-	-	-	-	-	-	-	-	-	357
	Fuel Rebate	6,144	-	-	-	-	-	-	-	-	-	-	6,144
	Munc Sustain. Initiative - MSI	29,583	827	-	-	-	-	-	-	-	-	-	30,410
	Pay-As-You-Go	7,283	161	-	-	-	-	-	-	-	-	-	7,444
	Current Approved Funding Sources	65,934	988	-	-	-	-	-	-	-	-	-	66,922

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	65,934	988	-	-	-	-	-	-	-	-	-	66,922
	Requested Funding Source												
	AMIP	22,567	-	-	-	-	-	-	-	-	-	-	22,567
	Developer Financing	357	-	-	-	-	-	-	-	-	-	-	357
	Fuel Rebate	6,144	-	-	-	-	-	-	-	-	-	-	6,144
	Munc Sustain. Initiative - MSI	29,583	827	-	-	-	-	-	-	-	-	-	30,410
	Pay-As-You-Go	7,283	161	-	-	-	-	-	-	-	-	-	7,444
	Requested Funding Source	65,934	988	-	-	-	-	-	-	-	-	-	66,922

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-946	123	-	-	-	-	-	-	-	-	-	-823
	Land	-	865	-	-	-	-	-	-	-	-	-	865
	Other Costs	66,880	-	-	-	-	-	-	-	-	-	-	66,880
	Total	65,934	988	-	-	-	-	-	-	-	-	-	66,922

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ACTIVE TRANSPORTATION**  
 PROFILE: **12-66-1430**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Active Modes**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,872</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,872</b>

**PROFILE DESCRIPTION**

This project fulfills the direction of the City's Active Transportation Policy C544, approved by City Council on October 5, 2009: - to optimize Edmontonian's opportunities to walk, roll, and cycle, regardless of age, ability, or socio-economic status; to enhance the safety, inclusivity and diversity of our communities, and to minimize the impact of transportation activities on the Edmonton's ecosystem. More specifically, the Policy goes on to state that: "The City of Edmonton strives to be pedestrian and bicycle-friendly. The City supports all forms of Active Transportation by providing infrastructure, facilities, programs and initiatives to: enhance accessibility, safety, security, and convenience through strategic improvement, expansion, and maintenance of the infrastructure and facilities that support Active Transportation, including sidewalks, curb ramps, shared pathways, marked bicycle and shared-use lanes, and end-of-trip facilities.

There are over 3,670 kilometres of missing sidewalk located along roadways throughout Edmonton, limiting the accessibility of the City's existing sidewalk network. Each year, missing links are identified and prioritized in accordance with the 2009 Sidewalk Strategy to complete critical pedestrian connections.

Inaccessible bus stops are defined as lacking one or more of the following elements: a sidewalk connection, bus pad, or curb ramps. Although these accessibility needs are addressed within Edmonton's newer developments, it is the older areas where these issues are most prominent.

As part of the City of Edmonton's Curb Ramp Program, approximately 300 curb ramps are constructed throughout the city on an annual basis. This program operates on a citizen request basis to ensure that the funds are directed in a fair and equitable manner throughout Edmonton.

The Multi-use Trail Corridor Study provides an innovative network plan and implementation strategy for shared-use paths (multi-use trail) in the City of Edmonton, offering convenient access and linkage opportunities to all sectors of the city in a secure, economically feasible, and aesthetic manner.

The City of Edmonton's 2009 Bicycle Transportation Plan outlines a network of close to 500 kilometres of on-street and shared-use bicycle routes.

Since 2002, the City of Edmonton has provided bicycle racks on bus routes 1, 4, and 9, as well as free access for bicycles on Light Rail Transit outside of the peak hours. As recommended in the 2009 Bicycle Transportation Plan, the City is moving towards providing bicycle racks on all buses, prioritized with cross-town and express routes across the river.

In 2008, a public bicycle parking program was established, to provide bicycle parking along major commercial corridors throughout the city.

The following are tentative locations that are being evaluated based on cost, priorities and links to Neighbourhood Renewal projects.

**Sidewalks:**

- 28 Avenue (Parsons Road to 91 Street) (Partnership with Developer)
- 36A Avenue (30 Street to 31A Street) (Walkway Connection)
- 51 Avenue (87 Street to 99 Street)
- 98 Avenue Service Road at 62 Street
- 112 Avenue (131 Street to Groat Road)
- 118 Avenue (142 Street to 151 Street) (Land Purchase in 2011)
- 99 Street (51 Avenue to 63 Avenue)
- 156 Street (111 Avenue to 118 Avenue)
- 170 Street (90 Avenue to 95 Avenue)
- Allard Way (51 Avenue to 54 Avenue)
- Calgary Trail (31 Avenue to 48 Avenue)
- Ellerslie Road (109 Street to 110 Street)
- Kingsway / Airport Road (Partnership with Kingsway BRZ)
- Parsons Road (25 Avenue to 34 Avenue)
- Terrace Road & 98 Avenue (Capilano Skate Park Connection)

**Curb Ramps:**

- Approximately 100 per year to fulfill requests
- Approximately 250 per year to address missing ramps in potential overlay neighbourhoods (Balwin, Beacon Heights, Bergman, Daly Grove,

# CAPITAL PROFILE REPORT

Profile Page 2

Goldbar, Lymburn, Patricia Heights, Quesnell Heights, Riverdale, Stone Industrial, Summerlea, Tipaskan, Westridge)

Bus Stop Accessibility: Bus pads, sidewalks, and curb ramps; assume retrofit of 50 bus stops per year targeting locations that will enable DATS patrons to access regular transit)

**Shared-Use Paths:**

- 28 Avenue (50 Street to 91 Street)
- 34 Avenue (91 Street to 99 Street)
- 151 Avenue (121 Street to 127 Street) (Partnership with Developer)
- 50 Street (90 Avenue to 92 Avenue)
- NE LRT Corridor (117 Avenue / 78 Street to 129 Avenue / 66 Street) (Land Purchase in 2011)
- Argyll Park (Top of Bank)

**On-Street Bike Routes:**

- 83 Avenue (97 Street to 112 Street)
- 95 Avenue (142 Street to 189 Street)
- 100 Avenue (102 Street to 121 Street)
- 101 Avenue (50 Street to 84 Street)
- 102 Avenue (111 Street to 121 Street)
- 121 Avenue (Victoria Trail to 77 Street)
- 127 Avenue (72 Street to 127 Street)
- 50 Street (98 Avenue to 109A Avenue)
- 79 Street (76 Avenue to 106 Avenue)
- 106 Street (34 Avenue to 51 Avenue)
- 189 Street (87 Avenue to 95 Avenue)
- Saddleback Road (completion of loop)

Bike Racks: Approximately 200 per year for installation on key corridors and in conjunction with streetscaping (e.g. Downtown, BRZs, and Revitalization Areas)

Bike Racks on Buses: Approximately 100 year to retrofit existing fleet

Wooden Stairways: Ongoing maintenance program

Timelines: Components are typically completed over a two year period. Yr 1: concept and design, Yr 2 construct.

**Dependencies:**

- Strategic Support: The Transportation Master Plan (The Way We Move) support Active Transportation
- Community Support
- Behaviour Change

**PROFILE JUSTIFICATION**

Fulfills the direction of the City's Active Transportation Policy C544, approved by City Council on October 5, 2009

Funding this composite allows the City to meet the 10 year targets set for the following Corporate Performance Measures: Proportion of Missing Links of Sidewalks and Shared Use Path Constructed in Existing Areas of the City and Proportion of Total Planned kms of on-street Cycling Facilities implemented. In addition, the funding will increase Edmontonians opportunity to engage in active transportation modes for travel.

**Components of the Project include:**

- The City of Edmonton's Curb Ramp Program
- The implementation strategy for shared-use paths (multi-use trail) in the City of Edmonton
- The City of Edmonton's 2009 Bicycle Transportation Plan - including bike racks and LRT racks

Alignment: - The Way We Move: Shifting Edmonton's Transportation Modes.

**Impact on Operating:**

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.



**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **Active Transportation****FUNDED**PROFILE NUMBER: **12-66-1430**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	20,133	-	-	-	-	-	-	-	-	-	-	20,133
	2012 CBS Budget Adjustment	4,142	-	-	-	-	-	-	-	-	-	-	4,142
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-2,658	-	-	-	-	-	-	-	-	-	-	-2,658
	2014 Cap Carry Forward	-898	898	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-722	-	-	-	-	-	-	-	-	-	-	-722
	2015 Cap Administrative	-	-23	-	-	-	-	-	-	-	-	-	-23
	Current Approved Budget	19,997	875	-	-	-	-	-	-	-	-	-	20,872
	Approved Funding Sources												
	Fuel Rebate	450	-	-	-	-	-	-	-	-	-	-	450
	Munc Sustain. Initiative - MSI	7,300	-	-	-	-	-	-	-	-	-	-	7,300
	Pay-As-You-Go	12,247	875	-	-	-	-	-	-	-	-	-	13,122
	Current Approved Funding Sources	19,997	875	-	-	-	-	-	-	-	-	-	20,872

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	19,997	875	-	-	-	-	-	-	-	-	-	20,872
	Requested Funding Source												
	Fuel Rebate	450	-	-	-	-	-	-	-	-	-	-	450
	Munc Sustain. Initiative - MSI	7,300	-	-	-	-	-	-	-	-	-	-	7,300
	Pay-As-You-Go	12,247	875	-	-	-	-	-	-	-	-	-	13,122
	Requested Funding Source	19,997	875	-	-	-	-	-	-	-	-	-	20,872

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,620	875	-	-	-	-	-	-	-	-	-	-745
	Other Costs	21,617	-	-	-	-	-	-	-	-	-	-	21,617
	Total	19,997	875	-	-	-	-	-	-	-	-	-	20,872

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **105 AVE STREETSCAPE (COLUMBIA AVENUE)**  
 PROFILE: **12-66-1432**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Gord Cebryk**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **January, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,800</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,800</b>

**PROFILE DESCRIPTION**

Council approved the expenditure of \$7.5 million to install improvements identified in the 105 Avenue Streetscape project between 111 and 119 Streets. Improvements include themed gateways, street signing and bulbed intersections, enhanced paving materials in the pedestrian and multi use trail realm, pedestrian scale lighting, street furniture, street trees, and infrastructure to accommodate low maintenance plantings to reduce paved areas, enhance drainage, and mitigate nuisances associated with the roadway traffic. These improvements will greatly enhance the pedestrian experience and support new infill development along 105 Avenue. \$0.938 million will be allocated in 2012 and 2013 to complete detailed design, and \$6.562 million will be allocated in 2014 to construct the associated improvements. Construction of the 105 Avenue Streetscape improvements will be coordinated with the improvements undertaken in the area through the Neighbourhood Rehabilitation Program and in consultation with the Office of Great Neighbourhoods.

Additional funding will be required after 2014 to complete the project between 97 and 101 Streets and between 105 and 111 Streets. The portion of 105 Avenue between 101 and 105 Streets will be funded and constructed as part of the North LRT line.

The Percent for Art amount has been calculated on the funded portion of this project (\$7.5M).

Fall 2012:

#66: This project is transferred from Sustainable Development as it is managed by Transportation Services and it is a Transportation Asset.

**PROFILE JUSTIFICATION**

City Council approved the Downtown North Edge Study as part of amendments to the Central McDougall and Queen Mary Park Area Redevelopment Plans in 2005. The 105 Avenue Streetscape Project is a major element in the Study's strategy to revitalize these areas by creating a liveable, attractive, vibrant, and pedestrian friendly Avenue, and thereby attract private investment and residential infill development to the area.

The streetscape between 111 and 119 street is non existent, or deficient.

A levy on new development was established as part of the amendments to the Central McDougall and Queen Mary Park Area Redevelopment Plans to fund the 105 Avenue Streetscape improvements. However, insufficient funds have accumulated through the levy to undertake the improvements.

The Neighbourhood Rehabilitation Program will be upgrading the utilities and roadways in this area during 2012 and 2013. Installing streetscape improvements along 105 Avenue during 2014 would be timely, cost effective and provide greater collective impact in stimulating redevelopment in the area.

**Alignment**

The implementation of the streetscape improvement along 105 Avenue is an important component of the approved vision for the area. As part of the rezoning process to DC1, the adjacent property owners are responsible for the costs of the required streetscape to the portion(s) of road right(s)-of-way abutting a Site (from private property line to the new curb) as identified by the 105 Avenue Corridor Study. The City has been collecting these costs for the last few years.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **105 Ave Streetscape (Columbia Avenue)****FUNDED**PROFILE NUMBER: **12-66-1432**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,031	-	-	-	-	-	-	-	-	-	-	7,031
	2012 CBS Budget Adjustment	4	-	-	-	-	-	-	-	-	-	-	4
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	465	-	-	-	-	-	-	-	-	-	-	465
	2014 Cap Carry Forward	-6,894	6,894	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-1,700	-	-	-	-	-	-	-	-	-	-1,700
	Current Approved Budget	606	5,194	-	-	-	-	-	-	-	-	-	5,800
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	395	3,901	-	-	-	-	-	-	-	-	-	4,296
BUDGET REQUEST	Partnership Funding	-	700	-	-	-	-	-	-	-	-	-	700
	Pay-As-You-Go	211	593	-	-	-	-	-	-	-	-	-	804
	Current Approved Funding Sources	606	5,194	-	-	-	-	-	-	-	-	-	5,800

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	606	5,194	-	-	-	-	-	-	-	-	-	5,800
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	395	3,901	-	-	-	-	-	-	-	-	-	4,296
	Partnership Funding	-	700	-	-	-	-	-	-	-	-	-	700
	Pay-As-You-Go	211	593	-	-	-	-	-	-	-	-	-	804
	Requested Funding Source	606	5,194	-	-	-	-	-	-	-	-	-	5,800

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-6,894	5,194	-	-	-	-	-	-	-	-	-	-1,700
	Other Costs	7,500	-	-	-	-	-	-	-	-	-	-	7,500
	Total	606	5,194	-	-	-	-	-	-	-	-	-	5,800

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ARTERIAL NETWORK IMPROVEMENTS**  
 PROFILE: **12-66-1440**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Composite**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER: **Barry Belcourt**  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,811</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,811</b>

**PROFILE DESCRIPTION**

Scope: This composite program includes:

Geometric improvements at key arterial roadway intersections to address safety and operational concerns. The project includes design and construction. Key projects include:

- 34 Ave (34 St to 48 St) - Intersection Improvements
- 90 Ave (75 St to 83 St) - Construct E/W left turn lanes at 79 St by widening in NE quadrant
- 91 St SBD (34 Ave to 23 Ave) - Widen eastbound left turn at 23 Ave and 91 St to provide double left turn lane
- 17 St (Whitemud to 76 Ave) - Review potential intersection capacity improvements at 76 Ave and 17 St

Timelines: Components are typically completed over a two year period. Yr 1: concept and design, Yr 2 construct.

Dependencies: Improving traffic safety and operations is a continuous and ongoing process designed to maximize efficient throughput of traffic in and around the City.

Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.

#68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

Intersection improvements at high congestion areas to optimize throughput around and through the City.

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Arterial Network Improvements****FUNDED**PROFILE NUMBER: **12-66-1440**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,138	17,160	16,740	-	-	-	-	-	-	-	-	40,038
	2012 CBS Budget Adjustment	-1,000	-	-	-	-	-	-	-	-	-	-	-1,000
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-3,138	-	-	-	-	-	-	-	-	-	-	-3,138
	2014 Cap Budget Request for Next Cycle	-	-17,160	-16,740	-	-	-	-	-	-	-	-	-33,900
	2014 Cap Carry Forward	-1,404	1,404	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	-189	-	-	-	-	-	-	-	-	-	-189
	Current Approved Budget	596	1,215	-	-	-	-	-	-	-	-	-	1,811
	Approved Funding Sources												
	Developer ARA	596	1,215	-	-	-	-	-	-	-	-	-	1,811
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Current Approved Funding Sources	596	1,215	-	-	-	-	-	-	-	-	-	1,811

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	596	1,215	-	-	-	-	-	-	-	-	-	1,811
	Requested Funding Source												
	Developer ARA	596	1,215	-	-	-	-	-	-	-	-	-	1,811
	Developer Financing	-	-	-	-	-	-	-	-	-	-	-	-
	Requested Funding Source	596	1,215	-	-	-	-	-	-	-	-	-	1,811

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	407	1,215	-	-	-	-	-	-	-	-	-	1,622
	Other Costs	189	-	-	-	-	-	-	-	-	-	-	189
	Total	596	1,215	-	-	-	-	-	-	-	-	-	1,811

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **34 AVE: 34 - 48 ST**  
 PROFILE: **12-66-1443**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>5,140</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>5,140</b>

**PROFILE DESCRIPTION**

## Scope:

This project widens 34 Avenue from 2 lanes to 4 lanes between 34 and 48 Street. This widening helps to accommodate current and future traffic demands in south Edmonton. The project supports a growing commercial, residential area in southeast Edmonton and provides a 4 lane connection from 34 Street to 50 Street. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2012: Detailed design  
 2013: construction

## Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in southeast Edmonton

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **34 Ave: 34 - 48 St****FUNDED**PROFILE NUMBER: **12-66-1443**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,586	-	-	-	-	-	-	-	-	-	-	3,586
	2012 CBS Budget Adjustment	-496	-	-	-	-	-	-	-	-	-	-	-496
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,496	-	-	-	-	-	-	-	-	-	-	2,496
	2014 Cap Carry Forward	26	-26	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	-389	-	-	-	-	-	-	-	-	-	-	-389
	2014 SCBA Within Dept <\$250K	-247	-	-	-	-	-	-	-	-	-	-	-247
	2015 Cap Administrative	-	190	-	-	-	-	-	-	-	-	-	190
	Current Approved Budget	4,976	164	-	-	-	-	-	-	-	-	-	5,140
APPROVED FUNDING SOURCES	Approved Funding Sources												
	Developer ARA	1,303	164	-	-	-	-	-	-	-	-	-	1,467
	Munc Sustain. Initiative - MSI	3,673	-	-	-	-	-	-	-	-	-	-	3,673
	Current Approved Funding Sources	4,976	164	-	-	-	-	-	-	-	-	-	5,140

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,976	164	-	-	-	-	-	-	-	-	-	5,140
	Requested Funding Source												
	Developer ARA	1,303	164	-	-	-	-	-	-	-	-	-	1,467
	Munc Sustain. Initiative - MSI	3,673	-	-	-	-	-	-	-	-	-	-	3,673
	Requested Funding Source	4,976	164	-	-	-	-	-	-	-	-	-	5,140

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-610	164	-	-	-	-	-	-	-	-	-	-446
	Other Costs	5,586	-	-	-	-	-	-	-	-	-	-	5,586
	Total	4,976	164	-	-	-	-	-	-	-	-	-	5,140

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **GUARDIAN RD/LEWIS BLVD:GRANTHAM-POTTER G**  
 PROFILE **12-66-1445**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>11,100</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>11,100</b>

**PROFILE DESCRIPTION**

## Scope:

This project widens Guardian Road from 2 lanes to 4 lanes between Grantham Drive and Suder Greens Drive including intersection improvements at Whitemud Drive. This widening helps to accommodate current and future traffic demands in west Edmonton. The project supports a growing residential area in west Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2012: Detailed design  
 2013: Construction

## Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in west Edmonton providing a connection to Whitemud Drive

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Guardian Rd/Lewis Blvd:Grantham-Potter G****FUNDED**PROFILE NUMBER: **12-66-1445**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,724	-	-	-	-	-	-	-	-	-	-	7,724
	2012 CBS Budget Adjustment	-1,034	-	-	-	-	-	-	-	-	-	-	-1,034
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,334	-	-	-	-	-	-	-	-	-	-	2,334
	2014 Cap Carry Forward	29	-29	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Transfers >\$250K<\$1M	260	-	-	-	-	-	-	-	-	-	-	260
	2014 SCBA Within Dept <\$250K	950	-	-	-	-	-	-	-	-	-	-	950
	2015 Cap Administrative	-	866	-	-	-	-	-	-	-	-	-	866
	Current Approved Budget	10,263	837	-	-	-	-	-	-	-	-	-	11,100
	Approved Funding Sources												
	Developer ARA	2,568	808	-	-	-	-	-	-	-	-	-	3,376
	Developer Financing	971	29	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	6,724	-	-	-	-	-	-	-	-	-	-	6,724
	Current Approved Funding Sources	10,263	837	-	-	-	-	-	-	-	-	-	11,100

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,263	837	-	-	-	-	-	-	-	-	-	11,100
	Requested Funding Source												
	Developer ARA	2,568	808	-	-	-	-	-	-	-	-	-	3,376
	Developer Financing	971	29	-	-	-	-	-	-	-	-	-	1,000
	Munc Sustain. Initiative - MSI	6,724	-	-	-	-	-	-	-	-	-	-	6,724
	Requested Funding Source	10,263	837	-	-	-	-	-	-	-	-	-	11,100

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	1,239	837	-	-	-	-	-	-	-	-	-	2,076
	Other Costs	9,024	-	-	-	-	-	-	-	-	-	-	9,024
	Total	10,263	837	-	-	-	-	-	-	-	-	-	11,100

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **153 AVE: MANNING DR - 50 ST**  
 PROFILE: **12-66-1446**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,862</b>
<b>50</b>	<b>50</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,862</b>

**PROFILE DESCRIPTION**

## Scope:

This project widens 153 Avenue from 2 lanes to 4 lanes between Manning Drive and 50 Street. This widening helps to accommodate current and future traffic demands in Northeast Edmonton. The project supports a growing commercial, residential area in northeast Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2012: Detailed design  
 2013: construction

## Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in northeast Edmonton and it provides a connection to Manning Drive an important penetrator highway in the City.

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **153 Ave: Manning Dr - 50 St****FUNDED**PROFILE NUMBER: **12-66-1446**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,862	-	-	-	-	-	-	-	-	-	-	2,862
	2012 CBS Budget Adjustment	-359	-	-	-	-	-	-	-	-	-	-	-359
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	359	-	-	-	-	-	-	-	-	-	-	359
	2014 Cap Carry Forward	-270	270	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	2,592	270	-	-	-	-	-	-	-	-	-	2,862
	Approved Funding Sources												
	Developer ARA	661	270	-	-	-	-	-	-	-	-	-	931
	Munc Sustain. Initiative - MSI	1,931	-	-	-	-	-	-	-	-	-	-	1,931
	Current Approved Funding Sources	2,592	270	-	-	-	-	-	-	-	-	-	2,862

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	2,592	270	-	-	-	-	-	-	-	-	-	2,862
	Requested Funding Source												
	Developer ARA	661	270	-	-	-	-	-	-	-	-	-	931
	Munc Sustain. Initiative - MSI	1,931	-	-	-	-	-	-	-	-	-	-	1,931
	Requested Funding Source	2,592	270	-	-	-	-	-	-	-	-	-	2,862

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-270	270	-	-	-	-	-	-	-	-	-	-
	Other Costs	2,862	-	-	-	-	-	-	-	-	-	-	2,862
	Total	2,592	270	-	-	-	-	-	-	-	-	-	2,862

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WEST ROSSDALE ROAD ROADWORK**  
 PROFILE: **12-66-1453**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>2,477</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>2,477</b>

**PROFILE DESCRIPTION**

2012 Spring SBA:

#36: Transfer funds of \$10,614 from Business Area 17's West Rosedale profile 08-17-0359 that are in reference to the arterial roadwork. This is required to keep work managed, and maintained, by The Transportation Services Department within the Transportation Capital Budget.

2012 Spring SBA:

#36: Transfer funds of \$10,614 from Business Area 17's West Rosedale profile 08-17-0359 that are in reference to the arterial roadwork. This is required to keep work managed, and maintained, by The Transportation Services Department within the Transportation Capital Budget.

**CHANGES TO APPROVED PROFILE**

#15-50: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **West Rosedale Road Roadwork****FUNDED**PROFILE NUMBER: **12-66-1453**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	8,614	-	-	-	-	-	-	-	-	-	-	8,614
	2012 CBS Budget Adjustment	129	-	-	-	-	-	-	-	-	-	-	129
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-5,629	-	-	-	-	-	-	-	-	-	-	-5,629
	2014 Cap Carry Forward	-1,274	1,274	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	-637	-	-	-	-	-	-	-	-	-	-637
	Current Approved Budget	1,840	637	-	-	-	-	-	-	-	-	-	2,477
	Approved Funding Sources												
	Fuel Rebate	2,892	-2,275	-	-	-	-	-	-	-	-	-	617
REVISSED BUDGET (IF APPROVED)	Munc Sustain. Initiative - MSI	-1,321	2,912	-	-	-	-	-	-	-	-	-	1,591
	Pay-As-You-Go	269	-	-	-	-	-	-	-	-	-	-	269
	Current Approved Funding Sources	1,840	637	-	-	-	-	-	-	-	-	-	2,477

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISSED BUDGET (IF APPROVED)	Revised Budget (if Approved)	1,840	637	-	-	-	-	-	-	-	-	-	2,477
	Requested Funding Source												
	Fuel Rebate	2,892	-2,275	-	-	-	-	-	-	-	-	-	617
	Munc Sustain. Initiative - MSI	-1,321	2,912	-	-	-	-	-	-	-	-	-	1,591
	Pay-As-You-Go	269	-	-	-	-	-	-	-	-	-	-	269
	Requested Funding Source	1,840	637	-	-	-	-	-	-	-	-	-	2,477

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISSED BUDGET (IF APPROVED)	Construction	-1,274	637	-	-	-	-	-	-	-	-	-	-637
	Other Costs	3,114	-	-	-	-	-	-	-	-	-	-	3,114
	Total	1,840	637	-	-	-	-	-	-	-	-	-	2,477

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **91 ST: 25 - 41 AVE SW**  
 PROFILE: **12-66-1454**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME:  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Adam Homes
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LEAD BRANCH MANAGER:	
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ESTIMATED START:	January, 2012
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ESTIMATED COMPLETION:	December, 2015
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>27,391</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>27,391</b>

**PROFILE DESCRIPTION**

Scope: Construction of the first 2 urban lanes of 91 Street on a new alignment connecting the Nisku spine road at 41 Avenue SW directly with the existing 91 Street ending at 25 Avenue SW

Timelines:

2013: Detailed design

2013: Construction

Fall 2012:

#60: Roadwork location that is eligible for the NS Trade Provincial Grant. Still subject to grant approval.

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing industrial/residential areas in southeast Edmonton from the Queen Elizabeth II / 41 Avenue SW interchange.

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CHANGES TO APPROVED PROFILE**

Increased scope of work (additional two lanes) on 91 Street (Ewing Trail) and 41 Avenue SW through coordination agreement with Leduc County (Spine Road project), and disposal of surplus topsoil found to contain a microorganism that causes "Club Root" as required under the Pest Management Act of Alberta. Construction commenced in 2014 with completion scheduled for 2015, and coordinated with the completion of new Queen Elizabeth II / 41 Avenue SW interchange.

#15-50: To re-align funding source related to MSI, Fuel Rebate and Pay-as-you-Go to their appropriate balances.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **91 St: 25 - 41 Ave SW****FUNDED**PROFILE NUMBER: **12-66-1454**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	7,830	-	-	-	-	-	-	-	-	-	-	7,830
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	12,170	-	-	-	-	-	-	-	-	-	-	12,170
	2014 Cap Capital Budget Adj (one-off)	4,050	3,100	-	-	-	-	-	-	-	-	-	7,150
	2014 Cap Carry Forward	-13,870	13,870	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	241	-	-	-	-	-	-	-	-	-	241
	Current Approved Budget	10,180	17,211	-	-	-	-	-	-	-	-	-	27,391
	Approved Funding Sources												
	Developer ARA	861	1,671	-	-	-	-	-	-	-	-	-	2,532
	Developer Financing	-	13,100	-	-	-	-	-	-	-	-	-	13,100
	Fuel Rebate	4,050	-4,050	-	-	-	-	-	-	-	-	-	-

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	10,180	17,211	-	-	-	-	-	-	-	-	-	27,391
	Requested Funding Source												
	Developer ARA	861	1,671	-	-	-	-	-	-	-	-	-	2,532
	Developer Financing	-	13,100	-	-	-	-	-	-	-	-	-	13,100
	Fuel Rebate	4,050	-4,050	-	-	-	-	-	-	-	-	-	-
	Munc Sustain. Initiative - MSI	-1,721	5,771	-	-	-	-	-	-	-	-	-	4,050
	North/South Trade Hwy Grant	6,990	719	-	-	-	-	-	-	-	-	-	7,709
	Requested Funding Source	10,180	17,211	-	-	-	-	-	-	-	-	-	27,391

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-9,820	17,211	-	-	-	-	-	-	-	-	-	7,391
	Other Costs	20,000	-	-	-	-	-	-	-	-	-	-	20,000
	Total	10,180	17,211	-	-	-	-	-	-	-	-	-	27,391

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **23 AVE: 34 ST - MILLWOODS RD EAST**  
 PROFILE: **13-66-1447**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,200</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,200</b>

**PROFILE DESCRIPTION**

## Scope:

This project widens 23 Avenue from 2 lanes to 4 lanes between 34 Street and Mill Woods Road East. This widening helps to accommodate current and future traffic demands in southeast Edmonton. The project supports a growing commercial, residential area in southeast Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2013: Detailed design  
 2014: construction

## Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in southeast Edmonton

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **23 Ave: 34 St - Millwoods Rd East****FUNDED**PROFILE NUMBER: **13-66-1447**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	2,862	-	-	-	-	-	-	-	-	-	-	2,862
	2012 CBS Budget Adjustment	20	-	-	-	-	-	-	-	-	-	-	20
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	740	-	-	-	-	-	-	-	-	-	-	740
	2014 Cap Carry Forward	523	-523	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	-102	-	-	-	-	-	-	-	-	-	-	-102
	2015 Cap Administrative	-	680	-	-	-	-	-	-	-	-	-	680
	Current Approved Budget	4,043	157	-	-	-	-	-	-	-	-	-	4,200
	Approved Funding Sources												
	Developer ARA	2,201	157	-	-	-	-	-	-	-	-	-	2,358
	Munc Sustain. Initiative - MSI	1,842	-	-	-	-	-	-	-	-	-	-	1,842
	Current Approved Funding Sources	4,043	157	-	-	-	-	-	-	-	-	-	4,200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,043	157	-	-	-	-	-	-	-	-	-	4,200
	Requested Funding Source												
	Developer ARA	2,201	157	-	-	-	-	-	-	-	-	-	2,358
	Munc Sustain. Initiative - MSI	1,842	-	-	-	-	-	-	-	-	-	-	1,842
	Requested Funding Source	4,043	157	-	-	-	-	-	-	-	-	-	4,200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	421	157	-	-	-	-	-	-	-	-	-	578
	Other Costs	3,622	-	-	-	-	-	-	-	-	-	-	3,622
	Total	4,043	157	-	-	-	-	-	-	-	-	-	4,200

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **34 ST: 23-34 AVE**  
 PROFILE: **13-66-1448**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,950</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,950</b>

**PROFILE DESCRIPTION**

This project widens 34 Street from 2 lanes to 4 lanes between 23 Avenue to 34 Avenue. This widening helps to accommodate current and future traffic demands in southeast Edmonton. The project supports a growing commercial, residential area in southeast Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2013: Detailed design  
 2014: construction

Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.

#68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in southeast Edmonton

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **34 St: 23-34 Ave****FUNDED**PROFILE NUMBER: **13-66-1448**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	4,000	-	-	-	-	-	-	-	-	-	-	4,000
	2012 CBS Budget Adjustment	27	-	-	-	-	-	-	-	-	-	-	27
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,033	-	-	-	-	-	-	-	-	-	-	2,033
	2014 Cap Carry Forward	-1,201	1,201	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	-201	-	-	-	-	-	-	-	-	-	-	-201
	2015 Cap Administrative	-	-909	-	-	-	-	-	-	-	-	-	-909
	Current Approved Budget	4,658	292	-	-	-	-	-	-	-	-	-	4,950
	Approved Funding Sources												
	Developer ARA	458	292	-	-	-	-	-	-	-	-	-	750
	Munc Sustain. Initiative - MSI	4,200	-	-	-	-	-	-	-	-	-	-	4,200
	Current Approved Funding Sources	4,658	292	-	-	-	-	-	-	-	-	-	4,950

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,658	292	-	-	-	-	-	-	-	-	-	4,950
	Requested Funding Source												
	Developer ARA	458	292	-	-	-	-	-	-	-	-	-	750
	Munc Sustain. Initiative - MSI	4,200	-	-	-	-	-	-	-	-	-	-	4,200
	Requested Funding Source	4,658	292	-	-	-	-	-	-	-	-	-	4,950

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,402	292	-	-	-	-	-	-	-	-	-	-1,110
	Other Costs	6,060	-	-	-	-	-	-	-	-	-	-	6,060
	Total	4,658	292	-	-	-	-	-	-	-	-	-	4,950

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **38 AVE: 21 - 34 ST**  
 PROFILE: **13-66-1449**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>4,555</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>4,555</b>

**PROFILE DESCRIPTION**

## Scope:

This project widens 38 Avenue from 2 lanes to 4 lanes between 34 Street and 21 Street. This widening helps to accommodate current and future traffic demands in southeast Edmonton. The project supports a growing commercial, residential area in southeast Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

## Timelines:

2013: Detailed design  
 2014: construction

## Fall 2012 SBA

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in southeast Edmonton

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **38 Ave: 21 - 34 St****FUNDED**PROFILE NUMBER: **13-66-1449**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	3,572	-	-	-	-	-	-	-	-	-	-	3,572
	2012 CBS Budget Adjustment	52	-	-	-	-	-	-	-	-	-	-	52
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	2,158	-	-	-	-	-	-	-	-	-	-	2,158
	2014 Cap Carry Forward	-970	970	-	-	-	-	-	-	-	-	-	-
	2014 SCBA Within Dept <\$250K	-400	-	-	-	-	-	-	-	-	-	-	-400
	2015 Cap Administrative	-	-827	-	-	-	-	-	-	-	-	-	-827
	Current Approved Budget	4,412	143	-	-	-	-	-	-	-	-	-	4,555
	Approved Funding Sources												
	Developer ARA	2,262	143	-	-	-	-	-	-	-	-	-	2,405
	Munc Sustain. Initiative - MSI	2,150	-	-	-	-	-	-	-	-	-	-	2,150
	Current Approved Funding Sources	4,412	143	-	-	-	-	-	-	-	-	-	4,555

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	4,412	143	-	-	-	-	-	-	-	-	-	4,555
	Requested Funding Source												
	Developer ARA	2,262	143	-	-	-	-	-	-	-	-	-	2,405
	Munc Sustain. Initiative - MSI	2,150	-	-	-	-	-	-	-	-	-	-	2,150
	Requested Funding Source	4,412	143	-	-	-	-	-	-	-	-	-	4,555

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-1,370	143	-	-	-	-	-	-	-	-	-	-1,227
	Other Costs	5,782	-	-	-	-	-	-	-	-	-	-	5,782
	Total	4,412	143	-	-	-	-	-	-	-	-	-	4,555

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **VICTORIA TRAIL: 153 AVE TO AHD**  
 PROFILE: **13-66-1614**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth - ARA Funded**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>100</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>100</b>

**PROFILE DESCRIPTION**

## Scope:

This is a new roadway that connects 153 Avenue through Anthony Henday Drive as a flyover/overpass connecting to 18 Street. The project includes property acquisition, design and construction.

## Timelines:

2015: Design

2016: Construction

Dependencies: The project is linked to the Northeast Anthony Henday Drive project which is scheduled to be completed in 2016.

## Fall 2012:

#69: Initial funding required from 06-66-1612 for future land dedication Victoria Trail: 153 Ave to AHD.

**PROFILE JUSTIFICATION**

With the construction of the Northeast Leg of Anthony Henday Drive there will be closures to existing road networks (167 Avenue, 18 Street) serving the communities in Northeast Edmonton. Victoria Trail provides a vital connection to these severed roadways north and south of Anthony Henday Drive.

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Victoria Trail: 153 Ave to AHD****FUNDED**PROFILE NUMBER: **13-66-1614**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2012 CBS Budget Adjustment	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	100	-	-	-	-	-	-	-	-	-	-	100
	2014 Cap Carry Forward	-15	15	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	85	15	-	-	-	-	-	-	-	-	-	100
	Approved Funding Sources												
	Developer ARA	85	15	-	-	-	-	-	-	-	-	-	100
	Current Approved Funding Sources	85	15	-	-	-	-	-	-	-	-	-	100

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	85	15	-	-	-	-	-	-	-	-	-	100
	Requested Funding Source												
	Developer ARA	85	15	-	-	-	-	-	-	-	-	-	100
	Requested Funding Source	85	15	-	-	-	-	-	-	-	-	-	100

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-15	15	-	-	-	-	-	-	-	-	-	-
	Other Costs	100	-	-	-	-	-	-	-	-	-	-	100
	Total	85	15	-	-	-	-	-	-	-	-	-	100

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **184 ST: 107 - 116 AVE**  
 PROFILE: **14-66-1452**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2012**  
 ESTIMATED COMPLETION: **December, 2016**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>205</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>205</b>

**PROFILE DESCRIPTION****Scope:**

This project widens 184 Street from 2 lanes to 4 lanes between 116 Avenue and 107 Avenue. This widening helps to accommodate current and future traffic demands in northwest Edmonton. The project supports a growing commercial, industrial area in northwest Edmonton. Current traffic volumes warrant a 4 lane roadway and the project includes budget for design and construction.

**Timelines:**

2014: Detailed design  
 2015: Construction

**Fall 2012 SBA**

#66: Council approved funding in 2015 was incorrectly added to single road widening projects. The funding should be within the composite.  
 #68: Funding listed as Developer Financing is actually Developer Arterial Roadway Assessment Recoveries (ARA).

**PROFILE JUSTIFICATION**

The arterial road is an important arterial connection serving the developing commercial residential areas in south Edmonton

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Correct profiles with MSI funding less than 1M. Swap MSI/GF with 14-66-1041. (part of CR\_2881 Attachment 3, page 5 Ref# 11)



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **184 St: 107 - 116 Ave****FUNDED**PROFILE NUMBER: **14-66-1452**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	6,673	-	-	-	-	-	-	-	-	-	-	6,673
	2012 CBS Budget Adjustment	31	-	-	-	-	-	-	-	-	-	-	31
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	-6,573	-	-	-	-	-	-	-	-	-	-	-6,573
	2014 Cap Carry Forward	74	-74	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	74	-	-	-	-	-	-	-	-	-	74
	Current Approved Budget	205	-	-	-	-	-	-	-	-	-	-	205
	Approved Funding Sources												
	Developer ARA	180	-	-	-	-	-	-	-	-	-	-	180
BUDGET REQUEST	Munc Sustain. Initiative - MSI	25	-25	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	25	-	-	-	-	-	-	-	-	-	25
	Current Approved Funding Sources	205	-	-	-	-	-	-	-	-	-	-	205

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	205	-	-	-	-	-	-	-	-	-	-	205
	Requested Funding Source												
	Developer ARA	180	-	-	-	-	-	-	-	-	-	-	180
	Munc Sustain. Initiative - MSI	25	-25	-	-	-	-	-	-	-	-	-	-
	Pay-As-You-Go	-	25	-	-	-	-	-	-	-	-	-	25
	Requested Funding Source	205	-	-	-	-	-	-	-	-	-	-	205

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	74	-	-	-	-	-	-	-	-	-	74
	Design	74	-74	-	-	-	-	-	-	-	-	-	-
	Other Costs	131	-	-	-	-	-	-	-	-	-	-	131
	Total	205	-	-	-	-	-	-	-	-	-	-	205

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: 17 ST NE: CNR TO AURUM ROAD  
 PROFILE: 14-66-1616  
 DEPARTMENT: Transportation Services  
 BRANCH: Transportation Planning  
 PROGRAM NAME: Arterial Growth - ARA Funded  
 LEAD BRANCH:  
 BUDGET CYCLE: 2015-2018 run for 2015

**FUNDED**  
 PROFILE STAGE: Approved  
 PROFILE TYPE: Standalone  
 PROFILE MANAGER: Adam Homes  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: January, 2013  
 ESTIMATED COMPLETION: December, 2015

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>100</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>100</b>

**PROFILE DESCRIPTION**

The 17 Street NE project includes the construction of the first two lanes of the ultimate 17 Street NE alignment between Aurum Road and the CN railway crossing. As part of the NE AHD P3 work, the Province will construct upgrades to the 17 Street NE/Yellowhead Trail interchange, which will tie in to the existing 17 Street NE alignment at the CN railway crossing.

**Scope:**

Land acquisition will be required for this project to accommodate the new roadway alignment. Work will include preliminary and detailed design, tendering, and construction. Work is anticipated to occur over one to two construction seasons to construct the new roadway alignment, including grading, granular base course, curb and gutter and asphalt paving, and install the necessary drainage, street lighting, and signalization infrastructure. Construction of sidewalks, bus stops, and curb ramps is also included.

**Out of Scope:**

Landscaping is not included as a part of this project.

**PROFILE BACKGROUND**

As part of the supporting work for the North East Anthony Henday Drive (NE AHD) P3 project, the City is proposing the construction of the first stage of the Aurum Road alignment under 13-66-1615. Further work being completed as part of the NE AHD P3 project includes the construction of an upgraded interchange at 17 Street and Yellowhead Trail, which will include improvements to 17 Street NE between Yellowhead Trail and the CN railway crossing.

The concept plans for the area call for the upgrading and realignment of 17 Street NE between Aurum Road and the CN railway crossing. This realignment will eliminate the existing 17 Street NE creek crossing crossing, while improving the intersection angle between 17 Street NE and Aurum Road.

The concept plans completed for the roadway in 2011 identify 17 Street NE as a four lane divided arterial roadway.

The costs associated with constructing the first two lanes of 17 Street NE are recoverable under the ARA bylaw for the Aurum area.

**PROFILE JUSTIFICATION**

With construction of upgrades to the 17 Street NE/Yellowhead Trail interchange, as well as proposed construction of the first stage of Aurum Road under 13-66-1615, upgrades are needed to 17 Street NE in order to construct the ultimate roadway alignment. This work represents a long-term investment and may serve as a catalyst for development in the area. Furthermore, costs associated with the construction of 17 Street NE are recoverable under the ARA bylaw for the Aurum area.

**Anticipated Outcomes:**

Construction of the new alignment will connect to the work being completed as part of the NE AHD P3 project with the existing Aurum Road alignment to the east, and will maintain access to a developing area.

**Urgency of Need:**

The NE AHD project will create a new interchange at Anthony Henday Drive and 130 Avenue (Aurum Road), which will create a missing link of Aurum Road between 9 Avenue NE and approximately 17 Street NE that will be constructed as part of profile 13-66-1615.

**STRATEGIC ALIGNMENT**

The project directly supports the Way We Move.

The project also indirectly supports the Way We Grow by supporting prosperity through improving access to developing industrial areas within the City in the Aurum Industrial areas.

# CAPITAL PROFILE REPORT

## ALTERNATIVES CONSIDERED

There are two alternatives available to the City with respect to the project: do not construct upgrades to 17 Street NE (the do nothing option) or construct the first two lane stage of 17 Street between Aurum Road and the CN railway crossing.

In this case, the first alternative (the do nothing option) would result in the existing rural road connection of 17 Street being retained. Upgrades will be required at Aurum Road to facilitate improved intersection geometry, and will represent a throw-away costs as the 17 Street alignment will be shifted with future development.

The alternative is construct the first two lanes of the ultimate 17 Street alignment from the CN crossing to the future Aurum Road. This would facilitate development of the adjacent industrial land uses by providing an important improved arterial roadway connection to Yellowhead Trail. Furthermore, the costs associated with construction would be recoverable through the ARA bylaw for the Aurum Industrial area.

## COST BENEFITS

The tangible benefits of constructing the first stage of 17 Street NE include decreased travel time due to lower congestion and higher roadway capacity and decreased collision rates due to decreased congestion, as well as decreased emissions along the corridor.

The intangible benefits include improved citizen satisfaction with roadway capacity in the area and a decrease in motorist frustration due to decreased congestion.

## KEY RISKS & MITIGATING STRATEGY

The key risk is the time and cost that is associated with the land acquisition, which can be mitigated through opportunity purchases and redevelopment conditions if the opportunity arises.

## RESOURCES

The design phase can be completed internally using City resources or can be contracted to an external Consultant via a tender process. The construction phase will require an external Contractor selected through a tender process.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that funding for this project be approved. This project will permit for the design and construction of the first two urban lanes of 17 Street between the CN crossing and Aurum Road and will provide an important connection to area.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **17 St NE: CNR to Aurum Road****FUNDED**PROFILE NUMBER: **14-66-1616**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	100	-	-	-	-	-	-	-	-	-	-	100
	2014 Cap Carry Forward	-100	100	-	-	-	-	-	-	-	-	-	-
	Current Approved Budget	-	100	-	-	-	-	-	-	-	-	-	100
	Approved Funding Sources												
	Developer ARA	-	100	-	-	-	-	-	-	-	-	-	100
	Current Approved Funding Sources	-	100	-	-	-	-	-	-	-	-	-	100

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	100	-	-	-	-	-	-	-	-	-	100
	Requested Funding Source												
	Developer ARA	-	100	-	-	-	-	-	-	-	-	-	100
	Requested Funding Source	-	100	-	-	-	-	-	-	-	-	-	100

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-100	100	-	-	-	-	-	-	-	-	-	-
	Other Costs	100	-	-	-	-	-	-	-	-	-	-	100
	Total	-	100	-	-	-	-	-	-	-	-	-	100

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **153 AVE: FORT RD TO 18 ST NW**  
 PROFILE: **15-66-1617**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Arterial Growth**  
 LEAD BRANCH:  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**  
 PROFILE STAGE: **Approved**  
 PROFILE TYPE: **Standalone**  
 PROFILE MANAGER: **Adam Homes**  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: **January, 2013**  
 ESTIMATED COMPLETION: **December, 2015**

Service Category: <b>Roads</b>		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	<b>401</b>
<b>100</b>		BUDGET REQUEST:	<b>-</b>
		TOTAL PROFILE BUDGET:	<b>401</b>

**PROFILE DESCRIPTION**

The 153 Avenue project includes the widening of the existing two lane urban roadway to a four lane divided urban arterial standard between Anthony Henday Drive and Fort Road. As part of the P3 work, the province will construct a new interchange at 153 Avenue and Anthony Henday Drive, and construct a four lane divided arterial standard roadway within the TUC. Upgrades required to the adjacent roadway network are the responsibility of the City.

**Scope:**

Land acquisition will not be required for this project. Work will include preliminary and detailed design, tendering, and construction. Work is anticipated to occur over one to two construction seasons to construct the new roadway alignment, including grading, granular base course, curb and gutter and asphalt paving, and install the necessary drainage, street lighting, and signalization infrastructure. Construction of sidewalks, bus stops, and curb ramps is also included.

**Out of Scope:**

Landscaping is not included.

**PROFILE BACKGROUND**

As part of the work included in the North East Anthony Henday Drive (NE AHD) P3 project, the 153 Avenue crossing of the Transportation Utility Corridor (TUC) will be relocated to a new interchange along an extension of the existing alignment of 153 Avenue west of 18 Street. This new interchange will consolidate the current east-west crossings of the TUC at 167 Avenue and 153 Avenue, and include a four lane divided arterial through the TUC. 153 Avenue will become the only access point to and from Anthony Henday Drive between Manning Drive and the North Saskatchewan River. The existing 153 Avenue road right of way in the Fraser neighbourhood will be closed and incorporated in to the residential development in the area. The NE AHD P3 work is anticipated to be completed by 2016.

Costs associated with widening of 153 Avenue to a four lane divided arterial standard are recoverable under the ARA bylaw for the Ebbers and Gorman area.

**PROFILE JUSTIFICATION**

With construction of a new interchange at Anthony Henday Drive and 153 Avenue as part of the NE AHD P3 project, the province will construct 153 Avenue within the TUC to a four lane divided arterial standard along an alignment that forms an extension of 153 Avenue west of 18 Street. 153 Avenue will become the only connection to and from Anthony Henday Drive between Manning Drive and the North Saskatchewan River crossing, and it is anticipated that traffic volumes along the corridor will increase with completion of the NE AHD P3 project. Without the proposed improvements, 153 Avenue will alternate between a four lane divided arterial standard roadway west of Fort Road, a two lane roadway between Fort Road and the TUC, and a four lane divided arterial standard roadway within the TUC, creating a bottleneck along the two lane portion of the alignment. Furthermore, costs associated with the construction of 153 Avenue widening are recoverable under the ARA bylaw for the Gorman area.

**STRATEGIC ALIGNMENT**

The project directly supports the Way We Move.

**ALTERNATIVES CONSIDERED**

There are two alternatives available to the City with respect to the project: retain the existing 153 Avenue configuration with no upgrades (the do nothing option) or construct the widening of 153 Avenue to a four lane divided arterial standard between Fort Road and the TUC.

In this case, the first alternative (the do nothing option) would result in a bottleneck along 153 Avenue, as the roadway west of Fort Road has been constructed to a four lane divided arterial standard, and the Province will construct 153 Avenue within the TUC to a four lane standard. As the 153 Avenue interchange will be the only access point to Anthony Henday Drive between Manning Drive and the river, traffic volumes along 153 Avenue are anticipated to increase.

The alternative is to widen 153 Avenue to a four lane divided arterial standard to provide additional capacity. The costs associated with constructing the widening would be recoverable through the ARA bylaw for the Ebbers & Gorman area.

# CAPITAL PROFILE REPORT

## COST BENEFITS

The tangible benefits of constructing the widening of 153 Avenue include decreased travel time due to lower congestion and higher roadway capacity and decreased collision rates due to decreased congestion, as well as decreased emissions along the corridor.

The intangible benefits include improved citizen satisfaction with roadway capacity in the area and a decrease in motorist frustration due to decreased congestion.

## KEY RISKS & MITIGATING STRATEGY

There are no risks directly associated with this project.

## RESOURCES

The design phase can be completed internally using City resources or can be contracted to an external Consultant via a tender process. The construction phase will require an external Contractor selected through a tender process.

## CONCLUSIONS AND RECOMMENDATIONS

It is recommended that funding for this project be approved. This project will permit for the design and construction of the widening of 153 Avenue between 18 Street and Fort Road.

## CHANGES TO APPROVED PROFILE

#15-41-8: Funding swap between 14-66-1041 and 09-66-1480 to facilitate the transfer of funds to 15-66-1617 and 15-66-1618.  
Project design work tendered out and costs came in higher than estimated for 15-66-1618.  
Additional design work required for 15-66-1617.

**CAPITAL PROFILE REPORT**

Profile Page 3

PROFILE NAME: **153 Ave: Fort Rd to 18 St NW****FUNDED**PROFILE NUMBER: **15-66-1617**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	100	-	-	-	-	-	-	-	-	-	-	100
	2014 Cap Carry Forward	51	-51	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	250	-	-	-	-	-	-	-	-	-	250
	2015 Cap Council	-	51	-	-	-	-	-	-	-	-	-	51
	Current Approved Budget	151	250	-	-	-	-	-	-	-	-	-	401
	Approved Funding Sources												
	Developer ARA	151	-	-	-	-	-	-	-	-	-	-	151
BUDGET REQUEST	Pay-As-You-Go	-	250	-	-	-	-	-	-	-	-	-	250
	Current Approved Funding Sources	151	250	-	-	-	-	-	-	-	-	-	401

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	151	250	-	-	-	-	-	-	-	-	-	401
	Requested Funding Source												
	Developer ARA	151	-	-	-	-	-	-	-	-	-	-	151
	Pay-As-You-Go	-	250	-	-	-	-	-	-	-	-	-	250
	Requested Funding Source	151	250	-	-	-	-	-	-	-	-	-	401

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	51	-	-	-	-	-	-	-	-	-	-	51
	Design	-	250	-	-	-	-	-	-	-	-	-	250
	Other Costs	100	-	-	-	-	-	-	-	-	-	-	100
	Total	151	250	-	-	-	-	-	-	-	-	-	401

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: 17 ST NW: 76 AVE - SHER. PARK FWY  
 PROFILE: 15-66-1618  
 DEPARTMENT: Transportation Services  
 BRANCH: Transportation Planning  
 PROGRAM NAME: Arterial Growth - ARA Funded  
 LEAD BRANCH:  
 BUDGET CYCLE: 2015-2018 run for 2015

**FUNDED**

PROFILE STAGE: Approved  
 PROFILE TYPE: Standalone  
 PROFILE MANAGER: Adam Homes  
 LEAD BRANCH MANAGER:  
 ESTIMATED START: January, 2013  
 ESTIMATED COMPLETION: December, 2015

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>200</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>200</b>

**PROFILE DESCRIPTION**

This project will extend the widening of 17 Street south of 76 Avenue from the existing limits set by the Province just south of Sherwood Park Freeway. The scope of work includes widening from 2 to 4 lanes through the 76 Avenue intersection. Land acquisition is required to accommodate this project. Work is as per the recently finished concept plan for 17 Street

Timelines:  
 2014: Design  
 2015: Construction

Dependencies: The project is linked to the Northeast Anthony Henday Drive project which is scheduled to be completed in 2016.

**PROFILE JUSTIFICATION**

Alignment: - The Way We Move: Goal of Enhanced Access and Mobility.

Development of the City's arterial road and trail network adjacent to the Ring Road needs to be coordinated with the Provincial construction of the Ring Road, to ensure appropriate and adequate connections.

Edmonton's regional neighbours have agreed that construction of Anthony Henday Drive is the highest regional transportation priority.

Impact on Operating:  
 Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

**CHANGES TO APPROVED PROFILE**

#15-41-8: Funding swap between 14-66-1041 and 09-66-1480 to facilitate the transfer of funds to 15-66-1617 and 15-66-1618.  
 Project design work tendered out and costs came in higher than estimated for 15-66-1618.  
 Additional design work required for 15-66-1617.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **17 St NW: 76 Ave - Sher. Park FWY****FUNDED**PROFILE NUMBER: **15-66-1618**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	100	-	-	-	-	-	-	-	-	-	-	100
	2014 Cap Carry Forward	-100	100	-	-	-	-	-	-	-	-	-	-
	2015 Cap Administrative	-	100	-	-	-	-	-	-	-	-	-	100
	Current Approved Budget	-	200	-	-	-	-	-	-	-	-	-	200
	Approved Funding Sources												
	Developer ARA	-	100	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go	-	100	-	-	-	-	-	-	-	-	-	100
	Current Approved Funding Sources	-	200	-	-	-	-	-	-	-	-	-	200

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	200	-	-	-	-	-	-	-	-	-	200
	Requested Funding Source												
	Developer ARA	-	100	-	-	-	-	-	-	-	-	-	100
	Pay-As-You-Go	-	100	-	-	-	-	-	-	-	-	-	100
	Requested Funding Source	-	200	-	-	-	-	-	-	-	-	-	200

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-100	100	-	-	-	-	-	-	-	-	-	-
	Design	-	100	-	-	-	-	-	-	-	-	-	100
	Other Costs	100	-	-	-	-	-	-	-	-	-	-	100
	Total	-	200	-	-	-	-	-	-	-	-	-	200

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	GLASTONBURY STAGE 27 OUTSTANDING DEVELOPER COMMITMENT	<b>FUNDED</b>
PROFILE	15-66-2122	PROFILE STAGE: Approved
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Planning	PROFILE MANAGER: Adam Homes
PROGRAM NAME:		LEAD BRANCH MANAGER: Barry Belcourt
LEAD BRANCH:	Roads Design & Construction	ESTIMATED START: November, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2016

Service Category:	Roads	Major Initiative:	
GROWTH	RENEWAL	PREVIOUSLY APPROVED:	2,144
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	2,144

**PROFILE DESCRIPTION**

Glastonbury Stage 27 includes the completion of outstanding work in support of development, including Guardian Road improvements, street and walkway lighting, emergency access walkway, stormwater management facility expansion and walkways, separate sidewalk, landscaping, and fencing.

**PROFILE BACKGROUND**

Glastonbury Stage 27 was a project started in 2008 by a first-time developer. The servicing agreement for this work was signed by a company that has since gone bankrupt. The Letter of Credit for the work was cashed to fund the outstanding commitments.

**PROFILE JUSTIFICATION**

Construction of the outstanding work is anticipated to benefit the surrounding development and residents. Improvements to Guardian Road will improve turn movements for drivers, sidewalk and lighting improvements will improve area walkability, and other improvements are anticipated to improve area stormwater management and emergency access for the surrounding development.

**STRATEGIC ALIGNMENT**

This profile contributes to corporate outcome "The City of Edmonton has sustainable and accessible infrastructure" as it provides infrastructure in the Glastonbury area, for safe, efficient access and mobility for residents, drivers and pedestrians.

**ALTERNATIVES CONSIDERED**

Construction of the outstanding work is required to complete a past Developer commitment in support of Glastonbury Stage 27 development. The alternative is to maintain the existing unfinished state of the area and defer the work until further future development occurs. Incomplete sidewalks, lighting, and roadway infrastructure will continue to inconvenience existing residents.

**COST BENEFITS**

Benefits of this project include improved traffic flow on Guardian Road for access and egress to this development, improved stormwater management, improved safety, enhanced pedestrian accommodation, and improved resident satisfaction.

**KEY RISKS & MITIGATING STRATEGY**

The Letter of Credit for this work was issued several years ago and it is possible the cost of the work may exceed budget. If so, the scope of work will be adjusted and items removed will be wrapped into future area development requirements.

**RESOURCES**

This project will require an external design consultant and an external contractor to complete the construction. A letter of credit in the amount of \$2.1M has been received to fund this project.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this project be approved to complete this long outstanding developer commitment utilizing the full value of the Letter of Credit.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Glastonbury Stage 27 Outstanding Developer Commitment****FUNDED**PROFILE NUMBER: **15-66-2122**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Current Approved Budget	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Approved Funding Sources												
	Developer Financing	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Current Approved Funding Sources	-	250	1,894	-	-	-	-	-	-	-	-	2,144

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Requested Funding Source												
	Developer Financing	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Requested Funding Source	-	250	1,894	-	-	-	-	-	-	-	-	2,144

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	250	1,894	-	-	-	-	-	-	-	-	2,144
	Total	-	250	1,894	-	-	-	-	-	-	-	-	2,144

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **WHITEMUD DRIVE (66-17 STREET) WIDENING**  
 PROFILE: **15-66-2212**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Goods Movement Corridors - Growth**  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Adam Homes
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LEAD BRANCH MANAGER:	Barry Belcourt
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2017
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Service Category:	Roads
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Major Initiative:	
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GROWTH
100

RENEWAL

PREVIOUSLY APPROVED:	27,836
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	27,836
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**PROFILE DESCRIPTION**

Widening of the existing four lane Freeway to a six lane freeway configuration between 66 Street and 17 Street, with auxiliary lanes between 66th street and 50th street.

**PROFILE BACKGROUND**

Increasing traffic demand along Whitemud Drive and rising collision statistics are necessitating widening of the corridor from the existing four lane configuration to a six lane standard between 66 Street and 17 Street. This is based on the perspective of both traffic volume and road safety. Traffic volumes along the roadway are exceeding capacity, resulting in congestion and increased collision rates.

Currently, Whitemud Drive is tentatively scheduled for rehabilitation in 2015. Funding of this profile would permit for the widening to occur coincident with the rehabilitation, minimizing duplicate costs associated with rework, and decreasing motorist frustrations due to consecutive construction interruptions.

**PROFILE JUSTIFICATION**

This section of Whitemud Drive has been identified as a priority location of widening from a traffic volume and road user safety perspective. Rehabilitation of Whitemud Drive in this area is tentatively scheduled to occur in 2015. In order to minimize traffic disruptions and throw-away costs, it would be desirable that the widening and rehabilitation programs occur simultaneously as part of a single project.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving access and mobility for commuters. By improving capacity and decreasing congestion, this project will improve Edmontonians' ability to move efficiently through the City.

**ALTERNATIVES CONSIDERED**

Upgrades and improvements are required to accommodate growth. The alternative would be to maintain the existing roadway infrastructure as-is, which is currently at capacity, and is expected to become insufficient to handle projected traffic demand.

**COST BENEFITS**

Tangible benefits include decrease travel time, decreased collision rates, and decreased emissions. Intangible benefits include maintained or improved citizen satisfaction with roadway capacity in the area.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

The project will require an external Contractor to complete construction. The contractor will be selected through a tender process.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this improvement project be approved to increase roadway capacity and decrease congestion in the area.

**CHANGES TO APPROVED PROFILE**

Textual changes have been made to the profile to clearly describe the scope for this approved profile. The changes reflect that the six lane freeway configuration will be from 66 street to 17 street. There is no additional request for funding, and this change merely documents the original contemplated scope during Council deliberations.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Whitemud Drive (66-17 Street) Widening****FUNDED**PROFILE NUMBER: **15-66-2212**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	16,083	13,905	3,348	-	-	-	-	-	-	-	33,336
	2015 Cap Council	-	-5,500	-	-	-	-	-	-	-	-	-	-5,500
	Current Approved Budget	-	10,583	13,905	3,348	-	-	-	-	-	-	-	27,836
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	10,583	2,003	-	-	-	-	-	-	-	-	12,586
	Pay-As-You-Go	-	-	652	-	-	-	-	-	-	-	-	652
	Tax-Supported Debt	-	-	11,250	3,348	-	-	-	-	-	-	-	14,598
	Current Approved Funding Sources	-	10,583	13,905	3,348	-	-	-	-	-	-	-	27,836

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	10,583	13,905	3,348	-	-	-	-	-	-	-	27,836
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	10,583	2,003	-	-	-	-	-	-	-	-	12,586
	Pay-As-You-Go	-	-	652	-	-	-	-	-	-	-	-	652
	Tax-Supported Debt	-	-	11,250	3,348	-	-	-	-	-	-	-	14,598
	Requested Funding Source	-	10,583	13,905	3,348	-	-	-	-	-	-	-	27,836

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	8,383	13,905	3,348	-	-	-	-	-	-	-	25,636
	Design	-	2,200	-	-	-	-	-	-	-	-	-	2,200
	Total	-	10,583	13,905	3,348	-	-	-	-	-	-	-	27,836

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2017				2018				2019				2020			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	30	30	-	-	90	90	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	30	30	-	-	90	90	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **FORT ROAD LAND**  
 PROFILE: **15-66-2225**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME:  
 LEAD BRANCH: **Roads Design & Construction**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Standalone
PROFILE MANAGER:	Adam Homes
LEAD BRANCH MANAGER:	Barry Belcourt
ESTIMATED START:	January, 2015
ESTIMATED COMPLETION:	December, 2015

Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>1,114</b>
	<b>100</b>	<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>1,114</b>

**PROFILE DESCRIPTION**

This profile is to acquire land for the future road widening of Fort Road. This land was identified as required for this widening in previous concept plan work completed in 1989 and 2007. The concept plan has not been approved but nevertheless, approval was given for the land purchase and exchange in 2005 with a subsequent sale of land agreement date of March 14, 2006. However, since that time no further action has been undertaken and the completion of this agreement has not occurred. Since 2006, there have been annual extensions to this agreement but as of recent the seller has stated he won't agree to another extension.

**PROFILE BACKGROUND**

The existing Fort Road is 4 lanes undivided between Yellowhead Trail and 66 Street. The underpass within this section has a substandard clearance and had over height collisions. Protection is being installed at this location until the future widening is completed. A concept plan was originally completed in 1989 to widen Fort Road to 6 lanes divided and to create a standard clearance to the rail structure. In 2007 the plan was updated but was never approved. In 2005, a Land Exchange Agreement was reached to acquire the land in question (\$1,780,000). As per the Land Exchange Agreement a City owned parcel of land was transferred to the owner (\$400,000). In March 2006, the City sold the owner a second parcel of land (\$266,000) in order to reduce the balance outstanding to \$1,114,000. Since the original Land Exchange periodic extension agreements have been reached with the owner. The owner has indicated he will not permit another extension and there is a need to complete this transaction.

**PROFILE JUSTIFICATION**

This profile is required in order to complete the land sale agreement prior to the renewal period, in which once expired, the land owner has stated he will not extend the agreement. This land is required for future Fort Road Widening.

**STRATEGIC ALIGNMENT**

The land purchase is aligned with the Way We Move. These improvements will ensure well-maintained infrastructure, efficient goods movement and increased capacity along the Fort Road corridor.

**ALTERNATIVES CONSIDERED**

The proposed land purchase will ensure that future widening of Fort Road could occur. The alternative would be to not complete the purchase of the property and forfeit the City's current investment in the land. As well, when the widening is required the land may not be available for sale or would be at a much higher price. This would in-turn negatively impact the future Fort Road project budget and completion timelines.

**COST BENEFITS**

The profile will result in a tangible asset to the City of Edmonton of the land and any existing structures on the purchased land. Other tangible benefits once Fort Road is widened include decreased collisions, decreased travel time (less congestion) and decreased emissions.

**KEY RISKS & MITIGATING STRATEGY**

The risk would be to not complete the property purchase prior to the current extension expiring. This profile has been created to ensure funds are available prior to contract expiry in order to complete the transaction in a timely manner.

**RESOURCES**

There are no external consultants required for this. Internal staff time for survey and legal fees would be required but would come from the existing Operating budget.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for this profile be approved in order to complete the Sale of Land prior to the current contract expiry. This land is required for the future road widening of Fort Road.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **FORT ROAD LAND****FUNDED**PROFILE NUMBER: **15-66-2225**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	-
	2015 Cap Council	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Current Approved Budget	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Approved Funding Sources												
	Pay-As-You-Go	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Current Approved Funding Sources	-	1,114	-	-	-	-	-	-	-	-	-	1,114

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Requested Funding Source												
	Pay-As-You-Go	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Requested Funding Source	-	1,114	-	-	-	-	-	-	-	-	-	1,114

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Land	-	1,114	-	-	-	-	-	-	-	-	-	1,114
	Total	-	1,114	-	-	-	-	-	-	-	-	-	1,114

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	NE-AHD PEDESTRIAN BRIDGE (FUNDING ONLY; PROVINCIAL PROJECT)	<b>FUNDED</b>
PROFILE	16-66-2610	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Planning	PROFILE MANAGER: Adam Homes
PROGRAM NAME:	Active Modes	LEAD BRANCH MANAGER: Adam Homes
LEAD BRANCH:	Transportation Planning	ESTIMATED START: January, 2016
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: December, 2016

Service Category:	Roads	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	2,000
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	2,000

**PROFILE DESCRIPTION**

Funding for the pedestrian bridge associated with the Northeast Anthony Henday project under construction by the Province.

**PROFILE BACKGROUND**

The Province of Alberta is constructing the Northeast Anthony Henday including a crossing of the North Saskatchewan River. At the City's request, the Province is including the construction of a pedestrian river crossing which will be constructed under one of the roadway bridges. The City of Edmonton has committed to funding a portion of the pedestrian connection. As the pedestrian bridge will be a Provincial facility, funding for this project represents an operational expense funded through a capital profile.

**PROFILE JUSTIFICATION**

Funding commitment by the City of Edmonton was made for the pedestrian bridge as part of the Province's Regional Priority Northeast Anthony Ring Road.

**STRATEGIC ALIGNMENT**

This project aligns with the Way We Move by improving access and mobility.

**ALTERNATIVES CONSIDERED**

Alternatives were reviewed during the concept planning phase of the Northeast Anthony Henday completed by the Province of Alberta.

**COST BENEFITS**

Tangible benefits include providing a crossing of a major barrier to active transportation. Intangible benefits include improved health and increased safety for residents of Northeast Edmonton.

**KEY RISKS & MITIGATING STRATEGY**

None.

**RESOURCES**

Construction is underway and being managed by the Province. Only funding is required from the City.

**CONCLUSIONS AND RECOMMENDATIONS**

That funding for the City's commitment to the pedestrian bridge as part of the Province's Northeast Anthony Henday Drive project be approved.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **NE-AHD Pedestrian Bridge (funding only; Provincial project)****FUNDED**PROFILE NUMBER: **16-66-2610**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Current Approved Budget	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	-	1,700	-	-	-	-	-	-	-	-	1,700
	Pay-As-You-Go	-	-	300	-	-	-	-	-	-	-	-	300
	Current Approved Funding Sources	-	-	2,000	-	-	-	-	-	-	-	-	2,000

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	-	1,700	-	-	-	-	-	-	-	-	1,700
	Pay-As-You-Go	-	-	300	-	-	-	-	-	-	-	-	300
	Requested Funding Source	-	-	2,000	-	-	-	-	-	-	-	-	2,000

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	-	2,000	-	-	-	-	-	-	-	-	2,000
	Total	-	-	2,000	-	-	-	-	-	-	-	-	2,000

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME:	83 AVENUE BIKEWAY (MILL CREEK RAVINE TO 112 STREET)	<b>FUNDED</b>
PROFILE	16-66-2612	PROFILE STAGE: Post Budget Approval
DEPARTMENT:	Transportation Services	PROFILE TYPE: Standalone
BRANCH:	Transportation Planning	PROFILE MANAGER: Adam Homes
PROGRAM NAME:	Active Modes	LEAD BRANCH MANAGER: Adam Homes
LEAD BRANCH:	Transportation Planning	ESTIMATED START: January, 2015
BUDGET CYCLE:	2015-2018 run for 2015	ESTIMATED COMPLETION: January, 2016

Service Category:	Roads	Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	PREVIOUSLY APPROVED:	4,390
50	50	BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	4,390

**PROFILE DESCRIPTION**

The 83 Ave Priority Bikeway is a high quality bicycle facility from 112 St to Mill Creek Ravine and is the alternative to the higher traffic volume and speed Whyte Avenue. The project is located in a high demand central area, addresses existing safety issues, will increase the number of Edmontonians choosing to ride a bike.

**Scope:**

Priority Bikeways are high quality facilities along corridors with high existing demand, connections to important destinations, and histories of collisions. Pavement markings, infrastructure (e.g. medians, SUPs), signs, intersection controls, and data collection equipment are in scope. Some minor roadway rehab may be included.

**Out of Scope:**

Roadway reconstruction and reconstruction of other infrastructure along the corridor that is not impacted by the bikeway.

**PROFILE BACKGROUND**

The Bicycle Transportation Plan (BTP) and Active Transportation Policy C544 were approved in 2009 to increase cycling in Edmonton. The Priority Bicycle Network is the network of the key central area, spoke, and cross-town routes to implement the BTP. Design of the project is anticipated to occur in 2015, with construction anticipated in 2016. Rehabilitation work along 83 Avenue will be completed in 2016 in advance of the neighbourhood renewal in profile 17-66-4022 scheduled for 2017.

**STRATEGIC ALIGNMENT**

The project directly contributes to The Way We Move and implements the 2009 Council-approved Active Transportation Policy C544, enhance safety/inclusivity/diversity of our communities, and minimize impacts on Edmonton's ecosystem.

**ALTERNATIVES CONSIDERED**

The design of Priority Bikeways is determined through a concept planning/preliminary engineering process including significant public involvement to determine existing transport issues, evaluate bicycle facilities options based on local conditions.

**COST BENEFITS**

Costs and benefits of the alternatives are identified and evaluated during concept planning/preliminary engineering.

**Tangible Benefits:**

The top 3 direct benefits are pedestrian and cyclist safety, accessibility and mobility of neighbourhoods and businesses, and providing transportation options to support mode shift

**Intangible Benefits:**

Improving public health, reducing greenhouse gas emissions, and supporting business growth/development

**KEY RISKS & MITIGATING STRATEGY**

Specific funding for Priority Bikeways is required to build the high demand bike routes. Without funding, only lower cost bike routes will be built. Coordination of renewal work, including funding, is required to reconstruct existing failing roads.

**RESOURCES**

The detailed design and construction of the Priority Bikeway may be completed by City forces or contracted and will be evaluated to determine the most cost effective when the concept plan and preliminary design are complete.

**CONCLUSIONS AND RECOMMENDATIONS**

Proceeding with this project will result in direct progress toward goals and performance measures of The Way Ahead and The Way We Move and supports implementing the Active Transportation Policy.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **83 Avenue Bikeway (Mill Creek Ravine to 112 Street)****FUNDED**PROFILE NUMBER: **16-66-2612**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	800	3,590	-	-	-	-	-	-	-	-	4,390
	Current Approved Budget	-	800	3,590	-	-	-	-	-	-	-	-	4,390
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	677	3,055	-	-	-	-	-	-	-	-	3,731
	Pay-As-You-Go	-	123	535	-	-	-	-	-	-	-	-	658
	Current Approved Funding Sources	-	800	3,590	-	-	-	-	-	-	-	-	4,390

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	800	3,590	-	-	-	-	-	-	-	-	4,390
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	677	3,055	-	-	-	-	-	-	-	-	3,731
	Pay-As-You-Go	-	123	535	-	-	-	-	-	-	-	-	658
	Requested Funding Source	-	800	3,590	-	-	-	-	-	-	-	-	4,390

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	439	3,590	-	-	-	-	-	-	-	-	4,028
	Design	-	361	-	-	-	-	-	-	-	-	-	361
	Total	-	800	3,590	-	-	-	-	-	-	-	-	4,390

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Impact</b>	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **102 AVENUE BIKEWAY (96 STREET - 136 STREET)**  
 PROFILE: **16-66-2614**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Active Modes**  
 LEAD BRANCH: **Transportation Planning**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Standalone
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PROFILE MANAGER:	Adam Homes
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LEAD BRANCH MANAGER:	Adam Homes
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	January, 2017
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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100
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RENEWAL
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PREVIOUSLY APPROVED:	8,779
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	8,779
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**PROFILE DESCRIPTION**

The 102 Avenue Priority Bikeway is a high quality bicycle facility from 136 St to 96 St. The project is located in a high demand central area, addresses existing safety issues, will increase the number of Edmontonians choosing to ride a bike.

**PROFILE BACKGROUND**

The Bicycle Transportation Plan (BTP) and Active Transportation Policy C544 were approved in 2009 to increase cycling in Edmonton. The Priority Bicycle Network is the network of the key central area, spoke, and cross-town routes to implement the BTP.

**PROFILE JUSTIFICATION**

The 102 Avenue Priority Bikeway improves safety, accessibility and mobility by constructing bikeways in high demand central areas to achieve the performance targets of The Way Ahead and The Way We Move, and supports the Active Transportation Policy.

**STRATEGIC ALIGNMENT**

The project directly contributes to The Way We Move and implements the 2009 Council-approved Active Transportation Policy C544.

**ALTERNATIVES CONSIDERED**

The design of Priority Bikeways is determined through a concept planning/preliminary engineering process including significant public involvement to determine existing transport issues, evaluate bicycle facilities options based on local conditions.

**COST BENEFITS**

Costs and benefits of the alternatives are identified and evaluated during concept planning/preliminary engineering.

**Tangible Benefits:**

Pedestrian and cyclist safety, accessibility and mobility of neighbourhoods and businesses, and providing transportation options to support mode shift.

**Intangible Benefits:**

Improving public health, reducing greenhouse gas emissions, and supporting business growth/development.

**KEY RISKS & MITIGATING STRATEGY**

Specific funding for Priority Bikeways is required to build the high demand bike routes. Without funding, only lower cost bike routes will be built. Coordination of renewal work, including funding, is required to reconstruct existing failing roads.

**RESOURCES**

The detailed design and construction of the Priority Bikeway may be completed by City forces or contracted and will be evaluated to determine the most cost effective when the concept plan and preliminary design are complete.

**CONCLUSIONS AND RECOMMENDATIONS**

This project will result in progress toward goals of The Way Ahead and The Way We Move and supports implementing the Active Transportation Policy and the Capital City Downtown Plan.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **102 Avenue Bikeway (96 Street - 136 Street)****FUNDED**PROFILE NUMBER: **16-66-2614**PROFILE TYPE: **Standalone**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779
	Current Approved Budget	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779
	Approved Funding Sources												
	Pay-As-You-Go	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779
	Current Approved Funding Sources	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779
	Requested Funding Source												
	Pay-As-You-Go	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779
	Requested Funding Source	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	422	3,500	3,979	-	-	-	-	-	-	-	7,901
	Design	-	878	-	-	-	-	-	-	-	-	-	878
	Total	-	1,300	3,500	3,979	-	-	-	-	-	-	-	8,779

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2016				2017				2018				2019			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Impact	-	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **ACTIVE TRANSPORTATION**  
 PROFILE: **CM-66-2600**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Active Modes**  
 LEAD BRANCH: **Transportation Planning**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Adam Homes
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LEAD BRANCH MANAGER:	Adam Homes
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category: Roads		Major Initiative:	
<b>GROWTH</b>	<b>RENEWAL</b>	<b>PREVIOUSLY APPROVED:</b>	<b>20,872</b>
<b>100</b>		<b>BUDGET REQUEST:</b>	<b>-</b>
		<b>TOTAL PROFILE BUDGET:</b>	<b>20,872</b>

**PROFILE DESCRIPTION**

The composite program constructs reported missing sidewalks, pedestrian infrastructure to make bus stops accessible, citizen requested curb ramps, river valley/ravine wooden stairways, shared-use paths, bicycle parking, and data collection equipment.

Per council's capital budget deliberations, annual costs were reduced to \$5M per year (total of \$20M for 2015-18) in accordance with approved amendment CAP 24.

**PROFILE BACKGROUND**

The Bicycle Transportation Plan, Sidewalk Strategy, Walkability Strategy, and Active Transportation Policy C544 were approved in 2009 to increase pedestrian, cyclist, and transit accessibility and safety regardless of age or ability.

**PROFILE JUSTIFICATION**

The Active Transportation Program fulfills Policy C544 to support all forms of active transport by enhancing mobility, access, safety, inclusivity, and connectivity via strategic improvement and expansion of pedestrian and bicycle infrastructure.

**STRATEGIC ALIGNMENT**

This program directly contributes to achieving The Way We Move Progress Measures and implements Active Transportation Policy C544, and optimizes opportunities to walk, cycle and enhances safety, inclusivity, and diversity of our communities.

**ALTERNATIVES CONSIDERED**

Alternatives were considered during the development of the strategic plans that this program implements: Walkability Strategy, Sidewalk Strategy, Bicycle Transportation Plan, and Multi-use Trail Corridor Study.

**COST BENEFITS**

Costs & benefits were considered for the alternatives assessed during preparation of the strategic plans. The most cost-effective approach was recommended for implementation.

Tangible Benefits:

Pedestrian and cyclist safety, accessibility and mobility for persons with disabilities, and accessibility of transit

Intangible Benefits:

Providing transportation options for mode shift, reducing greenhouse gas emissions, and improving public health

**KEY RISKS & MITIGATING STRATEGY**

If funding is not allocated to this program, requested sidewalks and curb ramps will not be constructed, isolated bus stops will not be connected, wooden stairs will not be maintained, and strategic plan progress measure targets will not be met.

**RESOURCES**

The detailed design and construction of Active Transportation Infrastructure may be completed by City forces or contracted and will be evaluated to determine the most cost effective when the concept plan and preliminary design are complete.

**CONCLUSIONS AND RECOMMENDATIONS**

Funding this program contributes to Edmonton's accessibility, safety, and mobility by constructing pedestrian and bicycle infrastructure to achieve the performance measures targets for The Way Ahead and The Way We Move.

**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Active Transportation****FUNDED**PROFILE NUMBER: **CM-66-2600**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	6,500	7,500	3,500	2,500	-	-	-	-	-	-	20,000
	2015 Cap Administrative	-	201	206	224	240	-	-	-	-	-	-	872
	Current Approved Budget	-	6,701	7,706	3,724	2,740	-	-	-	-	-	-	20,872
	Approved Funding Sources												
	Munc Sustain. Initiative - MSI	-	4,431	5,436	2,202	1,216	-	-	-	-	-	-	13,285
	Pay-As-You-Go	-	2,270	2,271	1,522	1,524	-	-	-	-	-	-	7,587
	Current Approved Funding Sources	-	6,701	7,706	3,724	2,740	-	-	-	-	-	-	20,872

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	6,701	7,706	3,724	2,740	-	-	-	-	-	-	20,872
	Requested Funding Source												
	Munc Sustain. Initiative - MSI	-	4,431	5,436	2,202	1,216	-	-	-	-	-	-	13,285
	Pay-As-You-Go	-	2,270	2,271	1,522	1,524	-	-	-	-	-	-	7,587
	Requested Funding Source	-	6,701	7,706	3,724	2,740	-	-	-	-	-	-	20,872

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
REVISED BUDGET (IF APPROVED)	Construction	-	6,651	7,656	3,674	2,690	-	-	-	-	-	-	20,672
	Design	-	50	50	50	50	-	-	-	-	-	-	200
	Total	-	6,701	7,706	3,724	2,740	-	-	-	-	-	-	20,872

**OPERATING IMPACT OF CAPITAL**

Type of Impact: External Services

Branch:	2015				2016				2017				2018			
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Transportation Operations	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5	-
Total Operating Impact	-	5	5	-	-	5	5	-	-	5	5	-	-	5	5	-

**CAPITAL PROFILE REPORT**

Profile Page 1

PROFILE NAME: **COMPLETE STREETS - ENHANCEMENTS**  
 PROFILE: **CM-66-9003**  
 DEPARTMENT: **Transportation Services**  
 BRANCH: **Transportation Planning**  
 PROGRAM NAME: **Complete Streets**  
 LEAD BRANCH: **Transportation Planning**  
 BUDGET CYCLE: **2015-2018 run for 2015**

**FUNDED**

PROFILE STAGE:	Post Budget Approval
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PROFILE TYPE:	Composite
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PROFILE MANAGER:	Adam Homes
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LEAD BRANCH MANAGER:	Adam Homes
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ESTIMATED START:	January, 2015
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ESTIMATED COMPLETION:	December, 2018
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Service Category:	Roads
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Major Initiative:	
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GROWTH
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RENEWAL
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PREVIOUSLY APPROVED:	10,949
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BUDGET REQUEST:	-
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TOTAL PROFILE BUDGET:	10,949
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**PROFILE DESCRIPTION**

This composite program constructs roadway infrastructure that is needed to complete a street to ensure that the design reflects the surrounding area such as sidewalks, curb ramps, bicycle infrastructure, additional lanes, etc.

**PROFILE BACKGROUND**

The Complete Streets Policy C573 were approved in 2013 to acknowledge that the design of all streets will reflect the characteristics of the area and all users of the roadway and that an integrated, connected network approach is needed.

**PROFILE JUSTIFICATION**

The Complete Streets Program fulfills Policy C573 to support streets that reflect the surrounding area, are safe and welcoming to all users are important for the quality of life, competitiveness and growth of our city.

**STRATEGIC ALIGNMENT**

This program directly contributes to achieving The Way We Move Strategic Goals and implements the direction of the 2013 Council-approved Complete Streets Policy C573. The Way We Move recognizes that transportation is more than simply moving people.

**ALTERNATIVES CONSIDERED**

Alternatives will be considered as part of each roadway project. The City of Edmonton will utilize the principles of Complete Streets in all new and rehabilitation projects that take place on public road right-of-way.

**COST BENEFITS**

The top direct benefits are the ability to increase the overall capacity of the transportation network, designing streets that are safe for all users and many times result in roadway right of way reductions. The top indirect benefits are providing transportation options for mode shift, reducing greenhouse gas emissions, and improving public health.

**KEY RISKS & MITIGATING STRATEGY**

If funding is not allocated to this program, roadway elements that are needed to complete the street will not be constructed and citizen and Council expectations will not be met.

**RESOURCES**

The detailed design and construction of Complete Streets elements may be completed by City forces or contracted and will be evaluated to determine the most cost effective when the concept plan and preliminary design are complete.

**CONCLUSIONS AND RECOMMENDATIONS**

Funding this program contributes to Edmonton's accessibility, safety, and mobility by constructing roadway elements that create streets that reflect the surrounding area to achieve the performance measures targets for The Way We Move.



**CAPITAL PROFILE REPORT**

Profile Page 2

PROFILE NAME: **Complete Streets - Enhancements****FUNDED**PROFILE NUMBER: **CM-66-9003**PROFILE TYPE: **Composite**BRANCH: **Transportation Planning**BUDGET CYCLE **2015-2018 run for 2015****CAPITAL BUDGET AND FUNDING SOURCES (000's)**

APPROVED BUDGET		PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Approved Budget												
	Original Budget Approved	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Current Approved Budget	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Approved Funding Sources												
	Pay-As-You-Go	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Current Approved Funding Sources	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949

BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-	-
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REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Requested Funding Source												
	Pay-As-You-Go	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Requested Funding Source	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949

**CAPITAL BUDGET BY ACTIVITY TYPE (000's)**

REVISED BUDGET (IF APPROVED)	Activity Type	PRIOR YEARS	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	TOTAL
	Construction	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949
	Total	-	2,744	2,716	2,732	2,758	-	-	-	-	-	-	10,949

**OPERATING IMPACT OF CAPITAL**

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-