

1. Type the project number (with dashes) in the “Find” field shown below and press Enter. *If your search lands on a body of a project profile, press Enter again until the project profile is found.*



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62.5%

b7-21-5353

Community Services (thousands of dollars)								
PROGRAM: Community Facility Services								
PROJECT NAME: John Janzen Nature Centre							07-21-5353	
Group-Criteria: B-100 Projects With Budget Approval					Project Manager: Smyth R			
Outcome: Improve Edmonton's Livability					Focus: Improve community engagement & participation			
BUDGET	Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved	116	6,589	1,794	-	-	-	8,499	
Change	-	(5,089)	(575)	-	-	-	(5,664)	
Revised Budget	116	1,500	1,219	-	-	-	2,835	
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures	-	-	-	-	-	-	-	
Change	-	-	-	-	-	-	-	
Revised Expenditures	-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN	116	1,500	1,219	-	-	-	2,835	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Other Reserve	-	(54)	288	90	-	-	-	324
Federal Grant	801	-	-	801	-	-	-	801
Developer Financing	(6,465)	60	550	-	-	-	-	610
General Financing	-	110	662	328	-	-	-	1,100
Total Financing	(5,664)	116	1,500	1,219	-	-	-	2,835
Description								
This project is Phase 1A of the JJNC Master Plan. It includes construction of a Children's Discovery Gallery, renovations and expansion of the customer service and reception area, addition of a green roof which allows public access, and upgrading of the heating, ventilation and electrical systems.								
Justification								
This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. The development of these facilities will enhance the programming and events capability of the Nature Centre, improve the visitors experience, make the operations more efficient and enhance the revenue generation capabilities of the facility.								
Edmonton Nature Centre Foundation is the facility partner and they are contributing \$610,000 to aid in the project development.								

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Palisades Resident(Oxford)Lot Developmt

00-16-2003

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,145	9,334	3,400	-	-	-	13,879
Change	-	-	-	-	-	-	-
Revised Budget	1,145	9,334	3,400	-	-	-	13,879

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,145	9,334	3,400	-	-	-	13,879
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		1,145	9,334	3,400	-	-	-	13,879
Total Financing	-		1,145	9,334	3,400	-	-	-	13,879

## Description

Servicing of the residential land the Oxford neighborhood in Palisades commenced in 2009 and will be substantially completed by 2011. The City's lands are planned to accommodate a school and park site, in addition to residential development and a stormwater pond.

## Justification

This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale of these lands at their optimum value.

Source of Estimates Preliminary Design: +/- 30%

## Project Cost Breakdown

Design	\$	1,665
Construction		12,214

Last Updated: 14-APR-2010

\$ 13,879

07-16-2004

Focus: Increase supply/range of affordable housing

[illegible]

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: General Residential Land Developmt

09-16-2006

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	732	668	110	-	-	-	1,510
Change	-	-	-	-	-	-	-
Revised Budget	732	668	110	-	-	-	1,510

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	110	120	120	350
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	110	120	120	350

## TOTAL CAPITAL

## EXPENDITURE PLAN

732	668	110	110	120	120	1,860
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		732	668	110	110	120	120	1,860
Total Financing	-		732	668	110	110	120	120	1,860

## Description

Funds are required for servicing and other enhancements (i.e. rezoning, subdivision) of remnant residential properties in various locations throughout the City to facilitate sales on an opportunity basis.

Development of some lands requires partnership with adjacent private land owners. The General Residential Land Development project is an ongoing project and additional funds will be required in subsequent years. Funding needs will depend upon the amount of remnant land that is surplus from properties acquired for municipal projects.

## Justification

This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale of these lands at their optimum value.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Construction	\$	1,330
Design		180

Last Updated: 14-APR-2010

\$ 1,510

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)						
PROGRAM: Land								
PROJECT NAME: New Residential Development		09-16-2008						
Group-Criteria: C-100 Projects With Budget Approval		Project Manager: Daviss R.						
Outcome: Improve Edmonton's Livability		Focus: Increase supply/range of affordable housing						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		3,889	5,979	19,760	-	-	-	29,628
Change		-	-	-	-	-	-	-
Revised Budget		3,889	5,979	19,760	-	-	-	29,628
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	13,000	13,500	14,200	40,700
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	13,000	13,500	14,200	40,700
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>3,889</b>	<b>5,979</b>	<b>19,760</b>	<b>13,000</b>	<b>13,500</b>	<b>14,200</b>	<b>70,328</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Land Fund Retained Earnings	-	3,889	5,979	19,760	13,000	13,500	14,200	70,328
Total Financing	-	3,889	5,979	19,760	13,000	13,500	14,200	70,328
<b>Description</b> Funding is required to service existing City holdings for residential use in Schonsee, Potter Greens, Rural North West, Ellerslie and for future acquired residential land.  Off site servicing accelerated to 2008. Project costs reduced to reflect anticipated lower demand in 2010-2011. On site development was deferred from 2010 to 2011.								
<b>Justification</b> To provide serviced residential land in accordance with the Revised Land Development guidelines approved by Council in July 2004.								
Source of Estimates		Preliminary Design: +/- 30%						
Last Updated: 14-APR-2010		Project Cost Breakdown Design \$ 3,650 Construction 25,978  \$ 29,628						

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Residential Land Acquisition

10-16-2010

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	25	175	100	-	-	-	300
Change	-	-	-	-	-	-	-
Revised Budget	25	175	100	-	-	-	300

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

25	175	100	-	-	-	300
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		25	175	100	-	-	-	300
Total Financing	-		25	175	100	-	-	-	300

## Description

The acquisition of land is anticipated in the plan period to replace inventory lands developed in previous years.

## Justification

The acquisition of additional residential land is necessary to maintain an inventory for ongoing residential development as specified in the Revised Land Development Guidelines approved by Council in July, 2004.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Currently there is no profile budget for Residential Land Acquisition however a budget will be required for smaller purchases.

## Project Cost Breakdown

Land	\$	300
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Last Updated: 14-APR-2010

\$	300
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# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Pilot Sound (Brintnell) Land Development

01-16-2014

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	26,420	(251)	-	-	-	-	26,169
Change	-	-	-	-	-	-	-
Revised Budget	26,420	(251)	-	-	-	-	26,169

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

26,420	(251)	-	-	-	-	26,169
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		26,420	(251)	-	-	-	-	26,169
Total Financing	-		26,420	(251)	-	-	-	-	26,169

## Description

Development of the City's 50 ha in the Brintnell neighbourhood commenced in 2003. Servicing was substantially completed in 2006 with completion of roads (final asphalt lift) in 2007 and 2008. Funds will be required to correct deficiencies to obtain Final Acceptance Certificates.

## Justification

This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale or lease of these lands at their optimum value.

## Source of Estimates

Award: +/- 10%

## Project Cost Breakdown

Construction	\$	22,119
Design		4,050

Last Updated: 14-APR-2010

\$ 26,169

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Contaminated Properties Reclamation

09-16-2015

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	720	750	790	2,260
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	720	750	790	2,260

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	-	720	750	790	2,260
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		-	-	-	720	750	790	2,260
Total Financing	-		-	-	-	720	750	790	2,260

## 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.

## 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.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Transfer budget to Operating per TCA

Project Cost Breakdown

\$

Last Updated: 24-FEB-2010

\$



## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Industrial Land Acquisition

08-16-2020

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources &amp; reduce reliance on tax

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	24,911	1,550	-	-	-	-	26,461
Change	-	-	-	-	-	-	-
Revised Budget	24,911	1,550	-	-	-	-	26,461

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

24,911	1,550	-	-	-	-	26,461
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		24,911	1,550	-	-	-	-	26,461
Total Financing	-		24,911	1,550	-	-	-	-	26,461

## Description

Funding is required to acquire additional raw land for industrial development. Acquisition of approximately 25ha of land is planned for each of the years 2011 to 2016 inclusive to replace inventory lands developed in previous years.

## Justification

This expenditure will be used to acquire land for servicing to assure the future supply of serviced industrial land in accordance with the Council approved Industrial Land Strategy.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown	
Land	\$ 26,461

Last Updated: 14-APR-2010

\$ 26,461

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Industrial Land Acquisition

11-16-2020

Group-Criteria: C-150 Projects Justified On An Economic Basis

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources &amp; reduce reliance on tax

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	6,200	6,900	7,600	8,400	29,100
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	6,200	6,900	7,600	8,400	29,100

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	6,200	6,900	7,600	8,400	29,100
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		-	-	6,200	6,900	7,600	8,400	29,100
Total Financing	-		-	-	6,200	6,900	7,600	8,400	29,100

## Description

Funding is required to acquire additional raw land for industrial development. Acquisition of approximately 25ha of land is planned for each of the years 2011 to 2016 inclusive to replace inventory lands developed in previous years.

## Justification

This expenditure will be used to acquire land for servicing to assure the future supply of serviced industrial land in accordance with the Council approved Industrial Land Strategy.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown

\$

Last Updated: 24-FEB-2010

\$

09-16-2022

Focus: Increase revenue sources & reduce reliance on tax

## Asset Management &amp; Public Works

PROGRAM: Land

PROJECT NAME: Strategic Land Acquisition

09-16-2022

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.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

Increase of \$15M to fund opportunity land purchases for future LRT useage.

Last Updated: 07-OCT-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Strategic Land Acquisition WLRT &amp; SELRT

10-16-2024

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	40,000	-	-	-	-	40,000
Change	-	-	-	-	-	-	-
Revised Budget	-	40,000	-	-	-	-	40,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	40,000	-	-	-	-	40,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		-	40,000	-	-	-	-	40,000
Total Financing	-		-	40,000	-	-	-	-	40,000

## Description

To acquire land for the WLRT and SELRT

## Justification

Council plans to have the WLRT and SELRT completed prior to the Expo in 2016. This requires the acquisition of land along the intended routes. Land Enterprise will work with Transportation for the acquisition as the land holdings become available.

## Project Cost Breakdown

Land \$ 15,000

Last Updated: 07-OCT-2010

\$ 15,000

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Community Revitalizat. Land Acquisition

07-16-2025

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Transform Edmonton's Urban Form

Focus: Increase dwelling density

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,869	20,279	-	-	-	-	27,148
Change	-	-	-	-	-	-	-
Revised Budget	6,869	20,279	-	-	-	-	27,148

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,869	20,279	-	-	-	-	27,148
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Land Fund Retained Earnings	-	6,869	20,279	-	-	-	-	27,148
Total Financing	-	6,869	20,279	-	-	-	-	27,148

## Description

This project provides financing for opportunity and strategic land purchases to support Council approved community revitalization initiatives such as Downtown East, 118 Avenue Revitalization and Downtown North Edge.

Financing for Community Revitalization Land Acquisition 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 to be repaid in future years from projects funded in the Capital Priorities Plan or through other funding strategies approved by Council.

## Justification

This interim funding will allow land to be acquired in a timely and cost effective manner to support evolving community revitalization initiatives where project funding in the CPP is not available at the time of desired acquisition.

In November, 2005 City Council approved the use of the Land Enterprise to provide interim financing for the purchase of land within the Downtown East Project area.

Source of Estimates

Preliminary Design: +/- 30%

## Project Cost Breakdown

Land \$ 27,148

Last Updated: 14-APR-2010

\$ 27,148

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Fort Road Redevelop. Plan Implementation

04-16-2100

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Transform Edmonton's Urban Form

Focus: Increase dwelling density

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	15,321	18,929	-	-	-	-	34,250
Change	-	-	-	-	-	-	-
Revised Budget	15,321	18,929	-	-	-	-	34,250

**FUNDING EARMARKED FOR FUTURE EXPENDITURES**

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

**TOTAL CAPITAL****EXPENDITURE PLAN**

15,321	18,929	-	-	-	-	34,250
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Land Fund Retained Earnings	-	3,994	(3,994)	-	-	-	-	-
Tax-guaranteed self-sustng dbt	-	11,327	22,923	-	-	-	-	34,250
Total Financing	-	15,321	18,929	-	-	-	-	34,250

**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.

<b>Project Cost Breakdown</b>	
Design & Construction	\$ 29,250
Land	5,000

Last Updated: 15-APR-2010

\$ 34,250

## Asset Management & Public Works

PROGRAM: Land

PROJECT NAME: Fort Road Redevelop. Plan Implementation

04-16-2100

### 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.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

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.

Last Updated: 15-APR-2010



# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Acquisition of ECCA Leasehold Interests

10-16-2102

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Transform Edmonton's Urban Form

Focus: Increase dwelling density

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	24,000	3,000	-	-	-	27,000
Change	-	-	-	-	-	-	-
Revised Budget	-	24,000	3,000	-	-	-	27,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	24,000	3,000	-	-	-	27,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Operating Revenues	-		-	-	2,000	-	-	-	2,000
Partnership Funding	-		-	-	1,000	-	-	-	1,000
Land Fund Retained Earnings	-		-	24,000	-	-	-	-	24,000
Total Financing	-		-	24,000	3,000	-	-	-	27,000

## Description

To facilitate the acquisitions of the required leasehold interests of ECCA as per City Council's recommendations on July 7, 2010.

## Justification

To have a phased closure of the ECCA, it is required to acquire the current leasehold interests from current lease holders. Land Enterprise will be funding these initial capital costs. Revenue from rental income and sale of the airport lands will be used to reimburse Land Enterprise for these fundings.

## Change from Previous Approval

This budget adjustment provides for track modifications and hard surfacing required for the grandstand, public areas and paddocks. Financing for the budget adjustment is provided from partnerships (\$1 million) and from parking proceeds (\$2 million over 5 years).

The adjustment is required for the capital improvements to proceed. Adjusting this project will permit capital costs associated with the City Centre Lands to be accounted for in one place.

## Project Cost Breakdown

Construction	\$	3,000
Land		24,000

Last Updated: 02-DEC-2010

\$ 27,000

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Other Industrial Land Development

09-16-2204

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources &amp; reduce reliance on tax

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	58	242	125	-	-	-	425
Change	-	-	-	-	-	-	-
Revised Budget	58	242	125	-	-	-	425

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	125	125	125	375
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	125	125	125	375

## TOTAL CAPITAL

## EXPENDITURE PLAN

58	242	125	125	125	125	800
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		58	242	125	125	125	125	800
Total Financing	-		58	242	125	125	125	125	800

## Description

Funds are required to undertake servicing and other enhancements for Industrial/Commercial properties in various City locations. Funds are only expended to facilitate sales, and not on a speculative basis. Commercial property enhancements are required as a condition of sale to the general public. These improvements would increase the marketability and accessibility of land holdings through rezoning, consolidations, median breaks, utility relocations, etc.

## Justification

This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale or lease of these lands at their optimum value.

## Source of Estimates

Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction	\$	374
Design		51

Last Updated: 14-APR-2010

\$ 425

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: New Commercial/Industrial Development

07-16-2208

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources &amp; reduce reliance on tax

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	9,689	2,768	-	-	-	-	12,457
Change	-	-	-	-	-	-	-
Revised Budget	9,689	2,768	-	-	-	-	12,457

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

9,689	2,768	-	-	-	-	12,457
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Land Fund Retained Earnings	-		9,689	2,768	-	-	-	-	12,457
Total Financing	-		9,689	2,768	-	-	-	-	12,457

## Description

Funding is required to service City holdings in various developing industrial areas to respond to increased market demand for serviced sites. The city has unserviced or partially serviced land in White Industrial, Poundmaker, Pylypow, Place La Rue, Rampart and Maple Ridge. Additional land acquisition for servicing under this project is in project 08-75-2020.

Activity level will be based on anticipated demand.

## Justification

This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale or lease of these lands at their optimum value. This project is also required to support achievement of the land supply targets of the Industrial Land Strategy.

## Source of Estimates

Detailed Design: +/- 20%

## Project Cost Breakdown

Design	\$	1,550
Construction		10,907

Last Updated: 14-APR-2010

\$ 12,457

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Land									
PROJECT NAME: New Commercial/Industrial Development		09-16-2208							
Group-Criteria: C-100 Projects With Budget Approval		Project Manager: Daviss R.							
Outcome: Ensure Edmonton's Financial Sustainability		Focus: Increase revenue sources & reduce reliance on tax							
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		7,578	21,422	14,900	18,400	-	-	62,300	
Change		-	-	-	-	-	-	-	
Revised Budget		7,578	21,422	14,900	18,400	-	-	62,300	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	24,900	26,100	20,000	71,000	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	24,900	26,100	20,000	71,000	
TOTAL CAPITAL EXPENDITURE PLAN		7,578	21,422	14,900	43,300	26,100	20,000	133,300	
Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Land Fund Retained Earnings	-		7,578	21,422	14,900	43,300	26,100	20,000	133,300
Total Financing	-		7,578	21,422	14,900	43,300	26,100	20,000	133,300
<b>Description</b> Funding is required to service City holdings in various developing industrial areas to respond to increased market demand for serviced sites. The city has unserviced or partially serviced land in White Industrial, Poundmaker, Pylypow, Place La Rue, Rampart and Maple Ridge. Additional land acquisition for servicing under this project is in project 04-75-2020.									
Activity level will be based on anticipated demand.									
<b>Justification</b> This expenditure will be used to improve City-owned real estate assets, thereby enhancing the opportunity for the sale or lease of these lands at their optimum value. This project is also required to support achievement of the land supply targets of the Industrial Land Strategy.									
Source of Estimates      Conceptual: +/- 50%									
<div style="float: right; border: 1px solid black; padding: 5px; width: 200px;"> <b>Project Cost Breakdown</b>            Construction      \$      52,640            Design                      9,660    <div style="text-align: right;">\$      62,300</div> </div>									
Last Updated: 14-APR-2010									

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Jasper Avenue Main Street Design Study

08-17-0348

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ohm P.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	395	355	-	-	-	-	750
Change	-	-	-	-	-	-	-
Revised Budget	395	355	-	-	-	-	750

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

395	355	-	-	-	-	750
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Support Dbt Rsv (non-TCA)	-		395	-	-	-	-	-	395
Tax-Supported Debt Reserve	-		-	355	-	-	-	-	355
Total Financing	-		395	355	-	-	-	-	750

## Description

This is a program to revitalize the physical environment along Jasper Avenue. The Study will establish a vision and streetscape improvement plans to re-establish Jasper Avenue as the main commercial street in the Downtown. The design concept would apply to the entire length of Jasper Avenue in the Downtown (between 97 Street and 110 Street). Based upon the engineering drawings prepared in conjunction with the streetscape improvement plans, construction cost estimates can then be determined. The implementation of this project, as well as other projects recommended by the Capital City Downtown Plan, will be included in subsequent capital budgets - see Project 08-17-0347. From 100 Street to 103 Street, this project should be constructed in conjunction with the Downtown East Pedway and Central station repairs. This project will be completed in 2010.

## Justification

The consequence of not funding this project means that the businesses and pedestrian environment on Jasper Avenue may continue to languish, resulting in lower taxes for undeveloped and underdeveloped properties. It is important to capitalize on the upcoming repairs to the Jasper Avenue road deck over the LRT so that there will be consistent treatment in the reconstruction of the remainder of Jasper Avenue.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design \$ 750

Last Updated: 19-APR-2010

\$ 750

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Gallery of Historic Neon Signs

08-17-0350

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Ohm P.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	200	-	-	-	-	200
Change	-	-	-	-	-	-	-
Revised Budget	-	200	-	-	-	-	200

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	200	-	-	-	-	200
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Reserve	-		-	200	-	-	-	-	200
Total Financing	-		-	200	-	-	-	-	200

## 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.

## 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.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design	\$	30
Construction		170

Last Updated: 19-APR-2010

\$ 200

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Old Strathcona Provincial Historic Area

08-17-0361

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ohm P.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	250	-	-	-	-	250
Change	-	-	-	-	-	-	-
Revised Budget	-	250	-	-	-	-	250

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	250	-	-	-	-	250
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Reserve	-		-	250	-	-	-	-	250
Total Financing	-		-	250	-	-	-	-	250

## Description

Old Strathcona Area has been designated a Provincial Historic Area by the Minister in January 2007. This budget will cover the costs of construction of signs, gates, and other commemorative plaques.

## Justification

The Provincial Historic Area Designation has been registered on title of all properties in the area; however, to the general public, this designation requires communication in the form of signs, gates, and plaques. This will add to the attractiveness of the area.

Source of Estimates Conceptual: +/- 50%

Percent for Art

Amount: \$10

Percent of Total Project: 4%

## Project Cost Breakdown

Design	\$	38
Construction		212

Last Updated: 19-APR-2010

\$ 250

## Planning & Development (thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: The Quarters

07-17-0400

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Trocenko W.

Outcome: Transform Edmonton's Urban Form

Focus: Increase dwelling density

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,186	1,804	1,990	-	-	-	5,980
Change	-	-	-	-	-	-	-
Revised Budget	2,186	1,804	1,990	-	-	-	5,980

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,186	1,804	1,990	-	-	-	5,980
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing (non-TCA)	-		269	-	-	-	-	-	269
General Financing	-		1,917	1,804	1,990	-	-	-	5,711
Total Financing	-		2,186	1,804	1,990	-	-	-	5,980

## 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.

## 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

## Project Cost Breakdown

Design	\$	2,980
Land		3,000

Last Updated: 01-OCT-2010

\$ 5,980



## Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: The Quarters

07-17-0400

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.

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

A budget adjustment to transfer \$1.02 million to Project 10-17-0406 - The Quarters - Drainage Servicing - was approved in 2010.

Last Updated: 01-OCT-2010

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Boyle Renaissance Community Hub Funding

08-17-0402

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Trocenko W.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	1,000	4,000	1,000	-	-	6,000
Change	-	-	-	-	-	-	-
Revised Budget	-	1,000	4,000	1,000	-	-	6,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	1,000	4,000	1,000	-	-	6,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	1,000	4,000	1,000	-	-	6,000
Total Financing	-		-	1,000	4,000	1,000	-	-	6,000

## Description

The Boyle Renaissance Project is a City led redevelopment initiative that will address long standing urban renewal problems in the area immediately north of 103A Ave between 95th and 96th Streets. Significant visual, environmental, land use and social issues have resulted in lack of development interest from the private sector. In early 2008, Council endorsed a concept for Boyle Renaissance that included collaboration between a number of groups to redevelop the area with different forms of affordable and other housing types and uses. These groups included the: YMCA, Edmonton Oilers Community Foundation, UMISK, Metis Urban Housing Corporation, Capital Health, Canadian Paraplegic Association, Edmonton People In Need Society, and the City of Edmonton.

In 2007 Council approved the use of \$19.5 million of Affordable Housing Funding to acquire land in Boyle Renaissance.

A Boyle Renaissance Advisory Committee (BRAC) was formed with Community Stakeholders participating to provide advice to Council on this proposal.

In January of 2009 Executive Committee of Council approved the BRAC report and the go forward actions to implement Phases 1 and 2 of the Boyle Renaissance Project. Phase 1 includes a YMCA Welcome Village valued at \$35m (\$25m in grant funding received from the Government of Alberta), Inner City High School valued at \$20m and a Community Hub estimated to be \$6m. On May 27, 2009, City Council approved \$6 million to fund the design and construction of the Community Hub. A Working Team has been formed to complete planning, detailed architectural designs and to start construction of Phase 1 in 2010.

## Justification

\$6 million is needed to implement the design and construction of the Community Hub in association with other developments funded by the partners in Phase I of

Percent for Art			Project Cost Breakdown	
Amount:	\$60	Percent of Total Project:	1%	Design & Construct. \$ 6,000
Last Updated:	18-NOV-2010			\$ 6,000

## Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: Boyle Renaissance Community Hub Funding

08-17-0402

Boyle Renaissance.

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

The Boyle Renaissance Phase I project consisting of the YMCA Welcome Village (150 transitional Housing Units, Day Care and Family Resource Center) and the Boyle Street Community Hub is now in the final stages of design and partners are engaged in the final approvals to proceed to construction. Development and Building Permits are being applied for and construction is scheduled to begin before the end of the year. Construction is scheduled to be completed over the next two years. Funding needs to be carried forward to allow for this program to be implemented over that period of time.

Last Updated: 18-NOV-2010

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Boyle Renaissance - Phase 2 - Land

09-17-0404

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Trocenko W.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,858	-	-	-	-	-	1,858
Change	-	-	-	-	-	-	-
Revised Budget	1,858	-	-	-	-	-	1,858

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,858	-	-	-	-	-	1,858
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Reserve	-		557	-	-	-	-	-	557
Other Grants - Provincial	-		1,301	-	-	-	-	-	1,301
Total Financing	-		1,858	-	-	-	-	-	1,858

## Description

The Boyle Renaissance Project is a City led redevelopment initiative that will address long standing urban renewal problems in the area immediately north of 103A Ave between 95th and 96th Streets. Significant visual, environmental, land use and social issues have resulted in lack of development interest from the private sector.

In 2007 Council approved the use of \$19.5 million of Affordable Housing Funding to acquire land in Boyle Renaissance.

In early 2008, Council endorsed a concept for Boyle Renaissance that included collaboration between a number of groups to redevelop the area with different forms of affordable and other housing types and uses. These groups included the: YMCA, Edmonton Oilers Community Foundation, UMISK, Metis Urban Housing Corporation, Capital Health, Canadian Paraplegic Association, Edmonton People In Need Society, and the City of Edmonton.

In 2009 The City purchased the properties on the east side of 95 Street between 104 and 105 Avenues to support a proposal to develop an Aboriginal Transitional Services Center on this site. The cost of this acquisition is \$1.858 million.

Discussions are ongoing to purchase remaining Boyle Renaissance properties including the York Hotel, Salvage Yards and The Bottle Depot.

## Justification

City land ownership is essential to advancing urban renewal plans in this area.

Source of Estimates Award: +/- 10%

## Project Cost Breakdown

Land	\$	1,858
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Last Updated: 25-FEB-2010

\$	1,858
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## Planning & Development (thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: The Quarters - Demo Project Land Acquis.

09-17-0405

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Trocenko W.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,110	-	-	-	-	-	1,110
Change	-	-	-	-	-	-	-
Revised Budget	1,110	-	-	-	-	-	1,110

**FUNDING EARMARKED FOR FUTURE EXPENDITURES**

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

**TOTAL CAPITAL****EXPENDITURE PLAN**

1,110	-	-	-	-	-	-	1,110
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Grants - Provincial	-		777	-	-	-	-	-	777
Other Reserve	-		333	-	-	-	-	-	333
Total Financing	-		1,110	-	-	-	-	-	1,110

**Description**

Acquire two parcels of land in the Five Corners High Density area of the Quarters Downtown Area Redevelopment Plan that will be consolidated with three adjacent City-owned lots to assemble a Demonstration Project site. The intent of the Demonstration Project will be to develop a high rise apartment building providing a mix of affordable rental housing and market housing that is achieved through and "show cases" the application of Floor Area Ratio and Height Incentives of the Direct Control zoning provisions of the Quarters Downtown Area Redevelopment Plan. These incentives are obtained by satisfying various criteria related to urban design, sustainable development, energy efficiency, water conservation, and the provision of affordable housing and community amenities. Funding for this Project is available from the Cornerstones Affordable Housing Program.

**Justification**

Acquisition of the two parcels will improve the developability of the adjacent City-owned lands and provide an appropriately sized site to develop a demonstration apartment project providing a mix of market and affordable housing, based on the development incentives of the Quarters Direct Control zoning.

**Source of Estimates**

Award: +/- 10%

**Project Cost Breakdown**

Land \$ 1,110

Last Updated: 25-FEB-2010

\$ 1,110

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: The Quarters - Drainage Servicing

10-17-0406

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Trocenko W.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	725	725	-	-	-	1,450
Change	-	-	-	-	-	-	-
Revised Budget	-	725	725	-	-	-	1,450

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	725	725	-	-	-	1,450
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	510	510	-	-	-	1,020
Infra Stimulus Fund - Federal	-		-	215	215	-	-	-	430
Total Financing	-		-	725	725	-	-	-	1,450

## Description

This project consists of the construction of a drop shaft at 96 Street and 101A Avenue and a new storm sewer together with service connections to the proposed developments along 96 Street from 101 Avenue to 101A Avenue.

## Justification

Combined sewers in The Quarters area were built starting in 1908 with the majority constructed prior to 1950. In order to handle the additional flow expected by the proposed redevelopment, they need to be upsized or separated. The drainage plan for The Quarters identifies sewer separation as the most cost effective solution. This project, being an initial stage of the overall drainage plan, is needed to allow for the developments to proceed within an area of approximately 2 hectares in the vicinity of 96 Street and Jasper Avenue.

Since the detailed design and costing for this project has been done and substantial construction completed before March 31, 2011 is feasible, it is an ideal candidate for the Infrastructure Stimulus Fund offered by the Federal Government. Future additional cost sharing with the Province is being reviewed.

Source of Estimates Detailed Design: +/- 20%

## Project Cost Breakdown

Design &amp; Construct. \$ 1,450

Last Updated: 22-SEP-2010

\$ 1,450

## Planning & Development (thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Animal Control Facility

05-17-1550

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Aitken D.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	4,848	8,425	-	-	-	-	13,273
Change	-	-	-	-	-	-	-
Revised Budget	4,848	8,425	-	-	-	-	13,273

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

4,848	8,425	-	-	-	-	13,273
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	469	2,014	-	-	-	-	2,483
Financial Stabilization Resrv.	-	2,000	-	-	-	-	-	2,000
CAMRIF - Federal Portion	-	1,189	216	-	-	-	-	1,405
Munc Sustain. Initiative - MSI	-	-	5,980	-	-	-	-	5,980
CAMRIF - Provincial Portion	-	1,190	215	-	-	-	-	1,405
Total Financing	-	4,848	8,425	-	-	-	-	13,273

## Description

The existing Animal Control facility in North Edmonton is inadequate to house the expanded animal control function mandated by City Council on April 11, 2000 as part of the resolution of issues with the SPCA. This involved the City assuming responsibility for stray animals. A new facility will provide modern and humane care for strays and house Animal Control Field Enforcement staff who are temporarily housed in a leased building. The new facility will also include provision for pet licencing initiatives improving the overall function of Animal Control.

## Justification

A new facility will bring all aspects of services related to pets under one roof. The new facility will provide adequate and modern space for the care of strays, a better functional relationship between field and facility staff, and the opportunity for a number of customer service improvements and pet licencing initiatives which are not possible at the present two locations. This will result not only in improved customer service but a better care for strays and a more effective and efficient use of staff resources.

The project cost estimate has been reviewed and confirmed by the Construction Department who hired Anthony Eng Architect Ltd. to prepare a design report on the proposed new facility.

City Council Outcome: Responsible and Responsive Government

## Project Cost Breakdown

Land	\$	1,100
Construction		11,880
Design		293

Last Updated: 19-APR-2010

\$ 13,273

## Planning &amp; Development

PROGRAM: Planning &amp; Development

PROJECT NAME: Animal Control Facility

05-17-1550

Source of Estimates Detailed Design: +/- 20%

## Change from Previous Approval

Fall 2009 SBA - Cash Flow \$3.5 million from 2009 to 2010.

Last Updated: 19-APR-2010



## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: POSSE Upgrade - Phase III

05-17-3030

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Ohm P.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	278	111	-	-	-	-	389
Change	-	-	-	-	-	-	-
Revised Budget	278	111	-	-	-	-	389

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

278	111	-	-	-	-	389
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		278	111	-	-	-	-	389
Total Financing	-		278	111	-	-	-	-	389

## Description

This project recognizes work done under Inter-Municipal Land Related Permitting (Project 02-17-3031) and POSSE Upgrade - Phase II (Project 02-17-3030). Phase III is to increase POSSE's connectivity with the 3 other core systems of the Enterprise Model and to establish a list of E-business services. This project will build on the initiatives already completed and recognizes that by 2008, new technology and changing Web circumstances will demand that changes be made to maintain industry standards.

This project will be completed in 2010 and will not generate any operating impacts.

## Justification

POSSE is one of the pillars approved as part of the Enterprise Model and use across the corporation has grown from 800 users in 2000 to 2,000 users in 2005. The growth has included the Councillor's office. This project recognizes that to remain functional and to take best advantage of this corporate growth and changing technology POSSE must be continuously advanced and improved. The Planning and Development Department as original developers of the product are best positioned to design enhancements, which will pave the way for rolling these enhancements out to other corporate users. For example the continued transition to wireless technology and its relationship to POSSE has implications for any corporate activity based on field work. The innovations developed by Planning and Development will be available to all POSSE users.

City Council Outcome: Responsible and Responsive Government

Source of Estimates Detailed Design: +/- 20%

Project Cost Breakdown	
Systems Development	\$ 389

Last Updated: 19-APR-2010

\$ 389

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: Land Development Application System Enh.

08-17-3037

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Ohm P.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	100	700	-	-	-	800
Change	-	-	-	-	-	-	-
Revised Budget	-	100	700	-	-	-	800

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	100	700	-	-	-	800
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	100	700	-	-	-	800
Total Financing	-		-	100	700	-	-	-	800

## Description

This project will overhaul and significantly enhance the Land Development Application (LDA) system. Also included is a full business process review of Land Development Application processing. The proposed enhancements include (in no particular order):

- a) Business Process and System Enhancements to reduce overall time to process applications.
- b) Re-design of the online e-Submissions system to make the City Land Development Application business process more accessible and transparent to Edmontonians.
- c) Re-design of the online e-Circulation system to enhance the existing paperless circulation system (to referral agencies) for development applications.
- d) Improved Training and support system for Applicants. This includes exploring opportunities to better integrate the LDA system with applicant operating systems. It also includes exploring opportunities to develop modules that provide web-based submission of electronic drawings, web-based circulation of electronic drawings to circulation agencies and web and paper based public notifications.
- e) Improved training for Planning and Development staff to enable them to assist with Land Development Applications.
- f) Automated and transparent status and milestone reports for end-customers on their applications. This includes exploring the use of a scorecard or dashboard style approach to application processing monitoring.
- g) Significant improvements to online information and templates available for applicants to submit land development applications.
- h) Improvements to the Public Notification system in the LDA to facilitate improved communication with the public about upcoming or ongoing development applications in their area. This will significantly improve ongoing public involvement with the Land Development process.
- i) Tighter integration with the Permits and Licenses system and the Financial Accounting System (SAP).

## Project Cost Breakdown

Hardware / Software \$ 800

Last Updated: 18-NOV-2010

\$ 800

## Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: Land Development Application System Enh.

08-17-3037

j) Improved integration and new workflow for connecting with the Spatial System (SLIM).

### Justification

The Land Development Application system is a critical operating system for the Planning and Development department. In some cases this may be the first and most important touch point with the developer community in their interactions with the City. Currently there are significant business process and technical system challenges with the Land Development Application system that continue to create wide-spread dissatisfaction and frustration in the customer base with concerns related to openness, redundant steps, work-stopping problems, lack of accurate end-user reporting or monitoring tools, poor financial controls and a dysfunctional web interface.

At the same time, this project will seek to incorporate recent advances in technology that enable advanced functionality such as the online submission and circulation of engineering drawings and plans, online electronic signatures on documents which in combination with process improvements would greatly improve the operational efficiency of the overall process and hence the customer experience.

Source of Estimates      Detailed Design: +/- 20%

### Change from Previous Approval

This project has been delayed due to unavailability of both internal and external resources, necessitating a cash flow of \$600 from 2010 to 2011.

Last Updated: 18-NOV-2010

COMPOSITE		<b>Planning &amp; Development</b> (thousands of dollars)						
PROGRAM:		Planning & Development						
PROJECT NAME:		Computer System Upgrade Program					09-17-3128	
Group-Criteria:		D-100 Projects With Budget Approval			Project Manager: Landry E.			
Outcome:		Diversify Edmonton's Economy			Focus: Improve the capacity/capability of delivery			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		369	93	-	-	-	-	462
Change		-	-	-	-	-	-	-
Revised Budget		369	93	-	-	-	-	462
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	202	206	210	618
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	202	206	210	618
TOTAL CAPITAL EXPENDITURE PLAN		369	93	-	202	206	210	1,080
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing (non-TCA)	-	29	-	-	-	-	-	29
General Financing	-	340	93	-	202	206	210	1,051
Total Financing	-	369	93	-	202	206	210	1,080
<b>Description</b> This program is set up to establish an ongoing upgrade program for computer related infrastructure (including business applications) in the Planning and Development Department, that is not currently funded by the IT Branch. This program also provides for hardware and software required to support emergent business needs. This capital budget ensures that the Department can maintain an approved level of technology.  Essentially, this project is made up of three parts: 1) Application replacement / enhancements required to support Corporate and Department business plan directives and emergent business needs. 2) Hardware / Software upgrades to provide for additional capacity (e.g. disk, server, etc.) due to growth, and to maintain supported levels of software. Growth will occur due to increased business and an increase in the number of users. 3) Replacement of computing infrastructure that is not planned for and funded by IT Branch. This includes plotters, printers, scanners, etc. to ensure the Department can maintain an approved level of technology.  The projects proposed support various department operations essential for the delivery of department outcomes. Specific projects are reviewed annually against legislated requirements and department goals to determine priorities. This project will not generate any operating impacts.  <b>Justification</b> This project is in part mandated by Senior Management Team to maintain current and supported levels of hardware and software. Growth continues to occur in POSSE and SLIM as a result of increased usage and an increase in business volume. It is the responsibility of the Department to acquire capital funding to purchase the computing resources needed to accommodate new growth and emergent								
					Project Cost Breakdown Hardware / Software      \$              462			
Last Updated: 19-APR-2010					\$              462			

COMPOSITE

## Planning & Development

PROGRAM:	Planning & Development
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PROJECT NAME:	Computer System Upgrade Program
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09-17-3128

business requirements.

Source of Estimates	Award: +/- 10%
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Last Updated: 19-APR-2010

## Planning & Development

(thousands of dollars)

PROGRAM: Planning &amp; Development

PROJECT NAME: TACS Enhancements / Replacements

08-17-3151

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Klassen G.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	500	5,784	1,300	-	-	7,584
Change	-	-	-	-	-	-	-
Revised Budget	-	500	5,784	1,300	-	-	7,584

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	500	5,784	1,300	-	-	7,584
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	316	2,084	-	-	-	2,400
Financial Stabilization Resrv.	-		-	184	-	-	-	-	184
Munc Sustain. Initiative - MSI	-		-	-	3,700	1,300	-	-	5,000
Total Financing	-		-	500	5,784	1,300	-	-	7,584

## Description

TACS is an in-house custom designed software application responsible for the billing and collection of over \$1 billion annually. The foundation to this taxation component is the data warehouse for all property information (currently over 310,000 accounts) and the functionality to calculate assessed values annually that meet or exceed provincial valuation standards to ensure the City and provincial education property tax requirements are distributed equitably. The system also has a business assessment and taxation component (municipal business assessment-tax will be phased out in 2011; however, the system will still be used to calculate Business Revitalization Zone assessments).

## Justification

The system is critical to the financial stability of a significant revenue source for the City of Edmonton. The current assessment and taxation program is approaching a 15 year life cycle and requires significant reprogramming or alternatively replacement with an off the shelf package. The Office of the City Auditor also recommended that Administration review alternative software applications. All efforts will be focused on ensuring overall the most cost effective (annual maintenance costs, future enhancements and user efficiencies) option is chosen. Additionally, opportunities exist with additional technology that can be used to enhance the TACS system to better identify changes/improvements to a property to more accurately reflect property characteristics and provide improved customer service and transparency to property owners.

## Project Cost Breakdown

Hardware / Software \$ 7,584

Last Updated: 18-NOV-2010

\$ 7,584

## Planning &amp; Development

PROGRAM: Planning &amp; Development

PROJECT NAME: TACS Enhancements / Replacements

08-17-3151

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

This project has been delayed due to the unavailability of both internal and external resources, necessitating a cash flow of \$1,784 from 2010 to 2011.

Last Updated: 18-NOV-2010

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)								
PROGRAM:		Corporate Services								
PROJECT NAME:		Information Management Infrastructure					09-18-0001			
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Moore C.					
Outcome:		Diversify Edmonton's Economy			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		3,295	2,496	8,354	-	-	-	14,145		
Change		-	-	-	-	-	-	-		
Revised Budget		3,295	2,496	8,354	-	-	-	14,145		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	5,356	5,356	5,356	16,068		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	5,356	5,356	5,356	16,068		
TOTAL CAPITAL EXPENDITURE PLAN		3,295	2,496	8,354	5,356	5,356	5,356	30,213		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		3,126	1,964	8,354	5,356	5,356	5,356	29,512
Land Fund Retained Earnings		-		-	532	-	-	-	-	532
General Financing (non-TCA)		-		169	-	-	-	-	-	169
Total Financing		-		3,295	2,496	8,354	5,356	5,356	5,356	30,213
<b>Description</b> <p>The Information Management Infrastructure budget directly supports the City's Business Applications and Office Systems. The three year program, 2009 thru 2011 will see the replacement of the infrastructure for a significant number of these applications.</p> <p>Subject to detailed planning, examples of these application infrastructure replacements include public self-service for Bus Schedule and Transit Information (Buslink); Dispatch of Disabled Adult Transit Services(DATS); Public on line registration for Community Services programs and facility bookings; and pets registration (CLASS); Real time monitoring of the City-wide Drainage System (SCADA) and management software for Transit Call Centre (Dictaphone).</p> <p>In particular, this profile makes provision for the replacement of functionally obsolete storage, and network components as well as elements for virus protection and security against unauthorized access to the City network. Obsolete components of the infrastructure for the City's online data storage (SAN), databases, and infrastructure level services will be replaced (such as security authentication services). Functionally obsolete network components connecting City buildings will also be replaced.</p> <p>This project will not generate any operating impact.</p> <p><b>Justification</b></p> <p>Failure to replace these systems 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</p>										
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Hardware / Software      \$            14,145         </div>										
Last Updated:		17-NOV-2010			\$            14,145					



COMPOSITE		Corporate Services	
PROGRAM:	Corporate Services		
PROJECT NAME:	Information Management Infrastructure		09-18-0001
<p>risk of failure and cost of maintenance, and minimizes the risk of extended service interruptions because of obsolete equipment.</p>			
<p>Change from Previous Approval</p> <p>#68 Cash Flow - to 2011 due to project startup delays</p>			
<p>Last Updated: 17-NOV-2010</p>			

# Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: E-Business (Web Renewal)

02-18-0005

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Klatchuk R.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10,330	124	-	-	-	-	10,454
Change	-	-	-	-	-	-	-
Revised Budget	10,330	124	-	-	-	-	10,454

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	1,500	-	-	1,500
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	1,500	-	-	1,500

## TOTAL CAPITAL

## EXPENDITURE PLAN

10,330	124	-	1,500	-	-	11,954
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Excess Sinking Fund Earnings	-	1,400	-	-	-	-	-	1,400
General Financing	-	8,930	124	-	1,500	-	-	10,554
Total Financing	-	10,330	124	-	1,500	-	-	11,954

## Description

The purpose of this funding is to put 311 statistics on our websites. First for internal staff

Internet Vision: Reflecting Edmonton's position as one of Canada's greatest cities, edmonton.ca is the best city website in Canada, and among the leaders in the world.

Intranet Vision: The City of Edmonton's Intranet will inspire, inform and motivate City employees, enabling us to better do our jobs and contribute to Edmonton being one of Canada's greatest cities.

The need for strong corporate web stewardship, with a mandate for continuous improvement is driven by three primary factors:

- \* Our citizens and employees are demonstrating increased use of the Internet and the City's websites;
- \* our population is growing, resulting in a projected need for increased services, and citizens;
- \* other stakeholders are demanding new and more extensive self-service access to government.

In 2008, the websites will need to be significantly enhanced to address growing service demands and the requirements of new approaches to business interactions with customers (e.g. 311). Web Operations projects planned for 2008 and beyond will focus on the growth and solidification of website governance, technologies and ongoing stakeholder input (local and global).

## Justification

Use of the City's sites has grown rapidly over the past five years and we are expecting the trend to continue. For the benefit of both citizens and the

## Project Cost Breakdown

Licensing Cost	\$	5,755
Application Development		4,699

Last Updated: 07-MAY-2010

\$ 10,454

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: E-Business (Web Renewal)

02-18-0005

corporation, the City needs to offer expanded Web site services. Edmonton's reputation on the world's business "map" depends on solid, accurate and current information. Ensuring that information, new services and new interaction mechanisms, remain up-to-date is critical to maintaining the City's reputation on the local, national and international stage. New residents are moving to Edmonton as a result of the incredible growth in our province, and in particular, the northern development boom. Having a strong message to deliver to new residents, with an easily navigable, up-to-date and accessible web site, is critical to attracting, retaining and engaging those new residents.

Edmonton is also facing increased demands on its current services. Our population is growing at a rate of approximately 1.5% per year. In the next five years, we will have almost 50,000 more residents. Web-based initiatives support the need for increased services at reduced costs by shifting routine services and transactions from more expensive service delivery methods, such as in-person and mail-in, to the lower cost service delivery on the Internet. The Corporate Web Operations Office is needed as a fundamental part of the City's ability to function and deliver services via the website. In addition to that, it is a keystone for subsequent initiatives such as 311 and will enable the City to leverage investments made in 311 and other programs to increase the effectiveness and satisfaction of citizens and businesses interacting with the City. Loss of funding at this stage would seriously undermine the City's ability to manage growth, gain efficiencies and respond quickly to changing times and citizen demands. The corporation also relies on its internal website as an effective way to provide employees with the information they need to do their jobs.

If not funded, the new ideas for self-service and efficiency gains will not be realized and citizens could potentially stop interacting, via the Internet, with the City should they find it no longer meets their changing demands. The opportunity to gain recognition nationally and internationally would also be severely hampered.

Measuring success with on-going metrics needs to become a way of managing our web presence internally and externally. If results fall short of expectations, initiatives will be re-evaluated and re-directed. All web-based initiatives need to be designed, measured and if necessary, modified to improve service to customers resulting in increased satisfaction for customers and reduced cost for the City. This will be the mandate of the new Corporate Web Operations Office.

Source of Estimates Detailed Design: +/- 30%

Last Updated: 07-MAY-2010

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: E-Business (Web Renewal)

02-18-0005

Impact on Operations	2010	2011	2012	2013	2014
Maintenance	300	-	150	150	150
Total Impact	300	-	150	150	150

Last Updated: 07-MAY-2010

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)								
PROGRAM:		Corporate Services								
PROJECT NAME:		Systems Software Infrastructure					09-18-0014			
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Moore C.					
Outcome:		Diversify Edmonton's Economy			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		306	435	1,522	-	-	-	2,263		
Change		-	-	-	-	-	-	-		
Revised Budget		306	435	1,522	-	-	-	2,263		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	1,000	1,000	1,000	3,000		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	1,000	1,000	1,000	3,000		
TOTAL CAPITAL EXPENDITURE PLAN		306	435	1,522	1,000	1,000	1,000	5,263		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		306	435	1,522	1,000	1,000	1,000	5,263
Total Financing		-		306	435	1,522	1,000	1,000	1,000	5,263
Description										
<p>The Systems Software Infrastructure project maintains products at levels supported by the vendor and which supports the products and services required by city departments to provide services to the citizens of Edmonton.</p> <p>Planned activities for 2009 thru 2011 include:</p> <p>Significant upgrade to the Microsoft Office desktop productivity software for document creation, calendaring and email (MS Office / MS Outlook); upgrades to server-side Virus Scanning and anti SPAM products (Scan Mail / Office Scan / IMSS); upgrades to the thin-client desktop environment for mobile/remote field workers; significant upgrade to the back-end database software (MS SQL and Oracle) on which most critical City applications are based.</p> <p>Most upgrades are required to continue to keep The City desktop computing environment stable and secure and to ensure that software support is available from the vendors in the event of a service disruption.</p> <p>This project will not generate any operating impact.</p>										
Justification										
<p>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. In order to ensure compatibility of the city's applications some software changes are forced by the need to upgrade other software.</p>										
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>Project Cost Breakdown</b>            Hardware / Software      \$            2,263         </div>										
Last Updated:		26-NOV-2010			\$            2,263					

COMPOSITE		Corporate Services	
PROGRAM:	Corporate Services		
PROJECT NAME:	Systems Software Infrastructure		09-18-0014
<p>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.</p> <p>Change from Previous Approval</p> <p>#68 Cash Flow - to 2011 due to project startup delays</p>			
<div>Last Updated: 26-NOV-2010</div>			

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Mobile Data Communications

03-18-0334

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Rozmahel K.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,511	262	-	-	-	-	3,773
Change	-	-	-	-	-	-	-
Revised Budget	3,511	262	-	-	-	-	3,773

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,511	262	-	-	-	-	3,773
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		3,511	262	-	-	-	-	3,773
Total Financing	-		3,511	262	-	-	-	-	3,773

## Description

This project is to establish the foundational infrastructure for Mobile Data Communications which will enable departmental plans to provide mobile communications and access to information for City field workers and vehicles.

A Wireless Network will be created to allow communication to City systems from any location in the City of Edmonton.

In 2006 Technology and Vendor selection was completed and a process to identify the appropriate frequency and a pilot project to prove that the technology works in the City's environment was commenced.

In 2007 the pilot will be completed and construction of the fixed Wireless Network will be commenced. Construction and implementation of the full network will be completed in 2008.

This project will not generate any operating impact.

## Justification

This infrastructure will establish a basic environment on which to build business applications for location independent uses, such as communication with mobile workers, monitoring mobile equipment, or providing location dependent information to workers or citizens. The infrastructure has been planned to meet needs identified to the IT Branch by customer departments.

Among the initiatives that will require this infrastructure are:

-Disabled Adult Transportation System (DATS) Dispatch  
 -Global Positioning System and Automated Vehicle Location initiatives in Drainage, Roadways, -Emergency Response Department, and Asset Management and Public Works.

## Project Cost Breakdown

Hardware	\$	3,773
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Last Updated: 19-APR-2010

\$	3,773
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## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Mobile Data Communications

03-18-0334

-On-board Vehicle Diagnostic initiatives in Drainage Mobile Equipment Services, and Roadways.

These initiatives cannot proceed without the underlying infrastructure and management tools. Implementation of a managed mobile data infrastructure will increase opportunities for well integrated applications and data, and opportunities for economies of scale.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 19-APR-2010



## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Automated Remittance System

06-18-0401

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Mulyk E.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	542	14	-	-	-	-	556
Change	-	-	-	-	-	-	-
Revised Budget	542	14	-	-	-	-	556

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

542	14	-	-	-	-	556
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		542	14	-	-	-	-	556
Total Financing	-		542	14	-	-	-	-	556

## Description

The funding will provide for the purchase of equipment for the daily automated processing of payments made to the City, EPCOR, EPCOR Merchant Capital (EMC) and Alberta Energy Savings LP (AESLP). Replacement of the Unisys S4000 machine is needed as it is 15 years old and parts are uncommon. This also includes upgrading the server and replacing the microfilm component with imaging on the current DP500 payment processor.

## Justification

Approximately \$600,000 in revenue is collected annually by processing payments for EPCOR, EMC and AESLP. Without the replacement of the Unisys S4000, the City can not fulfill its contractual obligation of same day processing. Because of this, there is a risk of discontinuation of contracts resulting in lost revenue for the City. Customer accounts, including the City's, would experience delays (2-3 days) in crediting payments which can result in late penalty charges, disconnection of services and conviction in absence. In addition the interest loss resulting in not processing and depositing payments same day would be estimated at \$70,000 per year.

Lack of funding for the project jeopardizes the revenue collected from our contractors, 1 FTE required to work an extra shift costing approximately \$45,000 per year, payments & deposits not made the same day resulting in loss of interest, delays in crediting customer accounts and a backup machine is not available for the existing payment processor.

The operating budget of \$60,000 currently provides for service contracts for existing hardware and software. The imaging component will replace the microfilm services and products estimated at \$10,000 per year.

Customer service representatives for the City, EPCOR, EMC and AESLP will be able to view payments on line. Current practice is to provide a hard copy

## Project Cost Breakdown

Contract Work	\$	165
Personnel		115
Software		105
Hardware		270

Last Updated: 02-JUN-2010

\$ 655

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Automated Remittance System

06-18-0401

(microfilm) of the payment which takes up to 4 days to produce.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 02-JUN-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Mobile Radio (Wireless) Equip Replace

06-18-0402

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Crone H.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>							
Existing Plan Expenditures	-	-	-	-	-	1,500	1,500
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	1,500	1,500
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>	-	-	-	-	-	1,500	1,500

Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	-	-	-	-	-	1,500	1,500
Total Financing	-	-	-	-	-	-	1,500	1,500

**Description**

The funding for this project is required in 2011 to 2014.

In 2003, Telus discontinued the Two-way Voice radio system used by a number of City operating units. A capital program was established to increase the capacity of the Public Safety Radio System operated by EPS and to move the City users on to that system. The system became known as the Public Safety Public Service Radio System with a joint EPS, City steering committee.

This budget is primarily for replacement of the two-way voice radio equipment that was obtained in the period 2003-2005. The program relates specifically to end user equipment, either installed in vehicles or hand held, which will be nearing end of life or failing. It is anticipated that the requirements will have changed by this time to move towards converged voice and data. The wireless network infrastructure may be City-operated or may be a public service operated by a commercial vendor. Either way end-user equipment will be required.

The equipment in question is in Roadway Maintenance, Traffic Operations, Drainage Operations and Construction, Mobile Equipment, Waste Management, Community Services, Parks and Bylaw Enforcement.

The program will repeat every 5-9 years depending upon the life cycle of the equipment.

**Operating Budget Impacts:**

The original program created net annual operating budget savings of about \$50,000. In many cases the radio system provides a cost-effective way to meet "Working Alone" legislation requirements. The funding is required in 2011 to 2014.

Project Cost Breakdown	
Communication Infrastru\$	3,500

Last Updated: 09-FEB-2010

\$ 3,500

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Mobile Radio (Wireless) Equip Replace

06-18-0402

## Justification

The two-way voice radio system is critical to the dispatch and operation of workers in the field. It also provides emergency communication capabilities for workers, which is critical for staff working alone. Group communication facilities across public service workers and public safety workers is invaluable in major events.

By choosing an enterprise wide approach and solution throughout the City of Edmonton, effective and reliable communication within and between all operational areas is possible. The enterprise wide approach is also effective in optimising the total cost of ownership for the system by avoiding duplication of operating costs.

Reliance on cell-phone technology is not advised in emergency situations, when its capacity may be over-extended.

If the equipment is not replaced, repair costs will mount and some service may be lost completely.

Source of Estimates Conceptual: +/- 50%

## Total Project Cost /Timing (in \$000's)

Completion Year:	Total Project Costs:	\$5,294	Expenditures Beyond CPP Period:	\$3,794
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Last Updated: 09-FEB-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Identity Management

06-18-0403

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,277	188	-	-	-	-	1,465
Change	-	-	-	-	-	-	-
Revised Budget	1,277	188	-	-	-	-	1,465

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,277	188	-	-	-	-	1,465
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing (non-TCA)	-	66	-	-	-	-	-	66
General Financing	-	1,211	188	-	-	-	-	1,399
Total Financing	-	1,277	188	-	-	-	-	1,465

## Description

This Project is a foundational infrastructure project on which a number of important city initiatives will be built. Identity Management entitles uniquely identified individuals, (citizens and/or staff) access to the City's information and services in a secure manner. It greatly enhances the city's capability to deliver services to citizens electronically and increases opportunities for e-business and mobile service delivery. It also puts in place the infrastructure to allow authorized users to sign on once to the network and gain access to all authorized City applications

Among the major corporate initiatives that require or will benefit from secure identity management of individuals, are:

- 311
- POSSE on the Web and POSSE on the Web II
- POSSE Upgrade Phase II and Phase III
- E-Business program (lands sales, citizen data sharing and collaboration)
- Transit Fare Collection System (smart cards and electronic identity of citizens)
- Transit DATS replacement / upgrade ( Web based DATS Scheduling and Client Registration)
- Transit Intelligent transportation Systems
- Broad-band wireless infrastructure for in-field workers.

## Justification

There are many plans to improve city services through use of electronic and mobile technologies. For many of these services clearly and uniquely identifying citizens and staff is vital. This project has been identified and prioritized by the IT Business Process Council as a foundation initiative within the Corporate IT Strategic Plan. The Identity Management initiative is a key enabler

## Project Cost Breakdown

Hardware	\$	180
Personnel		294
Consulting		465
Hardware / Software		526

Last Updated: 01-JUN-2010

\$ 1,465

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Identity Management

06-18-0403

for many current and future projects.

Many of the initiatives identified require secure identification of individuals.

Building a shared Identity management environment is the most efficient and cost effective way to do it. Without this initiative the ability to manage 'who you are' electronically and to meet the ever increasing demands and requirements for secure electronic information transfers is jeopardized.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 01-JUN-2010

# Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Citizens Telephone Access -311

06-18-0404

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Klatchuk R.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	8,171	1,000	-	-	-	-	9,171
Change	-	-	-	-	-	-	-
Revised Budget	8,171	1,000	-	-	-	-	9,171

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

8,171	1,000	-	-	-	-	9,171
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Operating Surplus (FSR)	-	1,077	-	-	-	-	-	1,077
Drainage Retained Earnings	-	200	-	-	-	-	-	200
Other	-	6,894	1,000	-	-	-	-	7,894
Total Financing	-	8,171	1,000	-	-	-	-	9,171

## Description

New federal regulations have opened the door for municipalities to offer citizens access to non-emergency municipal services and information by using a single, easy-to-remember phone number - 311. Many larger municipalities in Canada are either in the process of considering how to implement 311, or have already implemented. Citizens will soon expect to be able to access municipal services and information about a city using 311, regardless of which city they are in at the time. 311 will become as universally known as other N11 numbers such as 411 for directory listings, 611 for telephone trouble reporting, 911 for emergencies and the recently introduced 211 for social services or the soon-to-be introduced 811 for health care.

At the City of Edmonton, citizens are currently faced with the choice of 250+ published phone numbers to receive service, register complaints or report problems. Citizen's either call the wrong number and end up transferred around to multiple departments or give up before they even call. The perceptions of the services provided by the City and government accessibility, are directly impacted by the ease of contact and the ability to get the service required as quickly as possible with one call. 311, a single, easy-to-remember number, common to all municipalities in the country and accessible 24 hours a day, 7 days a week, will increase access and service delivery to citizens of Edmonton. With 311 linked directly to the City's web site, with a standard knowledge repository and a single group answering the calls, the consistency of answers and the ability to check on the status of a problem or service request, are also significantly increased. In addition, as more municipalities across the country adopt 311, the demand for this level of service by the citizens of Edmonton will grow.

## Project Cost Breakdown

Contract	\$	375
Land & Building		1,500
Software/Contract		6,625
Client training		1,500

Last Updated: 07-SEP-2010

\$ 10,000

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Citizens Telephone Access -311

06-18-0404

Internally, a 311 service will provide the Administration with statistics on City operations through reporting on service requests and delivery. It will enable the City to track citizen concerns and input in a coordinated manner. It will address the need of Edmonton to continue to meet increased growth demands with lower operating costs. A consolidated 311 call centre will make it easier to respond to and communicate responses during major events.

For 2010 Customer Information Services will upgrade the call centre telephony tools with Cisco UCCX. This provides consistency to the organization on a single platform for call centre technologies. The City will not have the need to maintain two separate infrastructures. 311 will be able to quickly route calls to different queues for emergency events, high volume calls, self service options, and training transition. The queues can be staffed based on skill and training providing an efficient and effective customer experience.

### Justification

311 or single telephone number, has already, or is being implemented in several Canadian cities including Calgary, Ottawa, Gatineau, Halifax, Windsor and Toronto. The opportunity created by the CRTC with approval of the use of 311, allows the City of Edmonton to upgrade citizen access to City services from 250+ numbers to a single, easy-to-remember, 24/7 number. A 311 service will also provide increased ability to meet service delivery growth with efficiency gains helping avoid costs of increased growth. Decreased cost per minute in the 311 call center will result in savings immediately after implementation of over \$2.2 million per year by the end of the fourth year of operations. The 311 service will help avoid costs of increasing service demands for call centers. The city will also avoid \$300,000 annually due to cost of growth.

Source of Estimates                      Conceptual: +/- 50%

### Change from Previous Approval

311 - reduce by 829K due to changes in cost. 1M remaining for project completion of IVR, Telephony and Disaster Recovery.

Last Updated: 07-SEP-2010



COMPOSITE		<b>Corporate Services</b> (thousands of dollars)						
PROGRAM:		Corporate Services						
PROJECT NAME:		Business Process Management (ERP)					09-18-0406	
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Moore C.			
Outcome:		Diversify Edmonton's Economy			Focus: Other--maintenance of current service standards			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		730	1,787	1,338	-	-	-	3,855
Change		-	-	-	-	-	-	-
Revised Budget		730	1,787	1,338	-	-	-	3,855
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	1,132	1,052	1,152	3,336
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,132	1,052	1,152	3,336
TOTAL CAPITAL EXPENDITURE PLAN		730	1,787	1,338	1,132	1,052	1,152	7,191
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	730	1,787	1,338	1,132	1,052	1,152	7,191
Total Financing	-	730	1,787	1,338	1,132	1,052	1,152	7,191
<b>Description</b> This project covers IT foundational work required to ensure that the City's Enterprise Applications (SAP, PeopleSoft, SLIM and POSSE) are effectively and efficiently managed and maintained. These applications have been utilized for approximately ten years and while significant investment has been made to implement and upgrade these systems, as well as to merge legacy systems into them, they now require foundational investments to be made.  Foundation projects planned for 2009-11 include: - Data Archiving - Spatial Information System Architecture review - Create foundational datamarts for use in BI analysis, etc. - Convert Executive Information System to new BI Toolset - System Landscape reviews and revisions - Update of maps on the web functionality - Update mechanism for uploading documents on the web for POSSE - Implement Solution Manager system for system change management  Funding to implement significant new Enterprise Application functionality including new modules will be submitted separately. Approximately ten years ago the City adopted an ERP application strategy for the city's core business applications. This strategy was initially developed by Gartner Group Consulting in 1999, and while the strategy has been internally reviewed and revised a number of times, the underlying principles and recommendations remain intact.  Enterprise Applications are defined as; an approved suite or grouping of individual business software applications covering the common business processes or functional areas of an enterprise in such a way that the applications are integrated to form a single `enterprise wide? application based on common data, rules, definitions and								
					Project Cost Breakdown Hardware / Software      \$            3,855			
Last Updated:		15-NOV-2010			\$            3,855			

COMPOSITE	Corporate Services	
PROGRAM:	Corporate Services	
PROJECT NAME:	Business Process Management (ERP)	09-18-0406
<p>protocols. When implemented effectively, ERP enables organizations to provide cost effective services that break down traditional organizational silos, replacing them with a tightly integrated horizontal structure in which strategy, organizational structure, process and technology are closely aligned.</p> <p>The ERP 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, the Enterprise (ERP) Applications (SAP, PeopleSoft, SLIM &amp; POSSE), 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 and ensuring they are consistently applied across the corporation, and are aligned with departmental and corporate strategic objectives.</p> <p><b>Justification</b></p> <p>It is important to include foundational or sustaining projects within the IT project portfolio (along with innovation and growth projects) in order to manage risk, refresh the infrastructure, and maintain performance of the business applications.</p> <p>Risks of not funding this project include;</p> <ul style="list-style-type: none"> <li>- sustainability of the enterprise applications will become inefficient, resulting in increased operating and maintenance costs</li> <li>- not effectively utilizing the technology enablers provided within the enterprise applications</li> <li>- management of enterprise applications will not be optimized resulting in increased operating and maintenance costs</li> <li>- New foundational technologies will be not effectively and efficiently integrated into the enterprise applications.</li> </ul> <p>Risks associated with the specific projects include:</p> <ul style="list-style-type: none"> <li>- Without data and document archiving, data bases sizes will continue to grow resulting in both increased complexity and effort to refresh the system infrastructure, perform upgrades, and recovery from failures.</li> <li>- If required reporting currently on the Executive Information System (EIS) is not converted to the new BI Toolset and the existing system decommissioned, both system will have to be maintained, resulting in increased operating and maintenance costs.</li> <li>- If foundational data marts are not created, the creation of data marts may be done on a piecemeal basis resulting in less than optimal data structures, and the adoption and acceptance of the new BI toolset will be impacted. This would result in the City not maximizing their investment in this toolset.</li> </ul> <p>The current maps on the web both to the public (maps.edmonton.ca) and internally via the intranet have become outdated and are no longer able to fully support anticipated applications requirements across all departments. This project will develop the fully integrated GIS mapping site and create the infrastructure to provide the flexibility to deliver targeted maps on the web for specific business needs (such walkable Edmonton, 311 statistics, Great Neighborhoods).</p>		
Last Updated:	15-NOV-2010	

COMPOSITE

## Corporate Services

PROGRAM:	Corporate Services
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PROJECT NAME:	Business Process Management (ERP)
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09-18-0406

### Change from Previous Approval

#70 Similar projects combined. Transfer within department funds moved from 09-18-0416 Upgrades Business Process Mgmt.

Last Updated: 15-NOV-2010

# Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Back Up Recovery Infrastructure Renewal

06-18-0408

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,836	50	-	-	-	-	1,886
Change	-	-	-	-	-	-	-
Revised Budget	1,836	50	-	-	-	-	1,886

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	1,836	50	-	-	-	-	1,886
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		1,836	50	-	-	-	-	1,886
Total Financing	-		1,836	50	-	-	-	-	1,886

## Description

The backup/recovery infrastructure renewal project will provide the City with the capability to recover lost or corrupted data. This will ensure that data required to support City services can be recovered in the event of a catastrophic failure to the City's computing infrastructure.

The amount of data stored in the City systems has continued to grow and a centralized storage system has been implemented as the most effective means to store and manage the growing volume of data.

There are approximately 280 major servers in the City supporting the business environment.

The existing backup/recovery infrastructure is unable to recover more than two or three major applications within a three day period. Plans to implement records management strategies or to meet legislative requirements for electronic retrieval and retention are limited in the current environment.

In 2006 the following activities have been completed.

- Backup and Archiving Software has been upgraded
- Additional disk has been installed to speed up data backup and recovery
- New Technology tape drives acquired to improve speed of backups and to extend the period of data retention for recovery purposes
- The SAN environment has been upgraded.

In 2007 the following activities are planned.

- Information lifecycle management will be implemented which will organize data according to the retention and access requirements
- Regular recovery testing will be scheduled to ensure critical data can be recovered in the event of a disaster.

Project Cost Breakdown	
Consulting	\$ 425
Hardware	1,225
Software	250
Hardware / Software	100

Last Updated: 19-APR-2010

\$ 2,000

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Back Up Recovery Infrastructure Renewal

06-18-0408

## Justification

The current backup/recovery infrastructure does not meet the business needs of the corporation. System failure of the centralized storage system would disable all of the City's key business applications (SAP, POSSE, DATS, etc) for an extended period of time and have a catastrophic impact to the service delivery to the citizens of Edmonton.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 19-APR-2010

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)								
PROGRAM:		Corporate Services								
PROJECT NAME:		Upgrades Business Process Mgt (ERP)					09-18-0416			
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Moore C.					
Outcome:		Diversify Edmonton's Economy			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		734	-	-	-	-	-	734		
Change		-	-	-	-	-	-	-		
Revised Budget		734	-	-	-	-	-	734		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	200	250	100	550		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	200	250	100	550		
TOTAL CAPITAL EXPENDITURE PLAN		734	-	-	200	250	100	1,284		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		734	-	-	200	250	100	1,284
Total Financing		-		734	-	-	200	250	100	1,284
<b>Description</b> This profile covers ongoing project expenses required to upgrade the core business applications. For the 4 enterprise applications (SAP, PeopleSoft, SLIM & POSSE), the City has entered into agreements with software vendors, requiring the City to upgrade the software, according to vendor upgrade schedules, in order to receive support. It should be noted that PeopleSoft has not been included in the profile, at this time, as upgrades have been put on hold until a conversion strategy is determined. The upgrade project cost estimates include: - Additional hardware requirements resulting from the upgrades - Team training on new functionality - Funds to backfill for City application support resources dedicated full time to the upgrades - Overtime required due to the upgrade (BSS & IT resources) - External consulting where required.  This project will not generate any operating impacts. This profile covers costs required to upgrade the City's core business applications. The City has entered into agreements with software vendors for its four enterprise applications (SAP, PeopleSoft, SLIM & POSSE), requiring upgrades to the software according to vendor upgrade schedules, in order to receive support. It should be noted that PeopleSoft has not been included in the profile, at this time, as upgrades have been put on hold until a conversion strategy is determined.										
<b>Justification</b> Due to the pace at which technology changes, the City has moved from developing corporate applications in-house as it is more cost effective to license software from third party vendors who have greater development resources available to them. However, again due the pace at which technology is changing constant										
Project Cost Breakdown Hardware / Software      \$              734										
Last Updated:		15-NOV-2010			\$              734					

COMPOSITE	Corporate Services	
PROGRAM:	Corporate Services	
PROJECT NAME:	Upgrades Business Process Mgt (ERP)	09-18-0416
<p>software upgrades are unavoidable. To take advantage of the development being paid for through license fees and to maintain vendor support it is critical to stay current with software versions. The City needs to plan and budget for software upgrade projects on an ongoing basis, as they require significant resources to implement.</p> <p>To effectively perform the required upgrade, support resources will require training for the upgraded software. Also, in order to continue to provide support to existing users during the upgrade, there is a requirement to backfill positions so that some resources can be dedicated to the upgrade on a full-time basis. Other resources will be required to work overtime in order to fulfill both the on-going support and upgrade responsibilities. These are major version changes, therefore to ensure an efficient and effective upgrade; external consulting resources may be required.</p> <p>In 2008 significant new components will be implemented in the SAP application, including the 311 Interaction Centre, Business Intelligence, Enterprise Portal and Solution Manager, as the result of other capital projects. This will result in additional upgrades being required for these new components, and therefore, the upgrade project projections have been increased.</p> <p>Change from Previous Approval</p> <p>#70 Treansfer within Department move funds between similar projects.</p>		
Last Updated:	15-NOV-2010	

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Incident Management

07-18-0504

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Jarman A.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	241	333	-	-	-	-	574
Change	-	-	-	-	-	-	-
Revised Budget	241	333	-	-	-	-	574

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	324	-	-	-	-	324
Operating Surplus (FSR)	-		-	9	-	-	-	-	9
Operating Surplus	-		241	-	-	-	-	-	241
Total Financing	-		241	333	-	-	-	-	574

## 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.

## 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.

Source of Estimates Conceptual: +/- 30%

## Project Cost Breakdown

Contract \$ 500

Last Updated: 03-NOV-2010

\$ 500



## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Asset Accounting Implementation

07-18-0507

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Rosychuk R.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,248	52	-	-	-	-	3,300
Change	-	-	-	-	-	-	-
Revised Budget	3,248	52	-	-	-	-	3,300

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,248	52	-	-	-	-	3,300
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		3,248	52	-	-	-	-	3,300
Total Financing	-		3,248	52	-	-	-	-	3,300

## Description

The Asset Accounting Project will define, design, develop, and implement an asset accounting process and system that will be part of the Enterprise Resource Planning (ERP) Strategy and will enable the city to manage their capital investments. In 2004, Drainage Services implemented the Asset Accounting module to meet utility requirements. This project will roll out the initial implementation by Drainage Services to the entire corporation. Included in this project will be the collaboration of the remaining departments to define, analyze, inventory and record all Capital Assets held in their departments. Example of capital assets include: buildings, vehicles, roads and other infrastructure. This project will include establishing historical costs and depreciation values.

Operating Impacts - See Service Package (Regulatory Compliance for Tangible Assets)

## Justification

New requirements and legislation, that have been tabled by the Public Sector Accounting Standards board will be implemented and will require all federal, provincial and municipal governments to prepare their financial statements in accordance with accrual accounting principals. This requires that municipalities account for their capital assets using a depreciation approach. The tentative deadline for these new requirements is the year beginning January 1, 2009. Earlier adoption is encouraged. If this project is not undertaken there may be audit issues that will lead to a qualified external audit report and infrastructure grant funding from other levels of government may be adversely affected.

## Project Cost Breakdown

Hardware / Software	\$	500
Other		500
Consultant		2,700

Last Updated: 20-APR-2010

\$ 3,700

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)								
PROGRAM:		Corporate Services								
PROJECT NAME:		Software Applications Sustainability					09-18-0652			
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Sinclair A.					
Outcome:		Diversify Edmonton's Economy			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		224	176	200	-	-	-	600		
Change		-	-	-	-	-	-	-		
Revised Budget		224	176	200	-	-	-	600		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	275	275	300	850		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	275	275	300	850		
TOTAL CAPITAL EXPENDITURE PLAN		224	176	200	275	275	300	1,450		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		224	176	200	275	275	300	1,450
Total Financing		-		224	176	200	275	275	300	1,450
<b>Description</b> The Office of the City Clerk owns several unique software applications, including (but not limited to): Meeting Management System (MMSX) maintained by contractor, OCCTOPUS (document management system) maintained by ITB, Case Inc. (Assessment Review Board file management system) maintained by contractor, OMNIrim (records management system) maintained by contractor; elections office systems (human resource data base) maintained by ITB, FTR (digital recording for Council meetings) maintained by ITB, FOIP system (data base for FOIP applications) maintained by ITB; and technology for conversion to send Council agenda packages to Digital Print Centre maintained by ITB. As well maintenance is required for the Xerox scanner, reduction software, and client access database system. Census application upgrade will be required for the 2008 Census. All of these systems must meet the City of Edmonton technology standards.  All of these systems will require upgrades or changes over the next few years. In the next 2 years the following programs specifically will require attention: - Upgrades to OMNIrim and FIR are anticipated. - Census application upgrade will be required for the 2008 Census. - Changes need to be made to the programming of Occtopus to accommodate the anticipated corporate upgrade to the next version of MS Office. - Further upgrades to Case Inc. are required to comply with Provincial legislative changes.										
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>Project Cost Breakdown</b>          Software \$ 863     <div style="text-align: right;">\$ 863</div> </div>										
Last Updated:		02-JUN-2010								

COMPOSITE	Corporate Services	
PROGRAM:	Corporate Services	
PROJECT NAME:	Software Applications Sustainability	09-18-0652
<p>Justification</p> <p>All of the Office of the City Clerk applications require upgrades from time to time. These upgrades are essential to ensure the functionality, capacity and physical condition of the systems. The services that Office of the City Clerk provides (including management of Council and Committee meetings, operations of elections and census, records management, operation of Assessment Review Board) would be adversely affected if any of these programs failed. MMSX and OCCTOPUS are considered as mission-critical applications.</p> <p>Contractors outside of the City of Edmonton maintain many of these programs and the maintenance agreements do not cover these upgrades.</p>		
Last Updated: 02-JUN-2010		

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Detailed E-Records Business Req'ts

08-18-0653

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Sinclair A.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	275	225	-	-	-	-	500
Change	-	-	-	-	-	-	-
Revised Budget	275	225	-	-	-	-	500

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

275	225	-	-	-	-	500
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		275	225	-	-	-	-	500
Total Financing	-		275	225	-	-	-	-	500

## Description

This proposal is the last "foundational" project required prior to acquisition and implementation of a corporate-wide electronic records management system. This project will document the existing procedures and define the preferred future procedures for the management of electronic records at every business unit level in all departments. It will result in the development of corporate and departmental administrative directives for the consistent management of electronic records. It will also define the requirements for the integration of electronic records management processes into existing business processes and technical environments; it will define the additional information required by the system for records management purposes (the "metadata"); and it will define the hardware and server requirements necessary to support the system in departments and/or across the corporation.

## Justification

This project will complete the series of projects undertaken over the last three years by the e-Records Program: definition of Business Rules; Cost-Benefit and Gap Analysis; analysis of POSSE; ongoing Value Case Assessment; development of Key Performance Indicators; development of a Comprehensive Corporate Records Management Framework; and, development of a Corporate-Wide Function Based Records Classification System. All of these projects, plus this one, prepare the corporation for implementation of an integrated, robust solution for the management of unstructured electronic records.

If this project is not funded, the risk is a lower level of understanding of corporate processes that will threaten the successful implementation of electronic records management processes that is expected to accompany the roll-out of MS Office 2007 sometime in the year 2008. This project, in combination with the information generated in the previous projects, will help ensure wide acceptance of the processes required by all City staff and thus contribute to

Last Updated: 07-MAY-2010

## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Detailed E-Records Business Req'ts

08-18-0653

the realization of the expected benefits of the implementation as soon as possible (e.g., improved efficiencies in all areas of records management regardless of media, reduced requirements for storage media [i.e., servers], reduced requirements for paper storage, improved abilities to share documents between departments, assurance that a given document is authoritative and up to date, improved confidence that legal requirements are being met and that litigation and FOIP processes are faster and more complete).

The overall Electronic Records Management Program is a part of the business plans of both the Office of the City Clerk (OCC Strategic Plan 2006-2008, p. 8) and the Information Technology Branch (Corporate IT Strategic Plan, 2005-2007, pp. 5, 6, 34, 35, plus the Initiative Road Map; and 2006-2008 IT Branch Business Plan, p. 15).

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	70	70	-	-	-
Total Impact	70	70	-	-	-

Last Updated: 07-MAY-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: HRIS Conversion - PeopleSoft to SAP

09-18-0700

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Jackson S.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	286	1,414	1,100	1,400	1,400	-	5,600
Change	-	-	-	-	-	-	-
Revised Budget	286	1,414	1,100	1,400	1,400	-	5,600

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

286	1,414	1,100	1,400	1,400	-	5,600
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		286	1,414	1,100	1,400	1,400	-	5,600
Total Financing	-		286	1,414	1,100	1,400	1,400	-	5,600

## Description

SMT and the Business Process Council have endorsed a business process management focused view of the processes, procedures and business applications used in daily business practices at the City. A strategic plan was developed in 2005 to address the long-term objectives of ensuring that common processes and practices in one department or business unit are leveraged by other departments or business units that perform the same or similar tasks. A common toolset was chosen for this - the Enterprise (ERP) applications, 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 and ensuring they are consistently applied across the corporation, and are aligned with departmental and corporate strategic objectives. As business process management evolves, key processes for improvement are being identified.

This project covers evaluating, designing and implementing the conversion of Employee and Position Management processes from PeopleSoft to SAP, as well as implementation of new functionality and processes. The steps required include gathering business requirements, mapping out the current state, designing target state processes and system functionality, as well as testing and implementing the changes. Also covered is working with various business teams and organizational units to transition them from their current way of doing business to more efficient and effective ways leveraging the ERP applications, while focusing on business value and performance measures.

## 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

## Project Cost Breakdown

Consultant	\$	5,600
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Last Updated: 07-MAY-2010

\$	5,600
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## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: HRIS Conversion - PeopleSoft to SAP

09-18-0700

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. In addition, by 2013, all PeopleSoft users will need to implement Fusion if they choose to stay on an Oracle platform or to move to another platform. The results of a feasibility study show that the cost to implement Fusion significantly exceed those of implementing SAP. As the City has chosen SAP as the financial application, moving to the same platform for the human resource application follows the strategic plan.

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. Also at risk is the City's capability to administer pay and benefits for its employees efficiently and effectively as the implementation period of either platform is about two years.

Source of Estimates Preliminary Design: +/- 30%

Impact on Operations	2010	2011	2012	2013	2014
Personnel	-	958	-	-	-
Total Impact	-	958	-	-	-

Last Updated: 07-MAY-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: ARB Legislative Changes

09-18-0702

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Cleveley T.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	2,063	-	-	-	-	2,063
Change	-	-	-	-	-	-	-
Revised Budget	-	2,063	-	-	-	-	2,063

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	-	2,063	-	-	-	-	2,063
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	513	-	-	-	-	513
Financial Stabilization Resrv.	-		-	1,550	-	-	-	-	1,550
Total Financing	-		-	2,063	-	-	-	-	2,063

## Description

\$1.550 million is required to fund additional space requirements and legislated changes to the electronic system. Executive Committee recommended on November 18, 2009 that funding be allocated from the \$9.5 million one-time funding available for allocation during the 2010 budget discussions.

\$500 relates to space and \$1,050 relates to system enhancement/replacement.

## Justification

The one-time capital funding is required to relocate the operations of the Assessment Review Board (ARB) into a co-located site within the downtown of Edmonton and to put in place the system changes required to support the new legislation and supporting regulations.

## Change from Previous Approval

#70 Transfer funds within department. The original Assessment review board space plans did not include accessible washroom facilities or upgrades to the security systems.

## Project Cost Breakdown

Hardware / Software	\$	2,063
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Last Updated: 15-NOV-2010

\$	2,063
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## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Agenda Preparation &amp; Meeting Mgt System

09-18-0703

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Sinclair A.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	750	-	-	-	-	750
Change	-	-	-	-	-	-	-
Revised Budget	-	750	-	-	-	-	750

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	-	750	-	-	-	-	750
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	750	-	-	-	-	750
Total Financing	-		-	750	-	-	-	-	750

## Description

The OCCTOPUS and Meeting Management System (MMSX) are critical applications used in City Council and Council Committee meetings for pre-meeting activities such as: report initiation, creation, submission and editing; meeting activities including: preparing minutes of the meeting, tracking motions and votes, conducting the meeting; and post meeting activities including: finalizing minutes and publishing them to the web, and action item tracking. The OCCTOPUS application was developed in 1997 and MMSX in 2002.

This package will permit the lifecycle replacement of the Meeting Management System. In 2008, the Office of the City Clerk in concert with the Information and Technology Branch, have facilitated a process to replace OCCTOPUS. In 2009, it is hoped that full implementation of an off-the-shelf system will allow for this replacement. It is anticipated that an off-the-shelf system supported by the same vendor will be available to replace MMSX when the maintenance and support contract with Sierra Systems expires in December 2010.

Work will commence in 2009 that would look at developing and implementing this solution.

## Justification

During the preliminary analysis of the Office 2007 project, it was discovered that an application called OCCTOPUS failed to be easily converted to Word 2007. All proposed solutions to provide a fix were deemed unacceptable. The OCCTOPUS Replacement Project was initiated to break the dependence of OCCTOPUS on any specific version of Microsoft Word. The primary catalyst for this project is a corporate implementation of Microsoft Office 2007. A secondary driver is a reduction in paper generated by reports, agendas and minutes. A third driver is a stream-lined, easy-to-use, report writing and approvals process.

## Project Cost Breakdown

Hardware / Software	\$	750
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Last Updated: 15-NOV-2010

\$	750
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## Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Agenda Preparation &amp; Meeting Mgt System

09-18-0703

In addition, there is an expectation from the public, Administration and Council, to look at improvements to the document management and meeting management systems.

## Change from Previous Approval

#70 Transfer funds within department to project with changes.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	45	55	-	-	-
Total Impact	45	55	-	-	-

Last Updated: 15-NOV-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Desktop Lifecycle Management 2009

09-18-0710

Group-Criteria: A-120 Projects Required By Legislation

Project Manager: Chorley K.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	1	-	1
Revised Expenditures	-	-	-	-	1	-	1

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other	-		-	-	-	-	1	-	1
Total Financing	-		-	-	-	-	1	-	1

## Description

The Desktop Lifecycle Management 2009 Project is the planned replacement/disposal of all three year old leased laptops and high end desktops with their related peripherals. The project also includes the planned replacement/disposal of all leased four-year old desktops with their related peripherals. This project will not generate any operating impact.

## Justification

Computer hardware is constantly changing and has a lifespan of 3 or 4 years. Software that runs on the hardware requires upgraded hardware in order to run. The current leased hardware is under warranty throughout it's lease lifecycle allowing the City to ensure that backup equipment is available and repairs are done efficiently and without cost. This minimizes the risk of service interruptions that may impact the operation, the projects and the staff that rely on the equipment to be fully functional.

## Project Cost Breakdown

Hardware Purchase \$ 4,000

Last Updated: 10-SEP-2010

\$ 4,000

# Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: VOIP

09-18-0711

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Chorley K.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	1	-	1
Revised Expenditures	-	-	-	-	1	-	1

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other	-		-	-	-	-	1	-	1
Total Financing	-		-	-	-	-	1	-	1

Description

VOIP

Justification

VOIP

## Project Cost Breakdown

Hardware Purchase \$ 500

Last Updated: 10-SEP-2010

\$ 500

# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Clareview Branch Library

06-20-0002

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	114	211	7,310	8,241	736	-	16,612
Change	-	-	-	-	-	-	-
Revised Budget	114	211	7,310	8,241	736	-	16,612

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		26	34	-	-	-	-	60
Tax-Supported Debt	-		-	48	1,760	3,615	137	-	5,560
Developer Financing	-		-	-	-	-	350	-	350
Munc Sustain. Initiative - MSI	-		88	-	2,670	2,884	-	-	5,642
Other Grants - Provincial	-		-	129	2,880	1,742	249	-	5,000
Total Financing	-		114	211	7,310	8,241	736	-	16,612

## Description

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. community branch to be built as part of the joint-use Clareview Recreation Centre and Library.

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

Background: The project was originally approved in 2006 by City Council. Adjustments have been made to incorporate cost escalation and timing changes. On July 3, 2007, City Council endorsed nine projects, including the North Branch Library as the second priority, for submission to Alberta Lotteries for the Major Communities Facilities Program. A \$5.0 million grant was approved on May 28, 2008.

## 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

## Project Cost Breakdown

Furn. & Equip.	\$	1,657
Library Collections		2,908
Land		1,000
Percent for Art		85
Const. & Design		10,962

Last Updated: 18-NOV-2010

\$ 16,612

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Clareview Branch Library

06-20-0002

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 complements redevelopment of the Clareview District Park.

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:

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

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

(SBA #68) Timing of capital expenditures have been adjusted to reflect the latest project schedule.

Impact on Operations	2010	2011	2012	2013	2014
Building Maintenance	-	-	71	99	-
Materials	-	-	12	18	-
Personnel	-	-	433	607	-
Support Service Costs	-	-	4	6	-
Total Impact	-	-	520	730	-

Last Updated: 18-NOV-2010

# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Mill Woods Branch Relocation &amp; Expansion

03-20-0019

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10	3,126	3,809	14,794	1,906	-	23,645
Change	-	-	-	-	-	-	-
Revised Budget	10	3,126	3,809	14,794	1,906	-	23,645

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

10	3,126	3,809	14,794	1,906	-	23,645
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	-	31	1,036	941	-	-	2,008
Munc Sustain. Initiative - MSI	-	10	3,095	2,773	13,853	1,906	-	21,637
Total Financing	-	10	3,126	3,809	14,794	1,906	-	23,645

## Description

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 Town Centre. The current severely undersized leased facility is inadequate. A new building will enable the library to meet the standards of a large community branch which serves approximately 80,000 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 almost 600,000 visits in 2009).

## 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.

## Project Cost Breakdown

Library Collections	\$	1,971
Furn. & Equip.		2,405
Land		3,095
Const. & Design		16,048
Percent for Art		126

Last Updated: 18-NOV-2010

\$ 23,645

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Mill Woods Branch Relocation &amp; Expansion

03-20-0019

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 approximately 80,000, is the equivalent of a medium-sized Alberta city. While the circulation of library materials has increased by approximately 66% since 2000, visits to the branch have increased by 79 per cent over the same period. In 2009 alone, 23,861 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 computer stations, as well as welcoming spaces in which 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.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

(SBA #68) Land negotiations are expected to be completed in 2010. Project expenditures have been adjusted to reflect the expected project timelines.

Last Updated: 18-NOV-2010



# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Jasper Place Branch Renewal &amp; Expansion

07-20-0027

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	93	1,051	7,922	5,000	-	-	14,066
Change	-	-	-	-	-	-	-
Revised Budget	93	1,051	7,922	5,000	-	-	14,066

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

93	1,051	7,922	5,000	-	-	14,066
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		93	1,051	7,922	5,000	-	-	14,066
Total Financing	-		93	1,051	7,922	5,000	-	-	14,066

## Description

This branch requires a major renovation 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.

## Project Cost Breakdown

Library Collections	\$	708
Furn. & Equip.		900
Percent for Art		81
Const. & Design		12,377

Last Updated: 18-NOV-2010

\$ 14,066

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Jasper Place Branch Renewal &amp; Expansion

07-20-0027

## 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 275,000 visits a year.

Interior requires renovations and 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 56,801 (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.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

(SBA #68) Timing of capital expenditures have been adjusted to reflect the latest project schedule.

Last Updated: 18-NOV-2010

# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Highlands Branch Renewal

08-20-0028

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	750	3,778	5,048	-	-	9,576
Change	-	-	-	-	-	-	-
Revised Budget	-	750	3,778	5,048	-	-	9,576

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	750	3,778	5,048	-	-	9,576
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	750	3,778	5,048	-	-	9,576
Total Financing	-		-	750	3,778	5,048	-	-	9,576

## Description

The Highlands Library branch, which is at the end of its expected life (1963 vintage), requires a major renovation. 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. Installation of an elevator, renovation of the program room and other physical components, will meet today's standards and more adequately meet customer needs. Agreements have been reached with adjacent landowners to purchase property to enable much needed parking expansion.

## Project Cost Breakdown

Const. & Design	\$	7,660
Land		500
Furn. & Equip.		1,368
Percent for Art		48

Last Updated: 18-NOV-2010

\$ 9,576

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Highlands Branch Renewal

08-20-0028

## 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 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 and service priorities.

## 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.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

(SBA #68) Timing of capital expenditures have been adjusted to reflect the latest project schedule.

Last Updated: 18-NOV-2010

# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Calder Branch Relocation Design / Land

08-20-0030

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	2,050	-	-	2,050
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	2,050	-	-	2,050

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	-	-	-	2,050	-	-	2,050
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	-	-	2,050	-	-	2,050
Total Financing	-		-	-	-	2,050	-	-	2,050

## Description

This project identifies land and preliminary design 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 2009, and ongoing building issues, such as floods, roof leaks, worn HVAC system, cross-contamination from neighboring businesses and poor parking, accentuate the need for a new space. The branch is unable to meet the demands for study and community meeting space, and limits the library's ability to provide programming space, adequate collections and the full range of library services offered at other branches in the city.

Project 10-20-0030 Calder Branch Relocation and Expansion identifies the unfunded portion of the project costs.

## Project Cost Breakdown

Const. & Design	\$	100
Land		1,950

Last Updated: 15-SEP-2010

\$ 2,050

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Calder Branch Relocation Design / Land

08-20-0030

## 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, cross-contamination from neighboring businesses, and poor parking.

Relocation to a 10,000 sq. ft. facility will resolve these issues and enable Calder to meet the needs of a growing 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. That growth is expected to total 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, and homework/study space. Additionally, insufficient space hinders its ability to provide services and programs geared to children. In support of the relocation, library collections will be upgraded and increased to meet growing demands, particularly in the areas of children's, audiovisual, and adult paperback materials. 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: 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 leased space.
- Lost savings due to forgone or delayed energy efficiency gains of a new building.
- Inability for Calder to provide same level of service as other libraries in Edmonton.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 15-SEP-2010

# Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Lois Hole Branch

05-20-0032

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10,787	-	-	-	-	-	10,787
Change	-	-	-	-	-	-	-
Revised Budget	10,787	-	-	-	-	-	10,787

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

10,787	-	-	-	-	-	-	10,787
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt Reserve	-	190	-	-	-	-	-	190
Tax-Supported Debt	-	9,999	-	-	-	-	-	9,999
Other	-	598	-	-	-	-	-	598
Total Financing	-	10,787	-	-	-	-	-	10,787

## Description

This project was completed in 2009.

This project will see the purchase of property and construction of a 25,000 sq. ft. standalone district branch library facility serving West Edmonton. The project will involve acquiring property and constructing a facility in the vicinity of the Jamie Platz YMCA and the Callingwood Mall. Also required are shelving, furnishings and equipment. The expected life of the building is 40 years and the debenture financing term will be 15 years.

## Project Cost Breakdown

Furn. & Equip.	\$	975
Land		348
Const. & Design		9,464

Last Updated: 15-SEP-2010

\$ 10,787

## Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Lois Hole Branch

05-20-0032

## Justification

The lease on the current Lessard rental property expires in August, 2006. While this location has served the Library well in the years since the branch opened, it was never the Library's first choice for a branch location. In fact, the Library's siting criteria would have placed the branch in the vicinity of the Jamie Platz YMCA and Callingwood Mall as that area constitutes the major community center/meeting place. At the time prior to branch start-up, however, no appropriate or affordable sites were available to the Library in that area. In addition to the foregoing, the Library has experienced ongoing dissatisfaction with the landlord's maintenance of the facility and site, to the extent that payment of rent was withheld for a period of time in 2003. Maintenance issues have been cause for ongoing customer dissatisfaction and staff concern.

It is now evident that an expanded Lessard Branch, relocated to the area of the Jamie Platz YMCA and the Callingwood Mall, will be ideally situated to serve, not only the West Jasper Place Traffic District (area 6), but also adjacent areas of the West Edmonton Traffic District (area 27) where the existing population is expected to grow by 38 per cent (or 24,550) between 2005 and 2025. By 2010 the combined population of these two districts is expected to reach 72,312 and grow to 89,163 by 2025 (when it will be slightly larger than the population currently served by the Mill Woods District Branch).

To redevelop the Lessard Branch as a district branch, a facility of 25,000 sq.ft. will be required to meet the Edmonton Public Library's standard for district branches. The additional square footage will enable Lessard to fulfill its new role as a district branch by providing more space for collections, programs, and service desks, as well as welcoming spaces in which customers can read, listen and visit. It will also provide space for the development of collections having the size, depth, and breadth required to fulfill the role of a district branch.

Already one of the busier medium-sized branches, the conversion to district branch status will better enable it to serve residents beyond the immediate Lessard area, as well as take pressure off the existing Jasper Place Branch which, even when expanded can only achieve the new standard for medium-sized branches in terms of size.

Source of Estimates

Award: +/- 10%

Last Updated: 15-SEP-2010



COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)							
PROGRAM:		Public Library							
PROJECT NAME:		Library Facilities Rehab. / Renewal						09-20-0048	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Griener J.			
Outcome:		Improve Edmonton's Livability				Focus: Preserve/celebrate/support heritage, arts & cultur			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		16	-	1,285	1,850	-	-	3,151	
Change		-	-	-	-	-	-	-	
Revised Budget		16	-	1,285	1,850	-	-	3,151	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		16	-	1,285	1,850	-	-	3,151	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Munc Sustain. Initiative - MSI	-	-	-	-	1,850	-	-	1,850	
General Financing	-	-	-	1,285	-	-	-	1,285	
Other	-	16	-	-	-	-	-	16	
Total Financing	-	16	-	1,285	1,850	-	-	3,151	
Description									
<p>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 rehabilitation and replacement, HVAC and electrical efficiency improvements, window replacements and fire alarm up-grade/replacement.</p>									
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>            Const. &amp; Design      \$      3,151         </div>									
Last Updated:		18-NOV-2010		\$      3,151					

COMPOSITE	Edmonton Public Library	
PROGRAM:	Public Library	
PROJECT NAME:	Library Facilities Rehab. / Renewal	09-20-0048
Justification		
<p>The Edmonton Public Library currently operates seventeen libraries throughout the City of Edmonton. The age of existing EPL facilities range from 94 years old (Strathcona) to new sustainable buildings (Lois Hole Library). As libraries experience higher 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 are required.</p>		
Areas of Alignment:		
<ol style="list-style-type: none"> <li>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.</li> <li>2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.</li> </ol>		
Impacts of not proceeding:		
<ul style="list-style-type: none"> <li>- Higher construction costs in the future.</li> <li>- 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.</li> <li>- Lost savings due to forgone or delayed energy efficiency gains of new or renovated buildings.</li> <li>- Inability to maintain library services in existing communities.</li> </ul>		
Source of Estimates		
Conceptual: +/- 50%		
Change from Previous Approval		
<p>(SBA #68) Delay due to the unavailability of internal/external resource constraints. Timing of capital expenditures have been adjusted to reflect the latest project schedule.</p>		
Last Updated:		
18-NOV-2010		

COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)						
PROGRAM: Public Library								
PROJECT NAME: Library Facilities Rehab. / Renewal		12-20-0048						
Group-Criteria: A-140 Maintenance/Rehabilitation Projects		Project Manager: Griener J.						
Outcome: Improve Edmonton's Livability		Focus: Preserve/celebrate/support heritage, arts & cultur						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		-	-	-	-	-	-	-
Change		-	-	-	-	-	-	-
Revised Budget		-	-	-	-	-	-	-
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	859	971	1,097	2,927
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	859	971	1,097	2,927
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	859	971	1,097	2,927
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-	-	-	-	859	971	1,097	2,927
Total Financing	-	-	-	-	859	971	1,097	2,927
Description								
<p>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 maintenance, repair and replacement, HVAC and electrical efficiency improvements, window replacements, flooring maintenance, fire alarm upgrade/replacement, security upgrades (CCTV and Proximity Card systems).</p>								
Last Updated: 24-FEB-2010		<div style="border: 1px solid black; padding: 5px;">           Project Cost Breakdown            Const. &amp; Design      \$      2,927         </div>						
		\$ 2,927						

COMPOSITE	Edmonton Public Library	
PROGRAM:	Public Library	
PROJECT NAME:	Library Facilities Rehab. / Renewal	12-20-0048
Justification		
<p>The Edmonton Public Library currently operates seventeen libraries throughout the City of Edmonton. The age of existing EPL facilities range from 94 years old (Strathcona) to new sustainable buildings (Lois Hole Library). As libraries experience higher 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.</p>		
Areas of Alignment:		
<ol style="list-style-type: none"> <li>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.</li> <li>2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.</li> </ol>		
Impacts of not proceeding:		
<ul style="list-style-type: none"> <li>- Higher construction costs in the future.</li> <li>- 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.</li> <li>- Lost savings due to forgone or delayed energy efficiency gains of new or renovated buildings.</li> <li>- Inability to maintain library services in existing communities and provide service in new communities in Edmonton.</li> </ul>		
Source of Estimates		
Conceptual: +/- 50%		
Last Updated:		
24-FEB-2010		

COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)						
PROGRAM: Public Library								
PROJECT NAME: Milner Library Rehabilitation / Renewal		09-20-0049						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Griener J.						
Outcome: Improve Edmonton's Livability		Focus: Preserve/celebrate/support heritage, arts & cultur						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		629	358	4,361	-	-	-	5,348
Change		-	-	-	-	-	-	-
Revised Budget		629	358	4,361	-	-	-	5,348
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	254	287	2,121	2,662
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	254	287	2,121	2,662
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		629	358	4,361	254	287	2,121	8,010
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Munc Sustain. Initiative - MSI	-	174	334	4,063	254	287	2,121	7,233
General Financing	-	-	24	298	-	-	-	322
Other	-	455	-	-	-	-	-	455
<b>Total Financing</b>	-	629	358	4,361	254	287	2,121	8,010
<b>Description</b>								
<p>A number of rehabilitation/renewal projects are required at the central Stanley A. Milner Library location. Key areas that will be addressed are:</p> <p><b>Mechanical Systems \$3.4M (2009-10)</b>          This project will include replacement of the main air fans and drives; pneumatic valves; and main heating and cooling coils to improve energy efficiency. Elevators that are over 40 years old have surpassed their life expectancy and require retrofitting.</p> <p><b>Milner Egress (Fire safety) \$1.2M (2010)</b>          This will allow implementation of the Milner Egress report prepared by architect, Burgess Bredo, which focused on improvements to the building egress, basement security, and addressing areas that do not comply with the fire code identified by the Fire Marshall.</p> <p><b>Milner Envelope - Outside Walls \$4.3M (2014-15)</b>          A complete replacement of the interior, perimeter walls on the second floor and tower portion of the main library is required to upgrade drywall, vapor barrier, possible mold removal, repair to precast and insulation to make the building more energy efficient.</p>								
					<b>Project Cost Breakdown</b> Const. & Design      \$      5,348			
Last Updated: 18-NOV-2010					\$ 5,348			

COMPOSITE	Edmonton Public Library			
PROGRAM:	Public Library			
PROJECT NAME:	Milner Library Rehabilitation / Renewal	09-20-0049		
<p>Justification</p> <p>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.</p> <p>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.</p> <p>Areas of Alignment:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.</li> </ol> <p>Impacts of not proceeding:</p> <ul style="list-style-type: none"> <li>- Higher construction costs in the future.</li> <li>- 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.</li> <li>- Lost savings due to forgone or delayed energy efficiency gains of new or renovated buildings.</li> <li>- Inability to maintain library services in existing communities.</li> </ul> <p>Source of Estimates                      Conceptual: +/- 50%</p> <p>Change from Previous Approval</p> <p>(SBA #68) Delay due to the unavailability of internal/external resource constraints. Timing of capital expenditures have been adjusted to reflect the latest project schedule.</p>				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Last Updated:</td> <td>18-NOV-2010</td> </tr> </table>			Last Updated:	18-NOV-2010
Last Updated:	18-NOV-2010			

COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)							
PROGRAM:		Public Library							
PROJECT NAME:		IT Infrastructure Renewal						09-20-0050	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Griener J.			
Outcome:		Improve Edmonton's Livability				Focus: Preserve/celebrate/support heritage, arts & cultur			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		930	973	789	-	-	-	2,692	
Change		-	-	-	-	-	-	-	
Revised Budget		930	973	789	-	-	-	2,692	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	368	376	383	1,127	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	368	376	383	1,127	
TOTAL CAPITAL EXPENDITURE PLAN		930	973	789	368	376	383	3,819	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing - Lib	-	347	354	361	368	376	383	2,189	
Other	-	450	-	-	-	-	-	450	
General Financing	-	133	619	428	-	-	-	1,180	
Total Financing	-	930	973	789	368	376	383	3,819	
Description									
<p>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 will maintain existing hardware infrastructure, replace obsolete components and integrate increased efficiency through shared resources and economies of scale. Included is the need to address new information technology solutions that assist in streamlining the library's business processes through sharing common resources with the City of Edmonton.</p>									
Justification									
<p>The Library is becoming more and more reliant on technology in providing service to customers. Failure to replace hardware related to core business processes in a timely fashion will increase the risk of failure and result in cessation of service to Library customers and staff.</p>									
Source of Estimates		Conceptual: +/- 50%							
Last Updated: 14-OCT-2010		<div style="border: 1px solid black; padding: 5px;">           Project Cost Breakdown            Computer Equipment    \$            2,692         </div>							
		\$            2,692							

COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)								
PROGRAM:		Public Library								
PROJECT NAME:		Library Materials						09-20-0051		
Group-Criteria:		B-100 Projects With Budget Approval				Project Manager: Martinez P.				
Outcome:		Improve Edmonton's Livability				Focus: Improve community engagement & participation				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		7,936	7,319	7,465	-	-	-	22,720		
Change		-	-	-	-	-	-	-		
Revised Budget		7,936	7,319	7,465	-	-	-	22,720		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	7,614	7,766	7,921	23,301		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	7,614	7,766	7,921	23,301		
TOTAL CAPITAL EXPENDITURE PLAN		7,936	7,319	7,465	7,614	7,766	7,921	46,021		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
Other		-		761	-	-	-	-	-	761
General Financing - Lib		-		7,175	7,319	7,465	7,614	7,766	7,921	45,260
Total Financing		-		7,936	7,319	7,465	7,614	7,766	7,921	46,021
Description										
Transfer of compliant tangible capital assets from operating to capital. <ul style="list-style-type: none"> <li>- Library Collections</li> <li>- Collection Management and Access</li> </ul>										
Justification										
To meet financial reporting standards of PSAB 3150.										
<div style="border: 1px solid black; padding: 5px; display: inline-block;">           Project Cost Breakdown            Library Materials      \$      22,647         </div>										
Last Updated:		27-SEP-2010				\$      22,647				



COMPOSITE		<b>Edmonton Public Library</b> (thousands of dollars)															
PROGRAM: Public Library																	
PROJECT NAME: Library Furniture and Equipment		09-20-0052															
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Martinez P.															
Outcome: Improve Edmonton's Livability		Focus: Improve community engagement & participation															
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>									
Budget as Approved		230	152	155	-	-	-	537									
Change		-	-	-	-	-	-	-									
Revised Budget		230	152	155	-	-	-	537									
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>																	
Existing Plan Expenditures		-	-	-	158	161	165	484									
Change		-	-	-	-	-	-	-									
Revised Expenditures		-	-	-	158	161	165	484									
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		230	152	155	158	161	165	1,021									
	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>								
Financing																	
General Financing - Lib	-		149	152	155	158	161	165	940								
Other	-		81	-	-	-	-	-	81								
Total Financing	-		230	152	155	158	161	165	1,021								
<b>Description</b>  Transfer of compliant tangible capital assets from operating to capital. - Vehicles - Library Shelving																	
<b>Justification</b>  To meet financial reporting standards of PSAB 3150.																	
Last Updated: 27-SEP-2010		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Furn. &amp; Equip.</td> <td style="text-align: right;">\$ 552</td> </tr> <tr> <td colspan="2" style="height: 50px;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 552</td> </tr> </table>								Project Cost Breakdown		Furn. & Equip.	\$ 552			\$ 552	
Project Cost Breakdown																	
Furn. & Equip.	\$ 552																
\$ 552																	

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Valley Zoo Master Plan Implementation

10-21-0910

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	1,000	26,000	16,000	-	-	43,000
Change	-	-	-	-	-	-	-
Revised Budget	-	1,000	26,000	16,000	-	-	43,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	1,000	26,000	16,000	-	-	43,000
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	-	1,000	26,000	16,000	-	-	43,000
Total Financing	-	-	1,000	26,000	16,000	-	-	43,000

## 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: 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 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.

## Justification

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).

Percent for Art			Project Cost Breakdown	
Amount:	\$245	Percent of Total Project:	1%	Design \$ 2,500
				Construction 40,500
Last Updated:	14-SEP-2010			\$ 43,000

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Valley Zoo Master Plan Implementation

10-21-0910

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%.

## Change from Previous Approval

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

To adjust cashflow to reflect latest project estimate.

Impact on Operations	2010	2011	2012	2013	2014
Personnel	-	-	-	100	-
Utilities	-	-	-	150	-
Revenue	-	-	-	150	-
Total Impact	-	-	-	400	-

Last Updated: 14-SEP-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Commonwealth Stadium Artificial Turf

10-21-1000

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	2,100	-	-	-	-	2,100
Change	-	-	-	-	-	-	-
Revised Budget	-	2,100	-	-	-	-	2,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	2,100	-	-	-	-	2,100
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Stadium Reserve	-	-	2,100	-	-	-	-	2,100
Total Financing	-	-	2,100	-	-	-	-	2,100

## Description

Commonwealth Stadium hosts a number of Canadian Football League games, elite soccer matches, concerts and special events annually. Due to challenges in ensuring field quality and need for facility flexibility to accommodate a variety of stadium events, along with maintenance expense, rest time required by natural grass fields, and impact of inclement weather, the Edmonton Eskimos and the Community Services Department would enter into a cost-sharing agreement relating to the installation of artificial turf at Commonwealth Stadium in 2010.

The installation of this field would permit the Edmonton Eskimos to move their practices into the Stadium, increasing availability of Clarke Stadium for expanded community use. The conversion to artificial turf will also require less water consumption and no fertilizer use. This schedule requires an aggressive approach which will require design work to commence immediately and civil work to begin in April in order for the construction to be completed in June 2010.

## Justification

The Commonwealth Stadium Enterprise Reserve Fund is intended to dedicate funds to cover capital improvements and business development investments at Joe Clarke Athletic Grounds. There are adequate funds in the Reserve to cover the cost of the project. Proceeding with this partnership results in cost sharing and allows for timely design and construction to be completed prior to the spring events at Commonwealth Stadium and the Grey Cup. Installation of an artificial turf field will provide a high quality field and address maintenance expense, rest time required, and impact by inclement weather. The ability for the Edmonton Eskimos to also practice on this field will increase availability of Clarke Stadium for community use. The Commonwealth Stadium Enterprise Reserve Fund dedicates funds to cover capital improvements and business development investments at Joe Clarke Athletic Grounds.

Percent for Art	Project Cost Breakdown	
Amount:		
Percent of Total Project:	Design	\$ 100
	Construction	2,000
Last Updated:	06-APR-2010	\$ 2,100

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Commonwealth Stadium Artificial Turf

10-21-1000

The project will be managed by Edmonton Eskimo Football Club including the design, civil work, purchase and installation of the artificial turf, purchase of necessary field maintenance equipment and the City would be making it's contribution directly to the Edmonton Eskimos.

Total project cost is estimated at \$2.6M including design, civil work, purchase and installation of the artificial turf, and all necessary field maintenance equipment. The Edmonton Eskimos would contribute \$500,000 up front and repay 50% of total project costs to the Commonwealth Stadium Enterprise Reserve Fund starting in 2011 through to 2016. The City would pay \$2.1M directly to the Edmonton Eskimos upon completion of certain milestones.

Source of Estimates Detailed Design: +/- 20%

Impact on Operations	2010	2011	2012	2013	2014
Personnel	(28)	(29)	(30)	(31)	(32)
Materials	(37)	(38)	(40)	(42)	(44)
Services	76	16	-	-	-
Utilities	(9)	(9)	(10)	(10)	(10)
Total Impact	2	(60)	(80)	(83)	(86)

Last Updated: 06-APR-2010

COMPOSITE		<b>Community Services</b> (thousands of dollars)							
PROGRAM:		Community Facility Services							
PROJECT NAME:		Commonwealth Stadium Equipment						10-21-2000	
Group-Criteria:		B-100 Projects With Budget Approval				Project Manager: Smyth R			
Outcome:		Improve Edmonton's Livability				Focus: Enhance social connectedness for all citizens			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	300	200	-	-	-	500	
Change		-	-	-	-	-	-	-	
Revised Budget		-	300	200	-	-	-	500	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		-	300	200	-	-	-	500	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Stadium Reserve	-	-	300	200	-	-	-	500	
Total Financing	-	-	300	200	-	-	-	500	
<b>Description</b> 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. There will be no impact to operations.									
<b>Justification</b> One of the functions of the Stadium Reserve is to fund expenditures for equipment replacement and conservation related to Commonwealth Stadium. These expenditures will be funded by a combination of Reserve, Eskimo and the 3rd party funds depending on the nature of the particular equipment purchased. If the 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.									
Source of Estimates		Conceptual: +/- 30%							
Percent for Art Amount:		Percent of Total Project:		0%					
Last Updated:		02-JUN-2010		<div style="border: 1px solid black; padding: 5px;"> <b>Project Cost Breakdown</b>            Equipment \$ 500             \$ 500         </div>					

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Fred Broadstock Pool Redevelopment

07-21-4221

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,175	2,303	-	-	-	-	5,478
Change	-	-	-	-	-	-	-
Revised Budget	3,175	2,303	-	-	-	-	5,478

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,175	2,303	-	-	-	-	5,478
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
MCFP-Major Community Fac Prgm	-	1,395	73	-	-	-	-	1,468
Tax-Supported Debt	-	1,780	2,230	-	-	-	-	4,010
Total Financing	-	3,175	2,303	-	-	-	-	5,478

## Description

This project will provide for the redevelopment of Fred Broadstock Outdoor Swimming Pool. This pool's infrastructure system has exceeded it's expected life cycle and is in need of redevelopment. This project will see Fred Broadstock Outdoor Pool redeveloped to meet current pool standards. Expected asset life is 30-40 years and the term of the tax supported debt is 15 years.

## Justification

Approved Council motion on August 30, 2005 subject to the availability of funding of \$5,478, Fred Broadstock outdoor swimming pool identified a need for redevelopment and that an individual design emphasis be considered for Fred Broadstock.

This project aligns with City Council's goal of Improving Edmonton's Livability by reducing barriers to participation in recreation activities and local programs and by improving community's engagement and participation. This project also supports Council's goal to Transform Edmonton's Urban Form by addressing the three-year priority goals of Strategically investing in select infrastructure as set by LRFP/SIFS and refocusing spending on renewing existing infrastructure relative to investment in new infrastructure. This project will see the redevelopment of the Fred Broadstock outdoor pool with the lifecycle replacement of infrastructure and will allow it to achieve modern standards and regulations. Outdoor pool infrastructure is in critical condition and improvements are urgently required to extend their lifespan. Providing new program elements will allow this pool to accommodate customer needs and should increase attendance/revenues and reduce tax levy support at this location.

Percent for Art			Project Cost Breakdown	
Amount:	\$50	Percent of Total Project:	1%	Construction \$ 4,382
				Contingency 548
				Design 548
Last Updated: 14-APR-2010				\$ 5,478

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Fred Broadstock Pool Redevelopment

07-21-4221

This project supports both the Outdoor Aquatic Strategy (Council Approved Jan. 2008) and the Medium Term Recreation Facility & Sport Field Plan (Council Approved July 2007).

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: Managing an aging infrastructure.

Total Project Costs/Timing: \$5,478

Start Date: Fall 2007

Anticipated Completion Date: Summer 2010

Source of Estimates Detailed Design: +/- 20%

### Change from Previous Approval

Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and 2 - 3 weeks behind schedule.

Impact on Operations	2010	2011	2012	2013	2014
Utilities	37	-	-	-	-
Personnel	75	-	-	-	-
Materials	12	-	-	-	-
Services	9	-	-	-	-
Total Impact	133	-	-	-	-

Last Updated: 14-APR-2010



## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Municipal Cemeteries Infrastructure Imp.

07-21-5351

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	300	800	-	-	-	1,100
Change	-	-	-	-	-	-	-
Revised Budget	-	300	800	-	-	-	1,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	-	300	800	-	-	-	1,100
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	300	800	-	-	-	1,100
Total Financing	-		-	300	800	-	-	-	1,100

## Description

This composite program will provide for various cemetery improvement initiatives. Projects may include road repairs, utility installations, fencing, land acquisition, tree replacements and planting.

## Justification

Customers using municipal cemeteries expect a certain level of infrastructure (potable water, properly maintained roadways, adequate fencing). 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.

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.

## Project Cost Breakdown

Design	\$	110
Construction		990

Last Updated: 17-NOV-2010

\$ 1,100

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Municipal Cemeteries Infrastructure Imp.

07-21-5351

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

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

Last Updated: 17-NOV-2010

PROJECT NAME: John Janzen Nature Centre

Group-Criteria:	B-100 Projects With Budget Approval
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Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

FUNDING EARMARKED FOR FUTURE EXPENDITURES	
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TOTAL CAPITAL

EXPENDITURE PLAN	116	1,050	1,219	-	-	-	2,385
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Reserve	-		(54)	288	90	-	-	-	324
Federal Grant	-		-	-	801	-	-	-	801
Developer Financing	-		60	100	-	-	-	-	160
General Financing	-		110	662	328	-	-	-	1,100
Total Financing	-		116	1,050	1,219	-	-	-	2,385

Description
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This project is Phase 1A of the JJNC Master Plan. It includes construction of a Children's Discovery Gallery, renovations and expansion of the customer service and reception area, addition of a green roof which allows public access, and upgrading of the heating, ventilation and electrical systems.

### Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. The development of these facilities will enhance the programming and events capability of the Nature Centre, improve the visitors experience, make the operations more efficient and enhance the revenue generation capabilities of the facility.

Edmonton Nature Centre Foundation is the facility partner and they are contributing to aid in the project development.

Source of Estimates	Detailed Design: +/- 17%
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## Change from Previous Approval

#68: The Edmonton Nature Centre Foundation will be managing the fit up of the space and funding the equipment. Therefore \$450,000 was removed from the profile from Developer financing as the partner will manage this piece of work.

Percent for Art

Amount:

\$18

Percent of Total Project:

1%

## Project Cost Breakdown

Design	\$	273
Construction		2,112

Last Updated: 16-NOV-2010

\$ 2,385

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: John Janzen Nature Centre

07-21-5353

Impact on Operations	2010	2011	2012	2013	2014
Personnel	-	36	-	-	-
Services	-	2	-	-	-
Utilities	-	3	-	-	-
Revenue	-	3	-	-	-
Total Impact	-	44	-	-	-

Last Updated: 16-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Ft. Edmonton Park Master Plan Implement.

06-21-5354

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	797	5,915	5,583	-	-	-	12,295
Change	-	-	-	-	-	-	-
Revised Budget	797	5,915	5,583	-	-	-	12,295

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	7,475	6,144	1,021	14,640
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	7,475	6,144	1,021	14,640

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		254	3,753	3,217	-	-	-	7,224
Developer Financing	-		-	-	642	6,868	5,609	950	14,069
General Financing	-		-	1,500	1,500	-	-	-	3,000
Financial Stabilization Resrv.	-		500	-	-	-	-	-	500
Other Reserve	-		43	662	224	607	535	71	2,142
Total Financing	-		797	5,915	5,583	7,475	6,144	1,021	26,935

## Description

This project will provide funding for capital development within Fort Edmonton Park to enable the implementation of the park's Master Plan through the construction of historical buildings identified in that Plan. Projects within this profile will be substantially financed by partner funding, with financial support from the Enterprise portfolio for primary infrastructure requirements (example: utility installations). The Funding strategy is consistent with C479 "Fiscal Policy for the Enterprise Portfolio", Community Services.

Capital projects include buildings on the 1920's Commercial Street that could include the Capital Theatre, White Lunch Cafeteria, Mite Block, Bicycle Building, Diller's Bookshop, Theatre, Real Estate Office, Tom Campbell's Hat Shop, Native Cultural Exhibit/Indian Village, King Edward Community Hall and Powell Implement Company. Prior year project funding has included the development of the Exhibition building.

## Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities.

In partnership with the Fort Edmonton Foundation, the City has the opportunity to provide its share of project funding in a flexible and innovative manner. A portion of the funding will be provided by reserves.

Percent for Art									
Amount:	\$277	Percent of Total Project:	1%						
				Project Cost Breakdown					
				Design		\$	76		
				Construction			26,859		
Last Updated:				27-MAY-2010				\$	26,935

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Ft. Edmonton Park Master Plan Implement.

06-21-5354

Business Initiatives: 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.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

The increase is required to complete the elements necessary to produce the shows in the theatre and essentially make it operational.

### Change of Scope

The original budget will cover the cost of constructing the building. The Increase is required to complete the elements necessary to produce the shows in the theatre and essentially make it operational.

Last Updated: 27-MAY-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Valley Zoo - Natures Wild Backyard

09-21-5357

Group-Criteria: A-240 Economic Development &amp; Promotion - City Wide

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	6,174	-	-	-	6,174
Change	-	-	-	-	-	-	-
Revised Budget	-	-	6,174	-	-	-	6,174

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	6,977	7,080	4,400	18,457
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	6,977	7,080	4,400	18,457

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		-	-	6,174	6,977	7,080	4,400	24,631
Total Financing	-		-	-	6,174	6,977	7,080	4,400	24,631

## Description

This project will transform the existing petting zoo into a more contemporary and family-friendly "Nature's Wild Backyard" children's zoo area. Work to include new washrooms, water play area, interactive displays, exhibit view points, parent's cafe, interactive mock-veterinarian area where kids can dress up and play a veterinarian or zoo keeper, and landscaping. Animals featured include lemurs, squirrel monkeys, sheep/goats and various other smaller appropriately themed animals.

Exhibit area will move away from a traditional petting zoo format to an educational area with greater variety of animals and more opportunity to interact with them. Projects within this profile will be substantially financed by partner funding, with financial support from the Enterprise portfolio for primary infrastructure requirements (example: utility installations). The Funding strategy is consistent with C479 "Fiscal Policy for the Enterprise Portfolio", Community Services. The expenditure plan has been adjusted to reflect the consultant's cost estimate to complete the project scope.

Valley Zoo Enterprise/Partner Support is also funded in profile 11-21-5824 for \$7,000 from MSI financing.

Anticipate partner will seek Federal and Provincial funding.

## Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. The mandate of the Valley Zoo Development Society is to build exhibits and displays that will ultimately be operated by the City. The scale and projected cost of the capital project is within the Society's ability to successfully fundraise within the proposed timeframe. The Society actively

Percent for Art			Project Cost Breakdown	
Amount:	\$319	Percent of Total Project:		
		1%		
			Construction	\$ 22,061
			Design	2,570
Last Updated:				\$ 24,631
24-FEB-2010				

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Valley Zoo - Natures Wild Backyard

09-21-5357

contributed to the development of the draft Valley Zoo Revised Master Plan (2005) and is prepared to take on this capital project. Nature's Wild Backyard is an element of the draft Valley Zoo Revised Master Plan (2005). The Enterprise Portfolio will fund a portion of the work.

Work with community organizations or other interested parties to develop local and regional facilities for Edmontonians. 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 Enterprise capped tax levy.

Source of Estimates Preliminary Design: +/- 30%

Total Project Cost /Timing (in \$000's)

Completion Year: 2018 Total Project Costs: \$34,531 Expenditures Beyond CPP Period: \$9,900

Last Updated: 24-FEB-2010



## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Arena Rehabilitation Program

09-21-5366

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	146	89	210	-	-	-	445
Change	-	-	-	-	-	-	-
Revised Budget	146	89	210	-	-	-	445

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	215	220	226	661
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	215	220	226	661

## TOTAL CAPITAL

## EXPENDITURE PLAN

146	89	210	215	220	226	1,106
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		146	89	210	215	220	226	1,106
Total Financing	-		146	89	210	215	220	226	1,106

## Description

This program will provide rehabilitation and minor improvements at municipal arenas. Rehabilitation is required to building site conditions such as mechanical systems, building hardware, electrical systems, etc.

## Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. Many operational components in these facilities such as mechanical systems are reaching the end of their lifecycles and are in need of replacement. In order to ensure that these facilities are kept in good working order and can continue to meet the needs of citizens this work must be undertaken. Cost estimates are based upon recommendations in the 2002 Arenas Improvement Strategy.

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: Managing an aging infrastructure.

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

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

To transfer funds to Bill Hunter Arena (06-75-2506) to cover additional costs.

## Project Cost Breakdown

Construction	\$	1,106
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Last Updated: 02-JUN-2010

\$	1,106
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## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Muttart Conservatory - New Program/Area

05-21-5470

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	5,737	100	-	-	-	-	5,837
Change	-	-	-	-	-	-	-
Revised Budget	5,737	100	-	-	-	-	5,837

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	5,737	100	-	-	-	-	5,837
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
MCFP-Major Community Fac Prgm	-		800	-	-	-	-	-	800
MCFP-Interest	-		10	-	-	-	-	-	10
Developer Financing	-		550	50	-	-	-	-	600
Munc Sustain. Initiative - MSI	-		3,000	-	-	-	-	-	3,000
General Financing	-		1,176	50	-	-	-	-	1,226
Other Reserve	-		201	-	-	-	-	-	201
Total Financing	-		5,737	100	-	-	-	-	5,837

## Description

This project consists of the addition of approximately 3,000 square feet of gift shop, program, cafe and multi-use space on the east side of the Muttart Conservatory. This new space will address the needs identified by public, academic and operational requirements to create appropriate program and educational space.

## Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. Program and rental space at the Conservatory is so limited at the facility that program quality suffers and the facility's potential for use cannot be met. Additional space will allow for improved quality of experience for program participants; expand program activities for all ages and to enhance the facility's ability to attract both daytime and evening rental functions. Gift shop and public admissions will be combined and will provide for more efficient and effective customer service.

This expansion is consistent with the approved Muttart Conservatory master plan. Integrated Service Strategy, Target F.2.3: Work with community organizations or other interested parties to develop local and regional facilities for Edmontonians. Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Department Business Plan

Percent for Art									
Amount:	\$15	Percent of Total Project:	0%						
				Project Cost Breakdown					
				Design		\$	80		
				Construction			4,464		
Last Updated:				16-NOV-2010				\$	4,544

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Muttart Conservatory - New Program/Area

05-21-5470

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 Enterprise capped tax levy.

Source of Estimates Award: +/- 10%

## Change from Previous Approval

#68: Additional \$20,000 of Developer Financing received.

Last Updated: 16-NOV-2010

COMPOSITE		<b>Community Services</b> (thousands of dollars)						
PROGRAM:		Community Facility Services						
PROJECT NAME:		Equipment Conservation					09-21-5601	
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Smyth R			
Outcome:		Improve Edmonton's Livability			Focus: Improve community engagement & participation			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		384	614	316	-	-	-	1,314
Change		-	-	-	-	-	-	-
Revised Budget		384	614	316	-	-	-	1,314
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	521	340	354	1,215
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	521	340	354	1,215
TOTAL CAPITAL EXPENDITURE PLAN		384	614	316	521	340	354	2,529
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Comm. Fac. Enhancmt Prog. Grant	-	48	49	-	-	-	-	97
General Financing	-	321	565	316	521	340	354	2,417
General Financing (non-TCA)	-	7	-	-	-	-	-	7
Comm Fac Enh Prog (non-TCA)	-	8	-	-	-	-	-	8
Total Financing	-	384	614	316	521	340	354	2,529
Description								
<p>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 recreation facilities by addressing identified demand/capacity and functionality issues. This initiative will also address the signage needs for recreational facilities. There will be no impact on operations.</p>								
Justification								
<p>Previously, no funding source existed for lifecycling the replacement of booking and rental business equipment. Banquet equipment significantly contributes to the revenue stream of each facility and if not replaced will impact the ability to produce revenue and may pose a safety hazard to customers. Additionally, the new rental equipment will also invest in and support the Department 2006-2008 Business Plan performance measures of improved quality experiences and enhanced customer service by putting in place an investment strategy needed to grow an important part of our business.</p>								
<p>The Office of the Auditor General (OAG), in the "Value-For-Money Audit" of Community Leisure Centres, 1999-2000, made the following observation and recommendation: "Leisure Centre operations have been unsuccessful in getting items such as weight room equipment into the capital budget. This equipment needs to be current and in good working condition in order to maintain day to day operations and positive customer satisfaction with Leisure Centres." The OAG recommendation was: "That an equipment listing be established and updated regularly to capture the ongoing equipment purchases and projected needs of</p>								
					<div style="border: 1px solid black; padding: 5px;">           Project Cost Breakdown            Equipment                      \$                      1,314         </div>			
Last Updated:		14-SEP-2010			\$                      1,314			

COMPOSITE	Community Services	
PROGRAM:	Community Facility Services	
PROJECT NAME:	Equipment Conservation	09-21-5601
<p>Leisure Centres." Management response was to accept this recommendation.</p> <p>If equipment continues to deteriorate, demand/capacity and functionality will decline and the mandated services and general operations of recreation facilities will be impacted. If the equipment is not replaced, marketability of the respective facility(s) will decline, thus impacting customer satisfaction and ultimately revenues. In a competitive market, customers dissatisfied with outdated, unavailable or inadequately maintained equipment may decide to patronize other facilities (both city and privately run) thus impacting revenue projections of any one facility.</p> <p>The various types of equipment under this program typically have a useful life of four to ten years, and may require an expenditure of up to several thousands dollars per unit to replace. Even with ongoing inspections and maintenance, if equipment is not replaced before the end of its lifecycle, it may pose a safety hazard to customers, and the absence of serviceable equipment will limit the use and enjoyment recreation opportunities by users.</p> <p>Signage plays a vital role in directing people to services or facilities and instructing people in emergencies. The outcome would be well informed customers who are able to navigate in each recreation facility under normal or emergency conditions.</p> <p>Corporate Business Plan Initiatives: Infrastructure and Physical Environment;  Corporate Business Plan: Municipal Responsibility, Services to people;  Department Business Plan: Health, Safety &amp; Security; Reaching the Hard to Reach;  Implement the Infrastructure Strategy - Service Challenge: Managing an Aging Infrastructure. Department Service Strategy: Integrated Service Strategy - Community Places. Service Challenge: Responding to Changing Expectations, Demands and Demographics.</p>		
Source of Estimates	Preliminary Design: +/- 30%	
Last Updated:	14-SEP-2010	

COMPOSITE		<b>Community Services</b> (thousands of dollars)								
PROGRAM:		Neighbourhood & Community Dev.								
PROJECT NAME:		Computer Application/Hardware Replacemen					09-21-5610			
Group-Criteria:		D-100 Projects With Budget Approval			Project Manager: Smyth R					
Outcome:		Improve Edmonton's Livability			Focus: Reduce barriers to participate in recreation prgms					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		341	667	585	-	-	-	1,593		
Change		-	-	-	-	-	-	-		
Revised Budget		341	667	585	-	-	-	1,593		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	644	708	779	2,131		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	644	708	779	2,131		
TOTAL CAPITAL EXPENDITURE PLAN		341	667	585	644	708	779	3,724		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		341	667	585	644	708	779	3,724
Total Financing		-		341	667	585	644	708	779	3,724
<b>Description</b> This project funds the replacement of hardware & software applications supporting Community Services Department business processes. These applications are presently operating in environments that do not meet corporate technology standards or do not incorporate required functionality. The projects proposed support various department operations essential for the delivery of departmental outcomes. Sequencing and specific projects are reviewed annually against Department principles to determine priorities.										
<b>Justification</b> This project aligns with responsive government and supports City Council's Initiative related to Customer Input Process for City Departments. This project allows Community Services to use Corporately approved systems applications to support & improve services to customers and business processes. Obsolete systems decrease productivity, are subject to greater risk of system failure and do not support sound management practices.										
Department Business Plan Initiatives: Continue to improve department business practices and processes. Service Challenge: Improving citizen service through technology.										
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>Project Cost Breakdown</b>            Hardware / Software     \$            1,593         </div>										
Last Updated:		14-APR-2010			\$            1,593					

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: ME First-Energy Management

06-21-5655

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,169	3,434	147	-	-	-	4,750
Change	-	-	-	-	-	-	-
Revised Budget	1,169	3,434	147	-	-	-	4,750

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,169	3,434	147	-	-	-	4,750
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	1,169	3,434	147	-	-	-	4,750
Total Financing	-	1,169	3,434	147	-	-	-	4,750

## Description

This project provides funding for planned initiatives which will reduce energy consumption. Retrofits will include installation of high efficient boilers and heat recovery systems, upgrades to HVAC automated computerized control systems and building envelop retrofits e.g new energy efficient windows & doors. The estimated annual consumption savings are 1,844,247 Kwh of power and 30,000 GJ of natural gas. Ten Leisure Centres will be retrofitted over a three year period. Bonnie Doon, O'Leary, Peter Hemingway, Kinsmen Sports Centre, Grand Trunk and Mill Woods are complete. Eastglen, Hardisty, Jasper Place and ACT Aquatics & Recreation Centre are under construction in 2010. Hardisty is scheduled to be under construction in 2011.

This project is funded through the Provincial "ME (Municipal Energy) First Energy Efficiency Assistance Program". The program provides a Provincial interest free loan repayable over a five year period. It is anticipated that the energy consumption cost reduction will pay for the capital investment.

Operating Impact: The ME First Energy assessment report identified that operating budget re-payment of the project capital costs would be 100% recoverable through consumption reduction cost savings. The projected payback periods vary for each project; however, the average cost recovery period is estimated to be five (5) years. Expected life cycle replacement of the asset retrofits is twenty (20) to twenty-five (25) years.

## Justification

The ME first programs allows the City to pursue energy consumption reduction initiatives that benefit the environment by reducing greenhouse gas emissions and in addition lesson high energy cost impacts on operating budgets.

## Project Cost Breakdown

Construction	\$	4,317
Design		433

Last Updated: 17-NOV-2010

\$ 4,750

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: ME First-Energy Management

06-21-5655

Business Initiatives: Corporate Business Plan - Infrastructure and Physical Environment, Implement the Infrastructure Strategy; Department Business Plan - Develop a long-term facility plan for the Community Services service challenge of managing an aging infrastructure.

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

#68: Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and on schedule.

Last Updated: 17-NOV-2010



## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Terwillegar Community Rec Centre(TCRC)

05-21-5670

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,071	-	-	-	-	-	3,071
Change	-	-	-	-	-	-	-
Revised Budget	3,071	-	-	-	-	-	3,071

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,071	-	-	-	-	-	3,071
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	3,071	-	-	-	-	-	3,071
Total Financing	-	3,071	-	-	-	-	-	3,071

## Description

This project will provide funding for the development of the new Southwest Community Recreation Centre. The facility will be developed on the Leger District Park Site in the Terwillegar Neighbourhood. Program elements will include an aquatic centre, a fitness centre with walking/jogging track, a flexihall, a four plex ice arena complex, community program space, and associated social and support amenity space.

The needs assessment and conceptual design for this project is in funded profile 04-21-5667. Construction of the SWRC has been transferred to Project 08-75-2509 under Building Design & Construction.

Capital costs have been adjusted to reflect industry cost escalations and program additions, enhancements, as identified through the needs assessment and community feedback. The financing strategy has been updated to reflect developer financing for the arena four plex. The tax supported debt portion of the project will be adjusted if provincial or federal grant and/or sponsorships are provided.

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 2009 and revenues are generated, the tax levy support is projected to decrease.

Operating Impacts are shown under Project 08-75-2509.

## Justification

This project aligns with City Council's Special Initiative related to Sports &

Project Cost Breakdown	
Construction	\$ 3,071

Last Updated: 31-MAR-2010

\$ 3,071

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Terwillegar Community Rec Centre(TCRC)

05-21-5670

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).

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 31-MAR-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: North Central Rec. Centre - Site Plan

06-21-5671

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	198	2	-	-	-	-	200
Change	-	-	-	-	-	-	-
Revised Budget	198	2	-	-	-	-	200

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

198	2	-	-	-	-	200
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		198	2	-	-	-	-	200
Total Financing	-		198	2	-	-	-	-	200

## Description

This project will provide funds for the development of the Joe Clarke Athletic Grounds Site Master Plan, preliminary program statement and initial public consultation for the North Central Multipurpose Recreation Centre. The site master plan and consultation will be completed in conjunction with partners and / or site stakeholders. Program elements will be based on the 2005 community and stakeholder needs assessment and include an aquatic facility, multipurpose gymnasium, fitness area and community program and social space. Design and construction for the North Central fieldhouse is located in profile #08-21-5811(funded) and the multipurpose recreation centre in profile #09-21-5826(funded).

## Justification

North Central Community Recreation Centre is identified as a short term priority in the Recreation Facility Master Plan approved by City Council in 2004. A multi-purpose facility in north central Edmonton will respond to the needs of a high needs, currently underserved population. Development of a public recreation centre in this area will enhance the opportunity of residents to participate in recreation, culture and social activities.

In 2008, Edmonton City Council approved a number of motions related to pursuing the design and construction of the North Central Recreation Centre as outlined in the July 23, 2008 report 2008CSR002 and December 10, 2008, Capital Budget - Multipurpose Recreation Facilities.

Funding will allow for the development of the site master plan, initial public consultation, and the development of the preliminary program statement.

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

## Project Cost Breakdown

Design \$ 200

Last Updated: 14-APR-2010

\$ 200

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: North Central Rec. Centre - Site Plan

06-21-5671

the City of Edmonton. Service Challenge: Meeting the needs of a growing City.  
 Recreation Facility Master Plan: The development of this facility is identified  
 as required in the short term (short term is defined as up to 2010).

Source Of Estimates: Asset Management and Public Works

There will be personnel & support costs in the development of the site master  
 plan, facility concept, business plan and public consultation.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 14-APR-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Multi-Sport Tournament &amp; Rec Site (MTRS)

07-21-5730

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,117	13,400	8,367	4,000	-	2,000	28,884
Change	-	-	-	-	-	-	-
Revised Budget	1,117	13,400	8,367	4,000	-	2,000	28,884

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	-	500	-	-	-	500
Operating Surplus (FSR)	-		-	2,200	-	-	-	-	2,200
Operating Revenues	-		-	-	4,949	-	-	-	4,949
Munc Sustain. Initiative - MSI	-		489	8,500	911	-	-	-	9,900
Developer Financing	-		63	1,700	1,872	3,500	-	2,000	9,135
Financial Stabilization Resrv.	-		565	1,000	135	500	-	-	2,200
Total Financing	-		1,117	13,400	8,367	4,000	-	2,000	28,884

## Description

The construction of an Outdoor Multi-Sport Tournament and Recreation Site is planned for 14 full-size rectangular soccer fields, 3 rugby fields, 8 fenced diamonds(TBD), and the required amenities and services. The site would serve as a City-wide facility and would have potential to accommodate a minimum of eight outdoor field sports (soccer, football, rugby, field lacrosse, ultimate Frisbee, baseball, softball/fastball, and slo-pitch). The facility would meet the practice, regular season and exhibition game needs of all outdoor field users, as well as being able to host a wide range of seasonal tournaments (local, Provincial, National, and International). Clinics, camps and educational programs could also be accommodated at this facility as well as possible individual and group winter activities (snow-shoeing, cross-country skiing, etc).

## Justification

This project will increase recreation and social opportunities in the City of Edmonton. It is unique in the range and integration of services provided and the resulting benefits to citizens. This combination will increase facility utilization when compared to developing separate isolated facilities and provide operating efficiencies that could not be realized otherwise. The increased sportsfields and related amenities will address the need for more quality outdoor playing surfaces and facilities capable of hosting viable tournaments.

## Project Cost Breakdown

Design	\$	200
Construction		28,684

Last Updated: 17-NOV-2010

\$ 28,884

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Multi-Sport Tournament & Rec Site (MTRS)

07-21-5730

This one site will meet the ongoing recreation, culture and social needs of citizens as well as providing significant new economic opportunities. 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. It was also noted that there will be significant social and lifestyle benefits to the citizens of Edmonton as well.

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 Plan for the City of Edmonton. Service Challenge; Meeting the needs of a growing city.

Operational Impact: The additional impact on operations will be the maintenance of the roadways, parking lots and common area landscaping (storm water ponds, perimeter berm planting, planting around roads and parking lots, etc).

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

#68: City construction delays are due primarily to weather and partner financing. Also, PAC payment delays are due to the delay in the 50th Street and area storm water system designs. A process is underway to determine use for space previously allocated to slo-pitch, which may remain as slo-pitch or be reallocated to another activity. Partner Financing delayed as a result.

Last Updated: 17-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: BMX Bike Park Development

08-21-5732

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Reduce barriers to participate in recreation prgms

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	600	-	-	-	600
Change	-	-	-	-	-	-	-
Revised Budget	-	-	600	-	-	-	600

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	-	-	600	-	-	-	600
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		-	-	400	-	-	-	400
General Financing	-		-	-	200	-	-	-	200
Total Financing	-		-	-	600	-	-	-	600

## Description

This project includes City and Partner (Edmonton BMX Racing Club) contribution towards the construction of a permanent outdoor BMX bike park at John Fry Sports Park. The project will include the development of a track and a small storage / maintenance facility.

## Justification

This project aligns with City Council's Special Initiative related to Edmonton's Next Generation. This project will see the development of a permanent outdoor BMX Bike Park. BMX biking is a very popular multi-generational sport in Edmonton. The existing track, managed by the Edmonton BMX Racing Club, will need to be relocated from Argyll Park due to the Velodrome redevelopment project 07-21-5461 as well as the growth occurring in that sport. A larger, permanent facility is needed.

Council 10 year strategic goal: Improve Edmonton's Livability

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

There will be no additional impact on operations as the facility is operated by the Edmonton BMX Racing Club.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment.

Percent for Art	Project Cost Breakdown	
Amount:		
Percent of Total Project:	Design	\$ 50
	Construction	550
		\$ 600
Last Updated:	17-NOV-2010	

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: BMX Bike Park Development

08-21-5732

Planned Growth. Department Business Plan Initiatives: Develop a Parks open space system plan for the City of Edmonton.

Service Challenge: Responding to changing expectations, demands and demographics.

Integrated Service Strategy: Development based on partnerships, balancing diverse needs and uses.

Source of Estimates            Conceptual: +/- 30%

## Change from Previous Approval

#68: Time of cashflow adjusted due to delay in land acquisition, expected to be completed in 2011 with design work beginning early 2011. Final design and construction to be completed in 2011.

Last Updated: 17-NOV-2010



07-21-5738

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Project Manager: Smyth R

Focus: Improve community engagement & participation

FUNDING EARMARKED FOR FUTURE EXPENDITURES	
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## EXPENDITURE PLAN

Description
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To Construct a new boat house in Laurier Park. Edmonton Rowing Club's current thirty year old boathouse facility is inadequate and does not support the present or future needs that are reflected in the Rowing club's business plan relative to the Club's membership and the program growth offered through the Edmonton Rowing Club. The new boat house would allow sufficient room for all boats to be stored inside as well as accommodating boat repairs year round. No impact on operations, as the facility is operated by the Club.

Cost escalation funding is requested in profile CE-21-5738 (unfunded).

\$180K from the 2008 Council Contingency was added in Dec 2008 capital budget deliberation

MOTIONS PM 1 Rowing Club Boat House

MOVED L. Sloan, B. Anderson:

That Project No. CE-21-5738 Rowing Club Boat House (Community Services Department) in the amount of \$180 be added to the funded capital plan in 2008, with funding from the 2008 Council Contingency.

Year 2008

(Page 313) DEALT WITH December 3, 2008

CARRIED

### Justification

This project is in accordance with the Council approved 1993 Buena Vista/Laurier Park Development Program Statement. This development will be included as part

Percent for Art		Project Cost Breakdown	
Amount:	Percent of Total Project:	Construction	\$ 765
Last Updated: 14-APR-2010			\$ 765

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Rowing Club Boat House

07-21-5738

of the upcoming Beuna Vista Park Master Plan. This project would allow Edmonton Rowing Club (ERC) to attract and develop more beginner rowers. ERC caters to the grass roots level and has the ability to work with Rowers who have the potential to move to higher levels.

Source of Estimates Detailed Design: +/- 20%

## Change from Previous Approval

## POSTPONED MOTIONS

PM 1 Rowing Club Boat House

MOVED L. Sloan, B. Anderson:

That Project No. CE-21-5738 Rowing Club Boat House (Community Services Department) in the amount of \$180 be added to the funded capital plan in 2008, with funding from the 2008 Council Contingency.

Year 2008

(Page 313) DEALT WITH December 3, 2008

CARRIED

## Total Project Cost /Timing (in \$000's)

Completion Year: 2009 Total Project Costs: \$765 Expenditures Beyond CPP Period:

Last Updated: 14-APR-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Nordic Ski Club Snow Making

07-21-5740

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	54	100	146	-	-	-	300
Change	-	-	-	-	-	-	-
Revised Budget	54	100	146	-	-	-	300

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	54	100	146	-	-	-	300
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	100	142	-	-	-	242
General Financing (non-TCA)	-		8	-	-	-	-	-	8
Financial Stabilization Resrv.	-		46	-	4	-	-	-	50
Total Financing	-		54	100	146	-	-	-	300

## Description

This Project is to provide snowmaking capabilities in Goldbar Park. The installation of a water pipeline by Petro Canada and the City of Edmonton presents a unique opportunity to the Edmonton Nordic Ski Club. Petro Canada has installed four outlets on the pipe (two in Gold Bar Park, one in Rundle Park and one in Strathcona Science Park) to be used for future snow making capabilities. Edmonton Nordic Ski Club now has the opportunity to tie into the pipeline and utilize the water in the line to make snow in November to provide a ski base in early winter through to March. The snow making infrastructure is to be fitted along approximately 5 km of the ski trail system in Gold Bar Park.

## Justification

Due to recent weather pattern changes, the Club can no longer confidently predict that Edmontonians will be able to ski from mid November through to mid March. The 2005/06 cross country ski season in Edmonton did not commence until March 1, 2006 and resulted in adult lessons and children's programming being cancelled due to lack of snow. This snow making capability would provide a reliable cross country skiing venue for all Edmonton area skiers. This proposal is supported in a number of the Urban Parks Management Plan. Principles: Urban Wellness; Safe Parks; Community Partners. This proposal strongly supports active living in Edmonton for those in all financial brackets.

The Edmonton Nordic Ski Club works with the City to provide groomed trails for all Edmontonian's. Once the ENSC's Snow Project is completed, ENSC will continue to offer grooming services for cross country skiing in Gold Bar/Goldstick and Capilano Parks'. The enhanced grooming and snow making services by ENSC are free

## Project Cost Breakdown

Design &amp; Construct. \$ 300

Last Updated: 17-NOV-2010

\$ 300

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Nordic Ski Club Snow Making

07-21-5740

of charge and accessible to all citizens in the Edmonton Area.

**Partner Financing - Project Cost:** The Club anticipates financing the remaining capital infrastructural costs of the project through proceeds, a casino, a provincial grant and fundraising efforts over the next two year period (2010-2011) and these measures are planned to cover the anticipated price tag of \$1.2 million for the overall project. The implementation/ Construction of the project is anticipated to take place in Spring 2011 to Fall 2011.

**Grant Eligibility:** The Edmonton Nordic Ski Club will likely apply to the province for a Community Facility Enhancement Program grant.

This partner project aligns well with Council's 10 Year Strategic Goal-Improve Edmonton's Livability: Edmonton is one of Canada's most livable cities because it is welcoming to all; is safe and clean; fosters its heritage and supports its arts and multicultural communities; encourages active lifestyles through recreational opportunities; engages its citizen's in the city's vision and directions.

This project also aligns well with City of Edmonton's Corporate Business Plan in terms of Building the Capital City-Services to People: Quality, best value services that contribute to Edmonton's safety, security, well being and enjoyment.

During the construction phase of this project (Spring-Fall 2011), sections of Goldbar's trail system will be closed for upgrades and will not affect other city project in the area. Once the upgrade project is completed and operational- Snow Making and Grooming operations in the winter months will impact both ENSC and the City.

The impact to the City will be that Parks staff (aprox \$5,000 extra) may need to be on site and/or on call to potentially oversee the snow making process to ensure safety and public access is restricted on the trail system during the snow making time frames in Goldbar.

**Impact to Partner Group:** The Edmonton Nordic Ski Club will be impacted in terms of their annual operating budget relative to the "new" snow making services they will be able to provide in Goldbar Park. The long term financial impacts of operating snow making infrastructure will be outlined in a Detailed Business Casewhich is to be submitted prior to construction/implementation of the project.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

#68: Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and completed in 2011.

Last Updated: 17-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Artificial Playing Surfaces: Qdrnt Based

07-21-5746

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,867	4,480	3,953	4,100	-	-	14,400
Change	-	-	-	-	-	-	-
Revised Budget	1,867	4,480	3,953	4,100	-	-	14,400

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	1,867	4,480	3,953	4,100	-	-	14,400
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		1,867	4,480	3,953	4,100	-	-	14,400
Total Financing	-		1,867	4,480	3,953	4,100	-	-	14,400

## Description

As directed in the approved Artificial Turf Strategy, this composite program provides funding for the development of artificial playing surfaces in all four quadrants of the City. Project includes the design and construction of single or multi-fields in 2009, 2010 and 2012.

Locations are as follows:

2009 - Jasper Place Bowl  
 2010 - Mill Woods District Park  
 2012 - 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.\*

## 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.

Project Cost Breakdown	
Construction	\$ 13,400
Design	1,000

Last Updated: 17-NOV-2010

\$ 14,400

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Artificial Playing Surfaces: Qdrnt Based

07-21-5746

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.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

#68: YTD there have been over 30 rain delay days and 20 redesign days due to unknown utilities discovered during excavation for the Mill Woods project. Amenitiy building design construction moved to 2011 to match Site Master Plan development schedule.

Last Updated: 17-NOV-2010

COMPOSITE		<b>Community Services</b> (thousands of dollars)							
PROGRAM:		Community Facility Services							
PROJECT NAME:		Recreation Facility Safety and Security					09-21-5771		
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Smyth R				
Outcome:		Improve Edmonton's Livability			Focus: Improve community engagement & participation				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		430	959	520	-	-	-	1,909	
Change		-	-	-	-	-	-	-	
Revised Budget		430	959	520	-	-	-	1,909	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	533	546	560	1,639	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	533	546	560	1,639	
TOTAL CAPITAL EXPENDITURE PLAN		430	959	520	533	546	560	3,548	
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing (non-TCA)	-		5	-	-	-	-	-	5
General Financing	-		425	959	520	533	546	560	3,543
Total Financing	-		430	959	520	533	546	560	3,548
<b>Description</b> This project will address the safety and security risks at recreation facilities and park settings around the facilities. Equipment purchases will be made to improve lighting, communications, video surveillance, uninhibited site lines and other strategies to improve personal safety and security of customers and staff.									
<b>Justification</b> Personal safety and security is a growing issue for customers and staff. Many recreation facilities were not designed to deal with today's safety and security issues. Customers and the community expect recreation centres to be safe and secure places to play and work. Most recreation facilities have conditions that cause people to perceive the recreation facility may not be safe or secure. Through consultation with customers, stakeholders, public and law enforcement, the recreation facilities can be more safe and secure.									
Funding levels are required to purchase the equipment.									
The outcome of this initiative would be recreation facilities and surrounding 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.									
Corporate Business Plan - Municipal Responsibility, Services to people; Department Business Plan Initiative: Integrated Service Strategy: Urban Wellness - Walkable Neighborhoods; Service Challenge: Responding to Changing Expectations, Demands and Demographics; Department Business Plan: Health, Safety & Security.									
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Project Cost Breakdown</b>            Equipment \$ 1,909         </div>									
Last Updated:		14-APR-2010			\$ 1,909				

COMPOSITE

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Recreation Facility Safety and Security

09-21-5771

Impact on Operations	2010	2011	2012	2013	2014
Materials	-	-	7	7	-
Personnel	-	-	8	8	-
Total Impact	-	-	15	15	-

Last Updated: 14-APR-2010



## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Lewis Farms Multi-Purp Fac - Design

10-21-5784

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	1,000	-	-	1,000
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	1,000	-	-	1,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	-	1,000	-	-	1,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	-	-	1,000	-	-	1,000
Total Financing	-		-	-	-	1,000	-	-	1,000

## Description

Preliminary design cost in support of development of a multi-purpose recreation facility that includes a competitive aquatic venue, fitness centre, flexihall, multi-purpose spaces and twin arenas. See Project 12215785 For Construction Costs.

This project is part of the City Council approved Medium Term Recreation Facility and Sport Field Plan (approved July 17, 2007). The Lewis Farms facility project is listed as a 3rd priority and as such should commence after Clareview and Meadows multi-purpose recreation facilities commence.

## Justification

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.

## Change from Previous Approval

MSI funding cashflowed to 2012 as a result of delays in funding from province.

Percent for Art

Amount:

Percent of Total Project:

0%

## Project Cost Breakdown

Design \$ 1,000

Last Updated: 27-MAY-2010

\$ 1,000

## Community Services

(thousands of dollars)

PROGRAM: Neighbourhood &amp; Community Dev.

PROJECT NAME: 118 Avenue Initiative

07-21-5788

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Barnhart K.

Outcome: Transform Edmonton's Urban Form

Focus: Increase dwelling density

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	5,010	576	-	-	-	-	5,586
Change	-	-	-	-	-	-	-
Revised Budget	5,010	576	-	-	-	-	5,586

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

5,010	576	-	-	-	-	5,586
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Operating Surplus (FSR)	-		2,621	-	-	-	-	-	2,621
General Financing	-		2,389	576	-	-	-	-	2,965
Total Financing	-		5,010	576	-	-	-	-	5,586

## Description

The Streetscape for 118 Avenue (82nd St. to 87th St.), as part of the Council approved Avenue Initiative Revitalization Strategy, is substantially completed. The streetscape costs included decorative street lighting, pedestrian level lighting, trees, sidewalk enhancements and other architectural features as well as side street improvements north and south of 118 Avenue.

## Justification

Outcome: a Vibrant neighbourhoods and dynamic downtown. A city with strong, sustainable neighbourhoods, physically sound, with opportunity for all citizens. This project was approved by City Council in December 2005.

Source of Estimates: Transportation and Streets

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Project is substantially complete. Some tree maintenance to be completed in 2010. Project underspent as a result of better tender prices than anticipated.

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$5,666 Expenditures Beyond CPP Period: \$80

## Project Cost Breakdown

Design	\$	200
Construction		5,466

Last Updated: 01-DEC-2010

\$ 5,666

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Marquis Pylon Sign-Commonwealth Stadium

08-21-5792

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	270	-	-	-	-	270
Change	-	-	-	-	-	-	-
Revised Budget	-	270	-	-	-	-	270

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	270	-	-	-	-	270
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		-	270	-	-	-	-	270
Total Financing	-		-	270	-	-	-	-	270

## Description

This project will replace the existing Commonwealth Stadium sign located on the corner of 112 Avenue and Stadium Road.

## Justification

The current Marquis Sign is at the end of its lifespan and requires extensive maintenance and ongoing repairs. The operating hardware and software for these signs is outdated, can no longer be serviced and new hardware is not compatible with the old software. The new sign will reduce operating and maintenance costs.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Managing an aging infrastructure.

Cost estimate provided by BD&C Sept 25/09.

## Change from Previous Approval

#69: To be financed by partner funds.

## Project Cost Breakdown

Equipment	\$	270
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Last Updated: 17-NOV-2010

\$	270
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## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: ME First Energy Management-Arenas

07-21-5798

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10	733	325	-	-	-	1,068
Change	-	-	-	-	-	-	-
Revised Budget	10	733	325	-	-	-	1,068

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

10	733	325	-	-	-	1,068
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		10	733	325	-	-	-	1,068
Total Financing	-		10	733	325	-	-	-	1,068

## Description

This project provides funding for planned energy efficiency improvements to Arenas (lighting upgrades, heat recovery, equipment replacements, controls upgrades) which will reduce energy consumption.

This project is funded through the Provincial "ME (Municipal Energy) First Energy Efficiency Assistance Program". The program provides a Provincial interest free loan repayable over a five year period. It is anticipated that the energy consumption cost reduction will pay for the capital investment. Phase one (completed) arenas include: Callingwood Twin Arena, Castledowns Twin Arena and Clareview Twin Arena. Phase two arenas (design) include: Kenilworth Arena, Michael Cameron Arena, Donnan Arena and Glengarry Arena.

Operating Impact: The ME First Energy Assessment report identified that operating budget re-payment of the project capital costs would be 100% recoverable through consumption reduction cost savings. The projected payback periods vary for each project; however, the average cost period is estimated to be five (5) years. Expected life cycle replacement of the asset is twenty (20) to twenty-five (25) years.

## Justification

The ME first program allows the City to pursue energy consumption reduction initiatives that benefit the environment by reducing greenhouse gas emissions and in addition lesson high energy cost impacts on operating budgets.

Business Initiatives: Corporate Business Plan - Infrastructure and Physical Environment, Implement the Infrastructure Strategy; Department Business Plan; Develop a long-term facility plan for Community Services Department. Service

## Project Cost Breakdown

Construction	\$	1,068
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Last Updated: 17-NOV-2010

\$	1,068
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## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: ME First Energy Management-Arenas

07-21-5798

Challenge: managing an aging infrastructure.

Source of Estimates Award: +/- 10%

## Change from Previous Approval

#68: Update cashflow for energy upgrade work at Glengarry, Donnan, Kenilworth, and Michael Cameron arenas based on latest information.

Last Updated: 17-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Field House At St. Francis Xavier

07-21-5800

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	9,342	7,897	-	-	-	-	17,239
Change	-	-	-	-	-	-	-
Revised Budget	9,342	7,897	-	-	-	-	17,239

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

9,342	7,897	-	-	-	-	17,239
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-	6,147	7,553	-	-	-	-	13,700
Developer Financing	-	3,195	344	-	-	-	-	3,539
Total Financing	-	9,342	7,897	-	-	-	-	17,239

## Description

This project includes City and Partner (Edmonton Catholic Schools) contribution towards the construction of a Field House adjacent to St. Francis Xavier High School on the Johnny Bright Sports Park. The project will include the development of large central activity area with synthetic sport flooring that may be divided into three full-sized gymnasiums, as well as two large change rooms, a lobby with public washrooms, a second floor spectator area and a 200 M jogging/walking track suspended above the second floor.

Community access includes open or drop-in use of the jogging track and one of the three gyms during hours of operation and access to two of the three gyms by community groups from 5 to 11 pm Monday - Friday and during hours of operation on most weekends, holidays and summer. Edmonton Catholic Schools would utilize 2 of the 3 gymnasiums from 7:30 am to 5:00 pm school days and on 6 weekends a year. In addition to the costs indicated here, the partner expended funds prior to 2008 of \$391K for a total project cost of \$17,630.

## Justification

The joint venture between the City of Edmonton and Edmonton Catholic School will meet the needs of both the community and school and is congruent with the Recreation Facility Master Plan and the direction identified in the Medium Term Recreation Facility and Sports Field Plan (Council approved on July 17, 2007).

City Council approved the St. Francis Xavier Field House Proposal Report on June 19, 2007.

SOURCE OF FUNDING: A combination of funding that includes Municipal Sustainability Initiative, municipal and partner funding.

Percent for Art	Project Cost Breakdown	
Amount:		
Percent of Total Project:		
0%		
	Contingency	\$ 1,137
	Construction	15,508
	Design	594
Last Updated:	14-APR-2010	\$ 17,239

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Field House At St. Francis Xavier

07-21-5800

SOURCE OF ESTIMATES: Based on Concept Design Report developed by Bennett Architect Inc.

IMPACT ON OPERATIONS: The annual operating costs for the facility will be shared with ECS based on anticipated usage of the facility. Approximately 30% of the facility will be used by the school and 70% of the time will be accessible to the community. The City of Edmonton and Edmonton Catholic Schools will cost share the operating and maintenance costs based on this ratio.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Department Business Plan: Well Planned Urban Environment; Integrated Service Strategy - Target F.2.3: Work with community organizations or other interested parties to develop local and regional facilities for Edmontonians. Define and Develop a Community Hub; Develop Parks Open Space for the City of Edmonton. Service Challenge: Managing Growth and Public Expectations.

Start date: January 2009

Anticipated completion: Spring 2010

Source of Estimates Conceptual: +/- 50%

### Change from Previous Approval

Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and on schedule.

Impact on Operations	2010	2011	2012	2013	2014
Personnel	84	-	-	-	-
Revenue	(209)	(50)	-	-	-
Services	190	-	-	-	-
Utilities	70	-	-	-	-
Materials	51	-	-	-	-
Total Impact	186	(50)	-	-	-

Last Updated: 14-APR-2010

COMPOSITE		<b>Community Services</b> (thousands of dollars)										
PROGRAM:		Neighbourhood & Community Dev.										
PROJECT NAME:		Great Neighbourhoods Initiative					09-21-5800					
Group-Criteria:		C-100 Projects With Budget Approval			Project Manager: Barnhart K.							
Outcome:		Improve Edmonton's Livability			Focus: Enhance social connectedness for all citizens							
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total				
Budget as Approved		8,557	10,888	25,555	-	-	-	45,000				
Change		-	-	-	-	-	-	-				
Revised Budget		8,557	10,888	25,555	-	-	-	45,000				
FUNDING EARMARKED FOR FUTURE EXPENDITURES												
Existing Plan Expenditures		-	-	-	15,000	15,000	15,000	45,000				
Change		-	-	-	-	-	-	-				
Revised Expenditures		-	-	-	15,000	15,000	15,000	45,000				
TOTAL CAPITAL EXPENDITURE PLAN		8,557	10,888	25,555	15,000	15,000	15,000	90,000				
Financing		Budget Request	Prior Years	2010	2011	2012	2013	2014	Total			
Tax-Supported Debt		-	8,557	10,888	25,555	15,000	15,000	15,000	90,000			
Total Financing		-	8,557	10,888	25,555	15,000	15,000	15,000	90,000			
<b>Description</b> The Great Neighbourhoods Initiative incorporates a number of previous Capital Projects into one overarching initiative. This includes high priority Neighbourhood Revitalization projects in high need areas of the city, coordinated neighbourhood improvements that are scheduled in conjunction with roads and/or drainage rehabilitation and renewal as well as significant streetscape enhancements.  In Dec 2008, City Council endorsed the use of Tax Supported Debt to fund these revitalization and renewal initiatives with \$45 million approved in the 2009-2011 budget cycle. Estimates of assets constructed/purchased over the first 3 years includes Hard surfacing (\$24.6m, average asset life 30 years), Street lighting and signals (\$14.3m, average asset life 30 years), Trees (\$.6m, average asset life 50 years), Street Furniture (\$2.6m, average asset life 15 years), Building (\$2m, average asset life 25 years) and Public Art (\$.9m.). Tax Supported Debt would have a debenture term of up to 25 years.  <b>PRIORITY NEIGHBOURHOOD REVITALIZATION</b> The following revitalization initiatives have been selected based on the set of established and approved Corporate Neighbourhood Indicators. Jasper Place Initiative: Design for the revitalization from 140 St to 170 St will occur in 2009/2010 with the construction of six subsequent streetscape revitalization phases scheduled from 2011 through to 2016. (2009-2011 \$5.9m) Alberta Avenue: Continuation of the City Council approved Avenue Revitalization Initiative (Alberta Avenue) will occur with the remaining four revitalization phases scheduled from 2009 through to 2012. Work will occur in conjunction with Transportation and Streets Roadway rehabilitation work. (2009-2011 \$19.5m) An additional \$2.5 million has also been included for the purchase and rehab of the Alberta Cycle building. McCauley Initiative: Design for the revitalization will occur in 2010/2011 (\$.5m)												
Percent for Art		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Project Cost Breakdown</td> </tr> <tr> <td>Const. &amp; Design</td> <td style="text-align: right;">\$ 45,000</td> </tr> </table>							Project Cost Breakdown		Const. & Design	\$ 45,000
Project Cost Breakdown												
Const. & Design	\$ 45,000											
Amount:	\$900	Percent of Total Project:		1%								
Last Updated:		17-NOV-2010		\$ 45,000								



COMPOSITE

Community Services

PROGRAM:

Neighbourhood & Community Dev.

PROJECT NAME:

Great Neighbourhoods Initiative

09-21-5800

with construction of the three subsequent revitalization phases scheduled from 2012 through to 2014. As part of the revitalization strategy, a site (\$.241M) will be acquired for future development (ie Artist's Village).

Central McDougall / Queen Mary Park Initiative: Design for the revitalization will occur in 2011/2012 (\$.2m) with construction of the three subsequent revitalization phases scheduled from 2013 through to 2016.

COORDINATED NEIGHBOURHOOD REDEVELOPMENT

Formerly referred to as the Great Neighbourhoods Composite Program, this work ensures that neighbourhood improvements are planned and coordinated at the same time that roads and/or drainage infrastructure rehabilitation or renewal is undertaken. Types of amenities and improvements include (but are not limited to) water features, art, outdoor theatres, lighting upgrades, neighbourhood safety enhancements and leisure activities such as outdoor chess tables and seating. \$3.8 million has been allocated for 2009-2011 to start this program with total funding of \$54 million from 2009 to 2023.

STREETSCAPE INITIATIVES

A number of Streetscape initiatives have also been included in this profile. These occur in neighbourhoods that have been targeted for redevelopment and include: Beverly Streetscape (118 Ave, 42 St to 50 St): \$2.3m was spent in 2009 for streetscape work including urban design improvements consisting of Glenora style lighting, pedestrian lighting, trees, benches, new bus shelters etc. 108 St Streetscape (99 Ave to 104 Ave): \$10.0m has been allocated from 2009 to 2011 to coordinate City Streetscape work with planned provincial improvements south of 99 avenue to the Legislature grounds.

This profile incorporates the following previously existing profiles: 09-21-0901, 09-21-5788, 09-21-5185, 07-17-0326, 08-17-0346, 08-17-0353, 05-17-0339.

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.

Source of Estimates

Preliminary Design: +/- 30%

Change from Previous Approval

#68: Time of cash flow adjusted to reflect latest projection information.

Total Project Cost /Timing (in \$000's)

Completion Year:

2018

Total Project Costs:

\$150,000

Expenditures Beyond CPP Period:

\$60,000

Last Updated:

17-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: North Central Field House - Joe Clarke

08-21-5811

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	21,992	228	-	-	-	-	22,220
Change	-	-	-	-	-	-	-
Revised Budget	21,992	228	-	-	-	-	22,220

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	21,992	228	-	-	-	-	22,220
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Support Dbt Rsv (non-TCA)	-	115	-	-	-	-	-	115
Tax-Supported Debt Reserve	-	1,857	228	-	-	-	-	2,085
General Financing	-	20	-	-	-	-	-	20
Tax-Supported Debt	-	20,000	-	-	-	-	-	20,000
Total Financing	-	21,992	228	-	-	-	-	22,220

## Description

Funding will be used for the design and construction of a Field house at the Joe Clark Athletic Grounds adjacent to Commonwealth Stadium. Funding will also be used to complete the schematic design of the North Central Multipurpose Recreation Centre. City Council approved a budget adjustment of \$40 million for this project on July 23rd, 2008. The project will include the design and construction of a field house, general change rooms, Edmonton Eskimo Locker room and general amenities, support spaces to connect and integrate the fieldhouse with the existing Commonwealth Sport and Fitness Centre, site servicing (utilities, parking and landscaping) and the schematic design of the multi-purpose Recreation Centre.

Estimated useful life of this asset is 50 years. Developer financing of \$20 million will be provided by the Edmonton Eskimos.

## Justification

This project is identified as a short term priority in the Recreation Facility Master Plan. Development of a public recreation centre in this area will enhance the opportunity of residents to participate in recreation, culture and social activities and create a social heart for the community of north central Edmonton.

A partnership with the Edmonton Eskimo Football Club leverages the City's investment...and the Eskimos' investment. It makes excellent use of limited resources available, while meeting demand for new recreational facilities that serve both the Eskimos and the community.

Percent for Art			Project Cost Breakdown	
Amount:	\$149	Percent of Total Project:	1%	Construction \$ 16,000
				Other 78
				Design/Project Managem 6,142
Last Updated: 14-SEP-2010				\$ 22,220

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: North Central Field House - Joe Clarke

08-21-5811

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: The development of this facility is identified as required in the short term (short term is defined as up to 2010). City Council Directive: As noted in the June 15, 2004 City Council Minutes: "That administration continue to work with the YMCA, EPSB, Area Community Leagues and other stakeholders on the development of a satellite facility at the north central location".

## SOURCE OF ESTIMATES:

Based on the 2007 Preliminary Program Statement estimates were developed by AMPW and subsequent Function Program Report completed by Canon Design in 2008. These estimates include detail design, construction, site development, landscaping, access roads, project management fees, 1% Art cost and all other soft costs.

\*Impact On Operations included on 09-21-5826.

Source of Estimates              Conceptual: +/-    50%

## Change from Previous Approval

Transfer out Eskimos Partner portion of the budget as they are managing the contract and funds will be expended directly and not transferred to the City.

Last Updated:              14-SEP-2010

## Community Services

(thousands of dollars)

PROGRAM: Neighbourhood &amp; Community Dev.

PROJECT NAME: SouthEast Edmonton Seniors Ass'n (SEESA)

08-21-5822

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Barnhart K.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	935	165	-	-	-	-	1,100
Change	-	-	-	-	-	-	-
Revised Budget	935	165	-	-	-	-	1,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	250	-	-	250
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	250	-	-	250

## TOTAL CAPITAL

## EXPENDITURE PLAN

935	165	-	250	-	-	1,350
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		435	165	-	250	-	-	850
Operating Surplus (FSR)	-		500	-	-	-	-	-	500
Total Financing	-		935	165	-	250	-	-	1,350

## Description

The South East Edmonton Seniors Association (SEESA) was incorporated by seniors to serve seniors on June 17, 1980. For 25 years the association has operated as a membership-based organization providing programs and activities from its facility at 9350 - 82 Street. SEESA has added an 5,957 square feet of space to the west side of the building. The expanded space includes additional program and support space as well as an enlarged kitchen/cafeteria.

## Justification

Prior to expanding SEESA was operating at capacity. Census information indicated that the Bonnie Doon/Capilano area had the highest percentage of seniors in the City. When the full age range on those eligible to join SEESA is taken into consideration, 26% of area residents could take advantage of their services (13,185 people of a total of 49,525).

Consturction of the addition was completed in the fall of 2009. Construction of the parking lot is anticipated in 2010. The planned 50 car parking lot is currently under review based on a joint parking lot proposal brought forward by the adjacent Community League. Funding for the parking lot are in place.

Impact on Operations (in 000's): None

Source of Estimates Conceptual: +/- 0%

## Project Cost Breakdown

Const. &amp; Design \$ 1,350

Last Updated: 14-APR-2010

\$ 1,350

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Multi-Purpose Recreation Centres

09-21-5826

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Reduce barriers to participate in recreation prgms

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	4,086	35,909	102,393	100,944	51,840	-	295,172
Change	-	-	-	-	-	-	-
Revised Budget	4,086	35,909	102,393	100,944	51,840	-	295,172

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

4,086	35,909	102,393	100,944	51,840	-	295,172
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Comm. Fac. Enhancmt	-	-	-	200	-	-	-	200
Prog. Grant	-	-	-	-	-	-	-	-
Tax-Supported Debt	-	4,086	35,909	102,193	100,944	51,840	-	294,972
Total Financing	-	4,086	35,909	102,393	100,944	51,840	-	295,172

## 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 Community Recreation Centre

This Centre will be built on the existing Commonwealth Sport and Fitness Centre, expanding onto the Joe Clarke Athletic Grounds. It will have an integrated facility design to blend existing spaces with new spaces. Program elements include: a leisure pool, fitness centre, indoor walking/jogging track, field house, common lobby and office and support space. Approved funding to support the development of the Fieldhouse is included in Project 08-21-5811.

## Clareview Community Recreation Centre

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 arena. The Clareview Branch Library will also be integrated into the recreation centre but currently has it's own profile. Also, included is associated parking, outdoor plaza and pedestrian connection to the clareview LRT station (T.O.D.). Projected opening 2013.

## Meadows Community Recreation Centre

Develop a major multi-purpose recreation facility that includes an aquatic centre, fitness centre, two gyms, indoor playground and concession, multi-purpose spaces and twin arenas. In addition, the Meadows Library will be integrated into the recreation facility. The budget for the Library has been integrated into this existing profile. An access road, adequate parking and a transit drop-off loop will

Percent for Art			Project Cost Breakdown	
Amount:	\$1,759	Percent of Total Project:	1%	
			Percent for Art	\$ 1,774
			Design	25,663
			Construction	255,284
			Furnishings & Equipment	12,451
Last Updated:				\$ 295,172
17-NOV-2010				

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Multi-Purpose Recreation Centres

09-21-5826

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" with spray park which links this recreation facility to other site amenities. Projected opening - September 2013.

### 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.

### Change from Previous Approval

#68: Construction of offsite servicing for the Meadows Rec Centre is scheduled to proceed in 2011 instead of 2010. Project is on-budget and on-schedule. Cashflow from 2012 to 2011 based on latest information.

#69: CFEP Grant to be used for FF&E at Field House at North Central.

### Total Project Cost /Timing (in \$000's)

Completion Year: 2013      Total Project Costs: \$294,972      Expenditures Beyond CPP Period: -\$200

Impact on Operations	2010	2011	2012	2013	2014
Personnel	-	2,294	2,237	2,445	307
Materials	-	174	186	185	11
Services	-	233	225	209	24
Utilities	-	661	663	529	11
General Maintenance	-	20	-	566	-
Revenue	-	(1,866)	(2,525)	(2,723)	(492)
<b>Total Impact</b>	-	1,516	786	1,211	(139)

Last Updated: 17-NOV-2010

## Community Services

(thousands of dollars)

PROGRAM: Community Facility Services

PROJECT NAME: Varscona Theatre - Major Fac Redev Upgr

09-21-5830

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	2,000	-	-	-	2,000
Change	-	-	-	-	-	-	-
Revised Budget	-	-	2,000	-	-	-	2,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	2,000	-	-	-	2,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	-	2,000	-	-	-	2,000
Total Financing	-		-	-	2,000	-	-	-	2,000

## 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 designed by Architeque Marc Boutin include increased lobby space by 50% with the addition of a second storey for an 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.

## 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-

Percent for Art		Project Cost Breakdown	
Amount:	\$10	Construction	\$ 1,000
Percent of Total Project:	1%	Design	1,000
Last Updated: 17-NOV-2010			\$ 2,000

## Community Services

PROGRAM: Community Facility Services

PROJECT NAME: Varscona Theatre - Major Fac Redev Upgr

09-21-5830

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.

Source of Estimates Preliminary Design: +/- 50%

## Change from Previous Approval

#68: Partner financing has not been confirmed yet. COE financing moved from 2010 to 2011.

Last Updated: 17-NOV-2010



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)																
PROGRAM: Sanitary Drainage																		
PROJECT NAME: Environmental Improvements		09-23-0600																
Group-Criteria: A-130 Projects Required To Meet Commitments		Project Manager: Hodgson J.																
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)																
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>										
Budget as Approved		823	797	840	-	-	-	2,460										
Change		-	-	-	-	-	-	-										
Revised Budget		823	797	840	-	-	-	2,460										
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>																		
Existing Plan Expenditures		-	-	-	860	879	899	2,638										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	860	879	899	2,638										
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		823	797	840	860	879	899	5,098										
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>										
Drainage Retain Earnings	-	823	797	840	860	879	899	5,098										
Total Financing	-	823	797	840	860	879	899	5,098										
<b>Description</b> This project consists of the Interconnection Control Strategy and Overland Drainage. The Interconnection Control Strategy is one of the three major components in the CSO Control Strategy which was approved by Transportation and Public Works Committee on March 14, 2000. The other initiatives are included in projects 09-23-9702, 05-23-2160 and 06-23-5415. This project will improve the water quality in the North Saskatchewan River through controlling sewer interconnections city wide. Measures undertaken to identify the needed environmental improvements include flow monitoring, investigations and assessments of any negative impacts, the level of service, and the risk of flooding. Improvement alternatives are developed and implemented. Two interconnection projects are identified to be implemented in 2009. This project will have no operating impact. This project is funded by both Sanitary and Land Drainage.  The Overland Drainage project improves the environment by the design and construction of storm drainage works for correction of flooding and erosion problems caused by overland flows. Erosion and flooding are a hazard to the public and may cause property damage. This project will not have any operating impact. Forty drainage complaint locations have been identified for investigation and implementation if necessary, in 2010.  <b>Justification</b> The implementation of the Interconnection Control 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.  Surface flooding and erosion due to overland flow from rainfall or snow melt creates conditions hazardous to the public through direct flooding, traffic																		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Project Cost Breakdown</b></td> </tr> <tr> <td>Design</td> <td style="text-align: right;">\$ 264</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">2,196</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 2,460</td> </tr> </table>							<b>Project Cost Breakdown</b>		Design	\$ 264	Construction	2,196			\$ 2,460	
<b>Project Cost Breakdown</b>																		
Design	\$ 264																	
Construction	2,196																	
\$ 2,460																		
Last Updated: 24-NOV-2010																		

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	Environmental Improvements
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09-23-0600

impacts (street inundation and route blockage) and erosion resulting in structural damage.

Source of Estimates	Preliminary Design: +/- 30%
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Last Updated: 24-NOV-2010

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Opportunistic Sewer Separation

05-23-2160

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	11,103	2,266	3,000	3,000	3,000	3,000	25,369
Change	-	-	-	90	214	374	678
Revised Budget	11,103	2,266	3,000	3,090	3,214	3,374	26,047

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

11,103	2,266	3,000	3,090	3,214	3,374	26,047
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	678		9,035	2,213	3,000	3,090	3,214	3,374	23,926
Drainage Retain Earnings	-		2,068	53	-	-	-	-	2,121
Total Financing	678		11,103	2,266	3,000	3,090	3,214	3,374	26,047

## 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 5,000 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 CSO Control are included in projects 09-23-9702, 06-23-5415 and 09-23-0600.

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.

## 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.

## Source of Estimates

Detailed Design: +/- 20%

## Project Cost Breakdown

Construction	\$	87,147
Design		25,237

Last Updated: 24-NOV-2010

\$ 112,384

## Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Opportunistic Sewer Separation

05-23-2160

Total Project Cost /Timing (in \$000's)

Completion Year: 2029      Total Project Costs: \$112,384      Expenditures Beyond CPP Period: \$86,337

Last Updated: 24-NOV-2010

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: CSO Performance Optimization

06-23-5415

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,597	1,707	-	-	-	-	3,304
Change	-	-	(1,500)	1,500	-	-	-
Revised Budget	1,597	1,707	(1,500)	1,500	-	-	3,304

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,597	1,707	(1,500)	1,500	-	-	3,304
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	-		1,597	1,707	(1,500)	1,500	-	-	3,304
Total Financing	-		1,597	1,707	(1,500)	1,500	-	-	3,304

## Description

This project includes the design and construction of modification works to four existing Combined Sewer Overflow (CSO) structures to reduce combined sewer overflows to the North Saskatchewan River. The four CSO structures are Rat Creek structure, Hardisty structure, Downtown CSO structures and Highland CSO# 2 structure. The implementation of the project will be coordinated with the West Edmonton Sanitary Sewer (WESS) W12 project at which time the treatment plant and conveyance systems will have capacity to handle the increased flows. The other major components and initiatives of CSO control are included in projects 09-23-9702, 05-23-2160 and 09-23-0600.

This project will have no operating impact.

## Justification

This project being part of the overall integrated effort of the CSO Control Strategy, will meet the requirement of Edmonton's Approval-to-Operate (No. 639-02-07) under the Alberta Environmental Protection and Enhancement Act.

## Schedule

Design - 2006 to 2009

Construction - 2006 to 2012

## Source of Estimates

Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2012

Total Project Costs: \$3,304

Expenditures Beyond CPP Period:

## Project Cost Breakdown

Design	\$	662
Construction		2,642

Last Updated: 24-NOV-2010

\$ 3,304

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Drainage Storage for Emergency Pumping E

07-23-5418

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	12,319	2,544	-	-	-	-	14,863
Change	-	-	(1,800)	-	-	-	(1,800)
Revised Budget	12,319	2,544	(1,800)	-	-	-	13,063

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

12,319	2,544	(1,800)	-	-	-	13,063
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	(1,800)		12,319	2,544	(1,800)	-	-	-	13,063
Total Financing	(1,800)		12,319	2,544	(1,800)	-	-	-	13,063

## Description

Drainage Operations is experiencing a shortage of office and garage space. This project is expected to address the current space requirements and accommodate future growth. The work includes the renovation of the existing Administration area, conversion of an existing garage area to additional office space and the construction of a new building to store emergency by-pass pumping equipment and vehicles. The vacant land on the southwest corner of the existing site has been made available for the construction of the new storage building. This project will have no operating impact.

## Justification

The shortage of office space has become more acute with the addition of the Flood Prevention Program operated from Kennedale. This program was implemented temporarily to provide assistance to residents after the heavy rainstorm in July 2004. In 2007 the program became permanent. Additional office space is required to expand the existing Customer Services area to accommodate the implementation of the City-wide 311 Call Centre program.

The shed will provide storage space for emergency bypass pumping equipment that is currently stored outside. Also, it will provide garage space for the vehicles displaced by the conversion of some garage space to office space.

## Source of Estimates

Award: +/- 10%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$13,063 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Construction	\$	10,044
Furn. & Equip.		75
Equipment		615
Land		1,322
Design		831
Contingency		176
	\$	13,063

Last Updated: 09-NOV-2010

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Eastgate Building

09-23-5419

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	517	852	100	-	-	-	1,469
Change	-	-	4,645	-	-	-	4,645
Revised Budget	517	852	4,745	-	-	-	6,114

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

517	852	4,745	-	-	-	6,114
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	4,645		517	852	4,745	-	-	-	6,114
Total Financing	4,645		517	852	4,745	-	-	-	6,114

## Description

This project involves the conversion of a former furniture showroom - warehouse into office, shop and storage space for Drainage Services staff involved in drainage monitoring and bylaw enforcement activities. The project includes the addition of office, garage, shop and storage space together with related washroom, locker room and lunchroom facilities. Building utilities, such as HVAC, electrical, lighting, security, data, telephone, water and drainage systems will be upgraded. An unheated garage for eight vehicles will also be added. This project will have no operating impact.

## Justification

The Eastgate Building was purchased in 2008 in order to relocate Regulatory Services staff from the congested Gold Bar Wastewater Treatment Plant site and to avoid new construction in the river valley. The move was further necessitated by the transfer of Wastewater Treatment to EPCOR. The building was a furniture showroom / warehouse with limited office space and services constructed in 1995. Additional office space and related utilities are required for the number of staff moving to this location. Upgrades are required to meet various Code requirements. A garage is required for the protection /loading of City vehicles. Storage and shop space is required for the storage and servicing of valuable drainage monitoring equipment.

## Source of Estimates

Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2011      Total Project Costs: \$6,114      Expenditures Beyond CPP Period:

## Project Cost Breakdown

Design	\$	1,120
Equipment		312
Construction		4,682

Last Updated: 09-NOV-2010

\$ 6,114

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Sanitary Drainage							
PROJECT NAME:		Biosolids Management					12-23-5420		
Group-Criteria:		A-130 Projects Required To Meet Commitments				Project Manager: Ward C.			
Outcome:		Preserve & Sustain Edmonton's Environment				Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Budget		-	-	-	-	-	-	-	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	515	828	562	1,905	
Revised Expenditures		-	-	-	515	828	562	1,905	
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	515	828	562	1,905	
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	-		-	-	-	515	828	562	1,905
Total Financing	-		-	-	-	515	828	562	1,905
<b>Description</b> This composite project includes rehabilitation and upgrade intended to maintain or improve services at the existing biosolids management assets (owned by Drainage Services). These infrastructure assets are located at the Clover Bar site (NE 21-53-23-4) and Bremner site (SE 3-54-23-4), and require significant upgrades to the underground distribution pipework, building and site infrastructure (including mechanical, electrical, structural) and earthworks in order to keep them operational. The upgrades are intended to improve security, worker safety, and other site services required due to regulatory requirements, and/or in preparation for future biosolids processing upgrades. In 2010-2011, a Biosolids Management Strategy will be developed to optimize biosolids management opportunities for the sites.									
<b>Justification</b> The Clover Bar and Bremner Lagoon assets require continued infrastructure rehabilitation and/or upgrade to meet projected biosolids processing demands and other site uses. Both sites are essential for the implementation of a Biosolids Management Strategy. The Clover Bar site requires enhancements in order to handle biosolids from wet weather flow treatment at Gold Bar WWTP.									
Source of Estimates		Conceptual: +/- 30%							
Last Updated:		25-NOV-2010							



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)														
PROGRAM: Sanitary Drainage																
PROJECT NAME: Operation's Equipment Repair & Replace		09-23-6100														
Group-Criteria: D-100 Projects With Budget Approval		Project Manager: Hodgson J.														
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)														
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total								
Budget as Approved		162	906	450	-	-	-	1,518								
Change		-	-	-	-	-	-	-								
Revised Budget		162	906	450	-	-	-	1,518								
FUNDING EARMARKED FOR FUTURE EXPENDITURES																
Existing Plan Expenditures		-	-	-	560	450	560	1,570								
Change		-	-	-	-	-	-	-								
Revised Expenditures		-	-	-	560	450	560	1,570								
TOTAL CAPITAL EXPENDITURE PLAN		162	906	450	560	450	560	3,088								
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total							
Financing																
Drainage Retain Earnings	-		162	906	450	560	450	560	3,088							
Total Financing	-		162	906	450	560	450	560	3,088							
Description The provision of new and replacement equipment for Drainage Operations to adequately maintain the wastewater and stormwater collections systems. The purchases identified include:  Mainline TV equipment Hydraulic Test Tank flow control equipment Emergency Pump replacement Pumping Station workshop tools & equip Service TV Equipment  This project will have no operating impact during the CPP period. Justification New and replacement equipment purchases are necessary to sustain and improve the efficiency and effectiveness of Drainage Operations and enable the section to better respond to system operational and maintenance requirements. Source of Estimates      Award: +/- 10%																
Last Updated: 24-NOV-2010		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Equipment</td> <td style="text-align: right;">\$ 1,518</td> </tr> <tr> <td colspan="2" style="height: 50px;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 1,518</td> </tr> </table>							Project Cost Breakdown		Equipment	\$ 1,518			\$ 1,518	
Project Cost Breakdown																
Equipment	\$ 1,518															
\$ 1,518																

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Sanitary Drainage								
PROJECT NAME: Review/Inspect Developer Built Sewers		09-23-7199						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		427	547	514	-	-	-	1,488
Change		-	-	(137)	-	-	-	(137)
Revised Budget		427	547	377	-	-	-	1,351
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	540	566	596	1,702
Change		-	-	-	(52)	(55)	(57)	(164)
Revised Expenditures		-	-	-	488	511	539	1,538
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		427	547	377	488	511	539	2,889
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	(257)	-	487	-	243	255	269	1,254
Developer Financing	120	427	60	377	245	256	270	1,635
Total Financing	(137)	427	547	377	488	511	539	2,889
<b>Description</b> This project provides resources to review and accept the drainage facilities required to service new lots in private developments. Private developers will turn over the drainage facilities to the City as assets in accordance with the Servicing Agreement. This project will have minimal short term operating impact. This project will have no operating impact.								
<b>Justification</b> 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 operation and maintenance.								
Source of Estimates      Preliminary Design: +/- 30%								
					<b>Project Cost Breakdown</b> Technical Services      \$      1,351			
Last Updated: 24-NOV-2010					\$      1,351			

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Double Barrel - West End

04-23-8100

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Sawatzky K.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,911	105	-	-	-	-	7,016
Change	-	-	-	-	-	-	-
Revised Budget	6,911	105	-	-	-	-	7,016

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,911	105	-	-	-	-	7,016
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	-	(127)	-	-	-	-	-	(127)
Self-Liquidating Debentures	-	7,038	105	-	-	-	-	7,143
Total Financing	-	6,911	105	-	-	-	-	7,016

## Description

The primary objective of this project is to undertake rehabilitation of the double barrel sewers in the City to prevent leakage of sanitary sewage into the storm sewer system. The Area 2 location was identified as the highest priority of seven double barrel pipe areas in the "Double Barrel Pipe Repair and Replacement Strategic Plan" study from July 2001. The double barrel sewers are a single pipe that carries both sanitary sewage and stormwater flows, separated by a wall. There has been leakage from the sanitary sewer side to the storm sewer side, which is an environmental concern.

The Area 2 double barrel sewer is located in the west end of the City from 105 Avenue and West of 174 Street to 100 Avenue and 163 Street. The proposed rehabilitation includes 1275 m of relining the sanitary side of the double barrel sewer and 800 m of new storm tunnel. The project also provides for the required downstream section of the West Edmonton Sanitary Sewer (WESS) Stage W1 project no. 04-23-9301. 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.

## Justification

The proposed rehabilitation is required to prevent the pollution resulting from leakage of sanitary sewage into the storm sewer, as requested by Alberta Environment. The project also provides the required downstream capacity for the WESS Stage W1 project to accommodate west end development.

ISO 14001: This project makes a positive impact to the environment for the following Drainage Services Significant Environmental Aspect Categories:

Storm Water Discharge  
Untreated Wastewater Discharge

## Project Cost Breakdown

Design	\$	148
Construction		6,868

Last Updated: 24-NOV-2010

\$ 7,016

## Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Double Barrel - West End

04-23-8100

Source of Estimates Award: +/- 10%

Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$7,016 Expenditures Beyond CPP Period:

Last Updated: 24-NOV-2010

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: NEST - Stage NL2, NL3 &amp; N1

06-23-9102

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	17,111	2,889	2,000	-	-	-	22,000
Change	-	-	147	-	-	-	147
Revised Budget	17,111	2,889	2,147	-	-	-	22,147

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

17,111	2,889	2,147	-	-	-	22,147
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Sanitary Serv. Strategy Fund	147		17,111	2,889	2,147	-	-	-	22,147
Total Financing	147		17,111	2,889	2,147	-	-	-	22,147

## Description

This project includes the design and construction of a major sanitary sewer system to allow land development to proceed in north east Edmonton. Stage NL1 has been constructed. Stages NL2, NL3 and N1 consist of approximately 3600 m of 2340 mm tunnel and upgrades to the existing NL1 pump station. The North Edmonton Sanitary System (NEST) NL2, NL3 and N1 run along 153 Avenue from approximately 76 Street to Manning Freeway. This project will have no operating impact.

## Justification

NEST NL2, NL3 and N1 is required to support growth in the Lago Lindo, Belle Rive and 66 Street catchment areas. Without the construction of this sewer trunk, growth in these areas would be restricted due to the lack of available sanitary servicing capacity.

Schedule: 2006 - 2008 Preliminary and detailed design of NL2, NL3 and N1  
 2007 - 2011 Construction of NL2, NL3 and N1 and upgrades to the NL1 pump station

Source of Estimates Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2011 Total Project Costs: \$22,147 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Construction	\$	21,140
Design		1,007

Last Updated: 25-NOV-2010

\$ 22,147

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Mill Woods Double Barrel Replac/SESS SA1

08-23-9202

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	17,819	8,306	16,841	8,768	-	-	51,734
Change	-	-	(16,647)	(6,509)	2,349	1,646	(19,161)
Revised Budget	17,819	8,306	194	2,259	2,349	1,646	32,573

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

17,819	8,306	194	2,259	2,349	1,646	32,573
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	(229)		-	229	(229)	-	-	-	-
Sanitary Servic. Strategy Fund	72		7,968	3,464	3,328	2,259	2,349	1,646	21,014
Self-Liquid. Debent.-Sanitary	(19,004)		9,851	4,613	(2,905)	-	-	-	11,559
Total Financing	(19,161)		17,819	8,306	194	2,259	2,349	1,646	32,573

## Description

This project includes the design and construction of major offsite sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. City Council approved the Sanitary Servicing Strategy for the 21st Century on July 21, 1998. Under this strategy, major sanitary trunks will be constructed to support growth in suburban areas. 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 project 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.

This project will have no operating impact.

## Justification

Construction of these major trunk sewers is in support of development in south Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development growth in the City. In addition, the Mill Woods area would not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities.

Source of Estimates Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2014 Total Project Costs: \$32,573 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Construction	\$	31,220
Design		1,353

Last Updated: 25-NOV-2010

\$ 32,573

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: SESS SW2 - SW5

05-23-9203

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	25,981	621	-	-	481	10,851	37,934
Change	-	-	(120)	-	(481)	(10,851)	(11,452)
Revised Budget	25,981	621	(120)	-	-	-	26,482

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

25,981	621	(120)	-	-	-	26,482
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Sanitary Serv. Strategy Fund	(11,452)	25,981	621	(120)	-	-	-	26,482
Total Financing	(11,452)	25,981	621	(120)	-	-	-	26,482

## Description

This project includes the design and construction of a major sanitary system; South Edmonton Sanitary Sewer (SESS) to allow land development to proceed in southwest Edmonton. Stage SW1 has been constructed. Stage SW2 to SW5 consists of approximately 6,850m of tunnel (Stages SW2, 3a, 4 & 5), a crossing of Whitemud Creek (SW3b), a pump station and forcemain from 170 St./9 Ave.N.W. to SW3b to provide sanitary servicing to initial stages of development in Windermere, and upgrades to the existing SW1 pump station. Stages SW2 to SW5 runs along Ellerslie Road to approximately 142 Street and then run northwest to the intersection of 9th Avenue NW and 170 Street.

This project will have no operating impact.

## Justification

SESS SW2 to SW5 is required to support growth in Heritage Valley and Windermere. Without the construction of this sewer trunk, growth in these areas will be restricted due to the lack of available sanitary servicing capacity.

SCHEDULE: 2004 - 2005: Preliminary Design of SW2-5; Detailed Design of SW2, SW3a & 3b

2005 - 2006: Design of the 170 St. P/S and forcemain.

2005 - 2008: Construction of SW2, SW3a, SW3b, and 170 St. pump station and forcemain

2007 - 2009: Design & Construction of SW1 P/S upgrades

2013: Detailed design of SW4 and SW5

2015 - 2017 - Construction of SW4 and SW5.

## Source of Estimates

Detailed Design: +/- 20%

## Project Cost Breakdown

Design	\$	9,919
Construction		49,015

Last Updated: 25-NOV-2010

\$ 58,934

## Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: SESS SW2 - SW5

05-23-9203

Total Project Cost /Timing (in \$000's)

Completion Year: 2017      Total Project Costs: \$58,934      Expenditures Beyond CPP Period: \$32,452

Last Updated: 25-NOV-2010



## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: SSSF Developer Built Projects

08-23-9205

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,198	7,047	6,050	-	-	-	14,295
Change	-	-	(5,197)	-	-	5,738	541
Revised Budget	1,198	7,047	853	-	-	5,738	14,836

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,198	7,047	853	-	-	5,738	14,836
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Sanitary Serv. Strategy Fund	541		1,198	7,047	853	-	-	5,738	14,836
Total Financing	541		1,198	7,047	853	-	-	5,738	14,836

## Description

The South Edmonton Sanitary Sewer (SESS) SE3 Project involves the construction of the sanitary trunk sewer along 91 Street from 21 Avenue SW to 25 Avenue SW, total length of around 620 meters. The Big Lake sanitary sewer will provide sanitary sewer service for both Big Lake and Winterburn Industrial areas. The SESS SE4 project extends the sanitary trunk sewer to 88 street and 30 Ave SW. These sanitary trunk sewers are needed so that developments in the area can proceed. The Sanitary Servicing Strategy Fund will finance the construction of these sewers.

This project will have no operating impact.

Source of Estimates Preliminary Design: +/- 30%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2014 Total Project Costs: \$14,836 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Construction	\$	12,747
Design		2,089

Last Updated: 24-NOV-2010

\$ 14,836

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: WESS - Stage 1

04-23-9301

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	30,922	(2,922)	-	-	-	-	28,000
Change	-	-	5,601	-	-	-	5,601
Revised Budget	30,922	(2,922)	5,601	-	-	-	33,601

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

30,922	(2,922)	5,601	-	-	-	33,601
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Sanitary Serv. Strategy Fund	5,601		30,922	(2,922)	5,601	-	-	-	33,601
Total Financing	5,601		30,922	(2,922)	5,601	-	-	-	33,601

## Description

This project is the design and construction of a major sanitary trunk to allow development to proceed in the west end of Edmonton. West Edmonton Sanitary Sewer (WESS) Stage W1 consists of a conveyance system by gravity sewer along 100 Avenue from approximately 199 Street to 170 Street. The length of the conveyance system is approximately 3.5 Km. This will facilitate development in North Lewis Farms and Winterburn areas, and Big Lake area.

This project will have no operating impact.

## Justification

Without the construction of the WESS Stage W1 system, growth in the areas of west Edmonton will be restricted due to lack of available sanitary servicing capacity.

SCHEDULE: Design - 2004 to 2008  
Construction - 2006 to 2010

Source of Estimates Award: +/- 10%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$33,601 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Design	\$	960
Construction		32,641

Last Updated: 09-NOV-2010

\$ 33,601

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: WESS W12

04-23-9302

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	22,016	6,204	2,372	-	-	-	30,592
Change	-	-	(77)	2,950	-	-	2,873
Revised Budget	22,016	6,204	2,295	2,950	-	-	33,465

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

22,016	6,204	2,295	2,950	-	-	33,465
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Sanitary Serv. Strategy Fund	-	10,300	-	-	-	-	-	10,300
Self-Liquidating Debentures	2,873	11,716	6,204	1,923	2,950	-	-	22,793
Drainage Retain Earnings	-	-	-	372	-	-	-	372
Total Financing	2,873	22,016	6,204	2,295	2,950	-	-	33,465

## 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 McNally school. This project also includes installation of Real Time Control(RTC) works near Jasper Ave. and 85 Street, flow control works near the Hardisty CSO structure, modifications to 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 WESS Stage 12 project is supported by two programs - The CSO Control Strategy and the Sanitary Servicing Strategy. 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 within this CPP.

## 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

## Project Cost Breakdown

Construction	\$	20,850
Design		12,615

Last Updated: 24-NOV-2010

\$ 33,465

## Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: WESS W12

04-23-9302

fulfill the City's obligations to Alberta Environment as well as sustain growth in the City's west end.

SCHEDULE: Design - 2004 to 2005

Tunnel Construction - 2005 to 2008

RTC works, Hardisty works, Capilano Pk MH's and SHI works  
construction - 2006 to 2012

Source of Estimates Detailed Design: +/- 20%

Total Project Cost /Timing (in \$000's)

Completion Year: 2012 Total Project Costs: \$33,465 Expenditures Beyond CPP Period:

Last Updated: 24-NOV-2010

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: WESS W13

09-23-9303

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	225	8,275	3,000	-	-	-	11,500
Change	-	-	(5,825)	6,154	-	-	329
Revised Budget	225	8,275	(2,825)	6,154	-	-	11,829

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

225	8,275	(2,825)	6,154	-	-	11,829
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Sanitary Serv. Strategy Fund	329		225	8,275	(2,825)	6,154	-	-	11,829
Total Financing	329		225	8,275	(2,825)	6,154	-	-	11,829

## Description

This project includes the design and construction of a major sanitary trunk between 93rd & 99th Avenue along 151st street. It will reduce surcharge in the upstream trunk sewers and will also eliminate the need for storage tanks at Grange and Lewis Farms South. It consists of approximately 1 km of 2340 mm tunnel.

This project will have no operating impact.

## Justification

Without the construction of the WESS W13 system, the chance of surcharging in upstream will be high in a heavy rainfall event if no storage tanks at Grange and Lewis Farms South are constructed.

Source of Estimates Preliminary Design: +/- 30%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2012 Total Project Costs: \$11,829 Expenditures Beyond CPP Period:

Project Cost Breakdown	
Construction	\$ 11,356
Design	473

Last Updated: 24-NOV-2010

\$ 11,829

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Sanitary Drainage								
PROJECT NAME: Facility Rehabilitation		09-23-9502						
Group-Criteria: D-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		61	168	154	-	-	-	383
Change		-	-	(129)	-	-	-	(129)
Revised Budget		61	168	25	-	-	-	254
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	100	105	110	315
Change		-	-	-	(40)	(42)	(44)	(126)
Revised Expenditures		-	-	-	60	63	66	189
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		61	168	25	60	63	66	443
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	(129)	61	168	25	60	63	66	443
Total Financing	(129)	61	168	25	60	63	66	443
<b>Description</b> This project involves the rehabilitation of equipment that will support present and future Drainage Services needs and ensure an adequate level of customer service is maintained.  This project provides for the replacement of obsolete or worn out engineering plotters and photocopiers. Key expenditures include:  - 1 wide format colour plotter (3 year replacement cycle - next replacement 2011) - 1 smaller format colour plotter (3 year replacement cycle - next replacement 2011)  This project also replaces office systems including record management equipment, boardroom and office equipment and furnishings as they become obsolete. Key expenditures in this area include:  - Filing systems to improve space utilisation and replace unsafe systems - Office changes to accomodate staff changes.  This project will have no operating impact.								
<b>Justification</b> Basic, cost-effective 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.								
					Project Cost Breakdown Equipment \$ 254			
Last Updated: 19-NOV-2010					\$ 254			

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	Facility Rehabilitation
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09-23-9502

Source of Estimates

Detailed Design: +/- 20%

Last Updated: 19-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Sanitary Drainage								
PROJECT NAME: Structures Rehabilitation		09-23-9503						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		3,730	2,414	4,143	-	-	-	10,287
Change		-	-	(1,571)	-	-	-	(1,571)
Revised Budget		3,730	2,414	2,572	-	-	-	8,716
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	3,490	3,598	3,675	10,763
Change		-	-	-	210	288	367	865
Revised Expenditures		-	-	-	3,700	3,886	4,042	11,628
TOTAL CAPITAL EXPENDITURE PLAN		3,730	2,414	2,572	3,700	3,886	4,042	20,344
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	(460)	485	349	53	52	17	23	979
Self-Liquid. Debent.-Sanitary	(1,111)	3,245	1,580	2,519	3,648	3,869	4,019	18,880
Alberta Disaster Relief Progra	-	-	485	-	-	-	-	485
Total Financing	(1,571)	3,730	2,414	2,572	3,700	3,886	4,042	20,344
Description								
<p>This project ensures an acceptable level of service is maintained in various components of drainage infrastructure. It involves the investigation, design and rehabilitation of existing structures such as pump stations, trunk sewers, and outfalls. It also addresses the issue of collection system odours and the systems to mitigate these odours. Projects are located throughout the city.</p> <p>Rehabilitation works are identified through investigation and are prioritized according to the condition of the sewers, outfalls, pump stations or the degree of odour complaints in the area. This project is funded by both Sanitary and Land Drainage. 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.</p>								
Justification								
<p>To protect persons and property from injury and damage due to basement flooding, street flooding, or roadway subsidence and provide continuous rehabilitation of aging sewer infrastructure. Economic analysis shows that improvements in the performance of existing facilities can often defer expenditures of capital on new facilities and reduce operating costs.</p>								
Source of Estimates Preliminary Design: +/- 30%								
<div> <div>Project Cost Breakdown</div> <div> Design \$ 886  Construction 7,830 </div> </div>								
Last Updated: 24-NOV-2010		\$ 8,716						



PROGRAM: Sanitary Drainage

PROJECT NAME:	Sewer Rehabilitation
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09-23-9504

Group-Criteria: A-100 Projects With Budget Approval

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Project Manager:      Hodgson J.

**Outcome:** Preserve & Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

FUNDING EARMARKED FOR FUTURE EXPENDITURESTOTAL CAPITAL

EXPENDITURE PLAN	8,533	4,159	8,336	6,392	6,648	6,980	41,048
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	(315)		-	398	10	10	10	10	438
Self-Liquid. Debent.-Sanitary	1,659		8,533	3,761	8,326	6,382	6,638	6,970	40,610
Total Financing	1,344		8,533	4,159	8,336	6,392	6,648	6,980	41,048

Description
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This project maintains an acceptable level of service and minimizes the risk of sewer infrastructure failure. It includes investigation, design and rehabilitation of existing deteriorated local sewer infrastructure in the combined, sanitary and storm sewer networks. Rehabilitation works are identified through investigation and prioritized according to the condition of the sewers. The highest priority is given to locations requiring emergency response. This project also includes minor rehabilitation of sewer infrastructure within the arterial and collector roadways designated for rehabilitation by the Transportation Department, and Drainage Operations high priority repairs, which are mostly on sewer laterals (service connections) but can include sewer appurtenances. Implementation is done through rehabilitation of individual locations. This project is funded by both Sanitary and Land Drainage. 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.

### Justification

This project maintains existing level of service for citizens through the upkeep of the sewer infrastructure by rehabilitation. It further 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 rehabilitation provides a timely and cost effective opportunity for rehabilitation.

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

Project Cost Breakdown		
Construction	\$	19,556
Design		1,472

Last Updated: 19-NOV-2010

\$ 21,028

COMPOSITE		Drainage Services	
PROGRAM:	Sanitary Drainage		
PROJECT NAME:	Sewer Rehabilitation	09-23-9504	
<p>protect pedestrian and vehicular traffic from potential roadway collapse and flooding damages.</p> <p>Source of Estimates      Preliminary Design: +/- 30%</p>			
Last Updated: 19-NOV-2010			

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM: Sanitary Drainage									
PROJECT NAME: Drainage IT Applications		09-23-9507							
Group-Criteria: D-100 Projects With Budget Approval		Project Manager: Hodgson J.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		983	1,027	662	-	-	-	2,672	
Change		-	-	(430)	-	-	-	(430)	
Revised Budget		983	1,027	232	-	-	-	2,242	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	695	729	766	2,190	
Change		-	-	-	(31)	(32)	(34)	(97)	
Revised Expenditures		-	-	-	664	697	732	2,093	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		983	1,027	232	664	697	732	4,335	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	(430)		983	1,027	232	664	697	732	4,335
Total Financing	(430)		983	1,027	232	664	697	732	4,335
<b>Description</b> This project consists of: Drainage Systems Replacement - the replacement and minor upgrading of office tools to provide an adequate level of customer service. This project replaces obsolete database applications, improves data integrity, and provides minor enhancements and maintenance of existing applications such as DRAINS, WASS, SHAPES, SLIM, Pipetech, etc.  Drainage Systems Acquisition - This project allows Drainage Services to meet increasing demands of providing quality customer service for an expanding network. This project includes various computer applications, conversion of paper records, and miscellaneous control and monitoring equipment purchases.  Major projects to integrate systems and to share data will be pursued in the next few years. These will reduce manual work and allow effective communications through mapping and displays. New software to assist in field inspections and track development fees will improve work flow and replace inefficient manual systems.  This project is financed by both Sanitary and Land Drainage. This project will have no operating impact.									
<b>Justification</b> Cost-effective 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.  Also, new and enhanced systems are required to improve productivity and maintain current levels of service for an expanding network. Improved access to data will improve design. The applications provide efficiencies to limit the impact of the									
					<b>Project Cost Breakdown</b> Construction                 \$                 1,813 Design                                 186 Equipment                                 243				
Last Updated: 19-NOV-2010		\$ 2,242							

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	Drainage IT Applications
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09-23-9507

expanding network on operations staff.

Source of Estimates	Preliminary Design: +/- 30%
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Last Updated: 19-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM: Sanitary Drainage									
PROJECT NAME: Mature Neighbourhood Rehabilitation - Dr		09-23-9510							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Hodgson J.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		20,260	7,223	4,950	-	-	-	32,433	
Change		-	-	12,925	-	-	-	12,925	
Revised Budget		20,260	7,223	17,875	-	-	-	45,358	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	7,676	7,938	7,914	23,528	
Change		-	-	-	11,874	15,011	17,287	44,172	
Revised Expenditures		-	-	-	19,550	22,949	25,201	67,700	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>20,260</b>	<b>7,223</b>	<b>17,875</b>	<b>19,550</b>	<b>22,949</b>	<b>25,201</b>	<b>113,058</b>	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Self-Liquid. Debent.-Sanitary	13,315		20,260	6,572	17,865	19,550	22,949	25,201	112,397
Drainage Retain Earnings	(390)		-	651	10	-	-	-	661
<b>Total Financing</b>	<b>12,925</b>		<b>20,260</b>	<b>7,223</b>	<b>17,875</b>	<b>19,550</b>	<b>22,949</b>	<b>25,201</b>	<b>113,058</b>
<b>Description</b> This project rehabilitates drainage infrastructure for mature neighbourhoods. It includes investigation, design and rehabilitation of existing deteriorated local sewer infrastructure 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 Roadways Engineering, Transportation department. This project is funded by both Sanitary and Land Drainage. 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.									
<b>Justification</b> This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with Transportation Roadways Engineering Project. Sewer rehabilitation in neighbourhoods with roadway rehabilitation provides a timely and cost effective opportunity for rehabilitation, and minimizes inconvenience to citizens.									
Source of Estimates		Detailed Design: +/- 20%							
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Construction        \$        41,277            Design                        4,081         </div>									
Last Updated: 19-NOV-2010		\$ 45,358							

## Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Flood Prevention

07-23-9511

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	21,682	834	-	150	2,000	6,200	30,866
Change	-	-	-	-	-	-	-
Revised Budget	21,682	834	-	150	2,000	6,200	30,866

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

21,682	834	-	150	2,000	6,200	30,866
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquid. Debent.-Sanitary	-		16,781	834	-	150	2,000	6,200	25,965
Drainage Retain Earnings	-		3,793	-	-	-	-	-	3,793
Developer Financing	-		1,108	-	-	-	-	-	1,108
Total Financing	-		21,682	834	-	150	2,000	6,200	30,866

## Description

This project will install flood prevention works to the City's sewer systems. The project includes the design and construction of the various flood prevention works. This project is financed by both Sanitary and Land Drainage (which includes AMIP). The useful life of the assets is 25 years or more and the debenture term is 25 years. This project will have minimal operating impact.

## Justification

This project is to meet City Council's direction for Flood Prevention. Implementation of the flood prevention program can help to ensure that an acceptable level of service is provided to Drainage customers and reduce the risk of flooding.

Source of Estimates Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2018      Total Project Costs: \$44,296      Expenditures Beyond CPP Period: \$13,430

## Project Cost Breakdown

Construction	\$	37,580
Design		6,716

Last Updated: 24-NOV-2010

\$ 44,296

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM:		Sanitary Drainage						
PROJECT NAME:		Service Pipes Rehabilitation					09-23-9512	
Group-Criteria:		A-140 Maintenance/Rehabilitation Projects			Project Manager: Hodgson J.			
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Improve air, water, soil quality (city operations)			

  

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

  

FUNDING EARMARKED FOR FUTURE EXPENDITURES							
Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	450	468	1,730	2,648
Revised Expenditures	-	-	-	450	468	1,730	2,648

  

TOTAL CAPITAL EXPENDITURE PLAN	- <th style="width: 10%;">- <th style="width: 10%;">- <th style="width: 10%;">450</th> <th style="width: 10%;">468</th> <th style="width: 10%;">1,730</th> <th style="width: 10%;">2,648</th> </th></th>	- <th style="width: 10%;">- <th style="width: 10%;">450</th> <th style="width: 10%;">468</th> <th style="width: 10%;">1,730</th> <th style="width: 10%;">2,648</th> </th>	- <th style="width: 10%;">450</th> <th style="width: 10%;">468</th> <th style="width: 10%;">1,730</th> <th style="width: 10%;">2,648</th>	450	468	1,730	2,648
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	-	-	-	-	450	468	680	1,598
Self-Liquid. Debent.-Sanitary	-	-	-	-	-	-	1,050	1,050
Total Financing	-	-	-	-	450	468	1,730	2,648

  

**Description**

This project maintains an acceptable level of service and minimizes the risk of sewer infrastructure failure. It includes investigation and rehabilitation of existing deteriorated sewer services. 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 highest priority is given to locations requiring emergency response. 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.

Projects planned include various high priority sewer service repairs.

  

**Justification**

This project provides continuous wastewater flow conveyance for citizens through the upkeep of the sewer infrastructure by rehabilitation. It further 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.

Timely rehabilitation is 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.

  

Project Cost Breakdown  
 \$

  

Last Updated:	25-NOV-2010
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\$ \_\_\_\_\_

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	Service Pipes Rehabilitation
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09-23-9512

Source of Estimates	Conceptual: +/- 50%
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Last Updated: 25-NOV-2010



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM:		Sanitary Drainage						
PROJECT NAME:		Service Connections Expansion					09-23-9513	
Group-Criteria:		B-530 Projects To Provide A Minimum Level Of Service - Growth Area Project Manager: Hodgson J.						
Outcome:		Preserve & Sustain Edmonton's Environment Focus: Improve air, water, soil quality (city operations)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		1,787	1,368	1,583	-	-	-	4,738
Change		-	-	(174)	-	-	-	(174)
Revised Budget		1,787	1,368	1,409	-	-	-	4,564
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	1,592	1,613	1,634	4,839
Change		-	-	-	(142)	(104)	(49)	(295)
Revised Expenditures		-	-	-	1,450	1,509	1,585	4,544
TOTAL CAPITAL EXPENDITURE PLAN		1,787	1,368	1,409	1,450	1,509	1,585	9,108
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	24	140	120	124	127	132	139	782
Developer Financing	(198)	1,647	1,248	1,285	1,323	1,377	1,446	8,326
Total Financing	(174)	1,787	1,368	1,409	1,450	1,509	1,585	9,108
<b>Description</b> This project brings new customers into Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as 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. This project will have no operating impact. This project is funded by both Sanitary and Land Drainage, and creates additional revenue and customer base.								
<b>Justification</b> 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 prior local improvement obligations.								
COST ESTIMATE - Based on historical cost increased for inflation. Actual costs for sewer connections are dependent on the amount of development that occurs.								
Source of Estimates Award: +/- 10%								
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 10px;"> <b>Project Cost Breakdown</b>            Construction \$ 4,245            Design 319              \$ 4,564         </div>								
Last Updated:		19-NOV-2010						

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Sanitary Drainage							
PROJECT NAME:		Downtown Sewer Upgrading						12-23-9516	
Group-Criteria:		A-130 Projects Required To Meet Commitments				Project Manager: Ward C.			
Outcome:		Preserve & Sustain Edmonton's Environment				Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Budget		-	-	-	-	-	-	-	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	2,575	2,678	2,812	8,065	
Revised Expenditures		-	-	-	2,575	2,678	2,812	8,065	
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	2,575	2,678	2,812	8,065	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Self-Liquid. Debent.-Sanitary	-	-	-	-	2,560	2,662	2,796	8,018	
Drainage Retain Earnings	-	-	-	-	15	16	16	47	
Total Financing	-	-	-	-	2,575	2,678	2,812	8,065	
<b>Description</b> Potential infill development and/or redevelopment in the downtown area will generally result in more impervious area, which in turn results in higher storm runoff rates and volumes. Also, the redevelopment will typically be more intensive in terms of occupancy, resulting in proportionally higher sanitary flows per unit area. Although the development of a single, individual infill site may not have a significant impact on the drainage systems, the development of many such individual site will have a cumulative effect, and could exacerbate or create problems on both the sewershed and watershed levels, especially with the increased hydraulic load on the existing sewer system(s).  The estimated cost to service the proposed infill development is \$74 million (2009 dollars) as per the "Sewer and Drainage Servicing Upgrading Plan for Infill Development in Downtown" report (Stantec 2006). The goal of the proposed work is to achieve NO net increase in Combined Sewer Overflow (CSO) due to the infill development and lower the risk of basement flooding due to sewer backup. The servicing scheme will provide level of service for the Downtown area accommodating 1:5 year design storm. The \$74 million servicing work to the sewer system would include the following: (i) partial separation of the combined sewer system in the area north of Jasper Avenue and, (ii) Divert flows to the combined trunk on 100 Avenue by constructing drop shafts (iii) Increase capacity of existing sewers with poor hydraulic performance.  This cost of servicing could be funded by Community Revitalization Levy.									
Last Updated: 26-NOV-2010									

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	Downtown Sewer Upgrading
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12-23-9516

Last Updated: 26-NOV-2010



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Sanitary Drainage								
PROJECT NAME: Construction Facil & Equip Upgr & Expans		09-23-9607						
Group-Criteria: D-130 Projects Required To Meet Commitments		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		2,941	2,231	1,900	-	-	-	7,072
Change		-	-	-	-	-	-	-
Revised Budget		2,941	2,231	1,900	-	-	-	7,072
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	2,400	1,900	2,131	6,431
Change		-	-	-	-	-	1	1
Revised Expenditures		-	-	-	2,400	1,900	2,132	6,432
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>2,941</b>	<b>2,231</b>	<b>1,900</b>	<b>2,400</b>	<b>1,900</b>	<b>2,132</b>	<b>13,504</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Other Reserve	4,131	-	2,231	1,900	2,400	1,900	2,131	10,562
Drainage Retain Earnings	(4,131)	2,941	-	-	-	-	1	2,942
Total Financing	-	2,941	2,231	1,900	2,400	1,900	2,132	13,504
<b>Description</b> This project provides funds for machinery and equipment to support open cut and tunnel construction activities. Equipment purchases include: upgrading tunnel equipment, tunnel liner plate, communication equipment, power generator, segmental liner forms, precast expandable block erector, micro tunneling and shift drilling equipment, yards & building upgrade and 75 tonne lifting equipment.								
<b>Justification</b> The replacements would provide more cost effective and reliable equipment for construction projects as well as offer up-to-date technological enhancements, and provide improved productivity and safety features.								
<b>Source of Estimates</b> Award: +/- 10%								
					<b>Project Cost Breakdown</b> Construction      \$      1,000 Equipment              6,072			
Last Updated: 24-NOV-2010					\$ 7,072			

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM:		Sanitary Drainage						
PROJECT NAME:		Local Improvement Sewers					09-23-9608	
Group-Criteria:		B-100 Projects With Budget Approval			Project Manager: Hodgson J.			
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		3,762	12,898	2,983	-	-	-	19,643
Change		-	-	(1,850)	-	-	-	(1,850)
Revised Budget		3,762	12,898	1,133	-	-	-	17,793
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	1,002	1,023	1,043	3,068
Change		-	-	-	3,325	1,811	1,297	6,433
Revised Expenditures		-	-	-	4,327	2,834	2,340	9,501
TOTAL CAPITAL EXPENDITURE PLAN		3,762	12,898	1,133	4,327	2,834	2,340	27,294
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Local Improvements Prop. Share	(1,850)	3,760	12,890	1,133	4,327	2,834	2,340	27,284
Drainage Retain Earnings	-	2	8	-	-	-	-	10
Total Financing	(1,850)	3,762	12,898	1,133	4,327	2,834	2,340	27,294
<b>Description</b> This project brings new customers into Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as 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, dependent on owner petitions. This project will have no operating impact. This project will be funded by both Sanitary and Land Drainage, and creates additional revenue and customer base.								
<b>Justification</b> 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 local improvement bylaw authorizations.								
COST ESTIMATE - Based on historical cost increased for inflation. Actual costs for sewer connections are dependent on the amount of development that occurs.								
					<b>Project Cost Breakdown</b> Construction \$ 16,548 Design 1,245			
Last Updated:		19-NOV-2010			\$ 17,793			

COMPOSITE

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: CSO Control Strategy

09-23-9702

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		669	2,122	1,762	-	-	-	4,553
Change		-	-	(561)	-	-	-	(561)
Revised Budget		669	2,122	1,201	-	-	-	3,992

FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	4,148	4,234	5,500	13,882
Change		-	-	-	(1,070)	(1,321)	(2,007)	(4,398)
Revised Expenditures		-	-	-	3,078	2,913	3,493	9,484

TOTAL CAPITAL EXPENDITURE PLAN		669	2,122	1,201	3,078	2,913	3,493	13,476
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	(561)		669	2,122	1,201	-	1,340	2,888	8,220
Self-Liquid. Debent.-Sanitary	-		-	-	-	3,078	1,573	605	5,256
Total Financing	(561)		669	2,122	1,201	3,078	2,913	3,493	13,476

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 and treatment plant, storage and treatment of wet weather flows, opportunistic sewer system separation, increased system conveyance capacity, and control of solids and floatables. Other initiatives relating to CSO are included in projects 04-23-9302, 05-23-2160, and 06-23-5415. Work includes: monitoring and operational refinements to RTC #'s 4 & 6, conceptual designs for modifications to CSO structures to optimize their performance, and detailed design of some CSO site modifications.

This project will have no short term operating impact.

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: Policy Document.

TOTAL PROJECT COST/TIMING - The Long Term Control Plan will cost about \$150 million (in 1999 dollars) and should be completed in 2016.

Project Cost Breakdown

Design	\$	1,349
Construction		2,643
		\$ 3,992

Last Updated:

19-NOV-2010

COMPOSITE

## Drainage Services

PROGRAM:	Sanitary Drainage
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PROJECT NAME:	CSO Control Strategy
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09-23-9702

Source of Estimates	Preliminary Design: +/- 30%
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Last Updated: 19-NOV-2010



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM: Sanitary Drainage									
PROJECT NAME: Infrastructure Upgrading		09-23-9703							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Hodgson J.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		211	1,772	1,125	-	-	-	3,108	
Change		-	-	155	-	-	-	155	
Revised Budget		211	1,772	1,280	-	-	-	3,263	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	2,767	1,175	6,160	10,102	
Change		-	-	-	89	148	1,215	1,452	
Revised Expenditures		-	-	-	2,856	1,323	7,375	11,554	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		211	1,772	1,280	2,856	1,323	7,375	14,817	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	155		211	1,772	1,280	226	245	329	4,063
Self-Liquid. Debent.-Sanitary	-		-	-	-	2,630	1,078	7,046	10,754
<b>Total Financing</b>	<b>155</b>		<b>211</b>	<b>1,772</b>	<b>1,280</b>	<b>2,856</b>	<b>1,323</b>	<b>7,375</b>	<b>14,817</b>
<b>Description</b> This project will increase the capacity of the City's sewer systems and eliminate capacity constraints. Work is to undertake upgrading and rehabilitation design work. This project is financed by both Sanitary and Land Drainage.  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. <b>Justification</b> 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. <b>Source of Estimates</b> Preliminary Design: +/- 30%									
		<div style="border: 1px solid black; padding: 5px;"> <b>Project Cost Breakdown</b>            Construction \$ 237            Design 3,026              \$ 3,263         </div>							
Last Updated: 19-NOV-2010									

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)																
PROGRAM:		Sanitary Drainage																
PROJECT NAME:		Environmental Monitoring					09-23-9704											
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Hodgson J.													
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Improve air, water, soil quality (city operations)													
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		357	1,124	697	-	-	-	2,178										
Change		-	-	(1,063)	-	-	-	(1,063)										
Revised Budget		357	1,124	(366)	-	-	-	1,115										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	739	779	820	2,338										
Change		-	-	-	(340)	(359)	(380)	(1,079)										
Revised Expenditures		-	-	-	399	420	440	1,259										
TOTAL CAPITAL EXPENDITURE PLAN		357	1,124	(366)	399	420	440	2,374										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
Drainage Retain Earnings	(1,063)	357	1,124	(366)	399	420	440	2,374										
Total Financing	(1,063)	357	1,124	(366)	399	420	440	2,374										
Description																		
<p>This project consists of:</p> <p>(1) Flow Monitoring - Monitoring of rainfall and storm, sanitary and combined sewer discharge for purposes of assessing the performance of the sewer systems, the impacts of development proposals, the environmental impacts of discharges to the river, and providing information for the design of future capital works. Includes equipment replacement and special projects.</p> <p>(2) Pollution Abatement - Improves water quality in the North Saskatchewan River through the undertaking of measures to reduce or eliminate sanitary sewage and combined sewer discharges into the river or connecting ravines. The project includes the construction of flow and water quality monitoring stations, outfall monitoring, quality testing, cross connection rectification, and redirecting catch basins from combined to storm sewers.</p> <p>(3) System Evaluations - Evaluation of drainage basins and sewer systems to determine their effectiveness and to identify needed improvements. A system to warn plant operators of high flows was developed in 2007/8 and completed and tested in 2009. An assessment of radar rainfall data continues with the intent of improving design standards for land development.</p> <p>This project will have no operating impact. This project is financed by both Sanitary and Land Drainage.</p>																		
Justification																		
<p>(1) Flow Monitoring - The City of Edmonton is required in its Approval-to-Operate, issued by Alberta Environment, to perform flow monitoring at locations throughout the storm drainage collection systems and report results to Alberta Environment monthly. Delay of this project would mean that the City would be unable to meet its legal obligations in its Approval-to-Operate.</p>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Project Cost Breakdown</td> </tr> <tr> <td>Equipment</td> <td style="text-align: right;">\$ 200</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">481</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">434</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">\$ 1,115</td> </tr> </table>									Project Cost Breakdown		Equipment	\$ 200	Construction	481	Design	434	\$ 1,115	
Project Cost Breakdown																		
Equipment	\$ 200																	
Construction	481																	
Design	434																	
\$ 1,115																		
Last Updated:		19-NOV-2010																

COMPOSITE		Drainage Services	
PROGRAM:	Sanitary Drainage		
PROJECT NAME:	Environmental Monitoring	09-23-9704	
<p>(2) Pollution Abatement - This project implements measures that are a requirement of the Edmonton Wastewater System Approval issued by Alberta Environment. Delay of this project would mean that the City would be unable to meet its legal obligations in its Approval to Operate.</p> <p>(3) System Evaluation - Events such as the 2004 flooding, clearly demonstrate the need to find ways to improve land drainage and better understand rainfall patterns. The high flow warning to plant operators will help them cope with the flows through the new high rate treatment systems.</p>			
Source of Estimates	Detailed Design: +/- 20%		

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)							
PROGRAM:		Fleet Services							
PROJECT NAME:		Vehicle & Equipment Replacement						08-25-8000	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Rapanos S.			
Outcome:		Diversify Edmonton's Economy				Focus: Improve the capacity/capability of delivery			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		45,479	34,743	19,185	-	-	-	99,407	
Change		-	-	-	-	-	-	-	
Revised Budget		45,479	34,743	19,185	-	-	-	99,407	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	23,981	29,977	-	53,958	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	23,981	29,977	-	53,958	
TOTAL CAPITAL EXPENDITURE PLAN		45,479	34,743	19,185	23,981	29,977	-	153,365	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing	-	-	890	-	-	-	-	890	
AMIP	-	4,089	-	-	-	-	-	4,089	
Equipmt Pool Retained Earnings	-	41,390	33,853	19,185	23,981	29,977	-	148,386	
Total Financing	-	45,479	34,743	19,185	23,981	29,977	-	153,365	
<b>Description</b> Fleet Services is responsible for the acquisition and maintenance of City of Edmonton vehicles.  The additions to the fleet or growth units are financed by the user departments. Fleet Services will then bill the user departments a variable rate based on usage and a fixed rate based on the acquisition costs. The fixed rate funds the replacement of the vehicle at the most advantageous time based on costs and operational needs. This results in effective life cycle costing which generates short and long term savings for the City of Edmonton. This process also reduces the need for large one time requests for general financing for replacements.  The variable rate is based on the cost of operating the vehicles and protects user departments from large dollar value fluctuations in costs allowing management planning and budgeting.  This profile is to purchase replacements for existing vehicles which have reached the end of their service life. The source of funding for this is Mobile Equipment Services Equity and does not directly affect the tax base.									
<b>Justification</b> If these vehicles are not replaced it will increase both short and long term costs. Reliability and safety will also be reduced. Source of Estimates      Conceptual: +/- 10%									
					Project Cost Breakdown Equipment                      \$              99,809				
Last Updated: 16-NOV-2010					\$ 99,809				

## Corporate Services

PROGRAM:	Fleet Services
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PROJECT NAME:	Vehicle & Equipment Replacement
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08-25-8000

## Change from Previous Approval

Budget Adjust #66: (\$1.4M) Transfer from Fleet Services Retained Earnings to fund purchase of 2 Replacement Fire Pumper.

Last Updated: 16-NOV-2010

COMPOSITE

Corporate Services

(thousands of dollars)

PROGRAM:

Fleet Services

PROJECT NAME:

Vehicle & Equipment Growth

08-25-8001

Group-Criteria:

A-100 Projects With Budget Approval

Project Manager:

Rapanos S.

Outcome:

Diversify Edmonton's Economy

Focus:

Improve the capacity/capability of delivery

BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		24,560	8,084	1,268	-	-	-	33,912
Change		-	-	-	-	-	-	-
Revised Budget		24,560	8,084	1,268	-	-	-	33,912

FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures		-	-	-	1,903	1,903	-	3,806
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,903	1,903	-	3,806

TOTAL CAPITAL EXPENDITURE PLAN

		24,560	8,084	1,268	1,903	1,903	-	37,718
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		350	-	-	-	-	-	350
General Financing	-		15,654	5,145	1,268	1,903	1,903	-	25,873
Financial Stabilization Resrv.	-		282	1,678	-	-	-	-	1,960
Other Grants - Provincial	-		300	-	-	-	-	-	300
Tax-Supported Debt Reserve	-		552	-	-	-	-	-	552
Operating Revenues	-		2,557	43	-	-	-	-	2,600
Equipmt Pool Retained Earnings	-		4,283	-	-	-	-	-	4,283
AMIP	-		582	1,218	-	-	-	-	1,800
Total Financing	-		24,560	8,084	1,268	1,903	1,903	-	37,718

Description

Fleet Services is responsible for the acquisition and maintenance of City of Edmonton vehicles.

The additions to the fleet or growth units are financed by the user departments. Fleet Services will then bill the user departments a variable rate based on usage and a fixed rate based on the acquisition costs. The fixed rate funds the replacement of the vehicle at the most advantageous time based on costs and operational needs. This results in effective life cycle costing which generates short and long term savings for the City of Edmonton. This process also reduces the need for large one time requests for general financing for replacements.

The variable rate is based on the cost of operating the vehicles and protects user departments from large dollar value fluctuations in costs allowing management planning and budgeting.

This profile is to purchase additional units to increase the size of the fleet. The units have been identified by the user departments as required to allow them to deliver service to match the growth and development of The City of Edmonton.

Project Cost Breakdown

Equipment	\$	33,812
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Last Updated:

25-NOV-2010

\$

33,812

COMPOSITE	Corporate Services			
PROGRAM:	Fleet Services			
PROJECT NAME:	Vehicle & Equipment Growth	08-25-8001		
<p>In spring 2010, the following adjustments were completed. 1) Transfer of Gen Financing from Roads 09-66-1070 for the purchase of 29 vehicles for roadway maintenance (\$958) and purchase of car for Transit 09-66-1240 (\$27). 2) Transfer retained earnings from profile 08-25-8002 to offset 2009 deficit of (-\$604).</p> <p><b>Justification</b></p> <p>If these vehicles are not purchased the user departments will be required to cut back service levels and operational initiatives. There will also be a requirement to increase the use of the current vehicles which will reduce the useful life and increase maintenance costs.</p> <p><b>Change from Previous Approval</b></p> <p>Budget Adjust #67: (\$269K) Purchase of 2 ice resurfacers funded by the Terwilliger Community Rec Centre Project (08-75-2509); (\$600K) Purchase of growth vehicles for Parkland Services Yard and Fleet optimization program (09-28-4001); (\$350K) Purchase of 3 aerial vans for Corporate Properties (10-75-8101); (\$17K) To fund the remaining costs of a car for transit (09-66-1240); (\$149K) To fund the remaining costs of 29 vehicles for Roadway Maintenance (09-66-1070).</p>				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Last Updated:</td> <td>25-NOV-2010</td> </tr> </table>			Last Updated:	25-NOV-2010
Last Updated:	25-NOV-2010			

COMPOSITE		<b>Corporate Services</b> (thousands of dollars)						
PROGRAM: Fleet Services								
PROJECT NAME: Facilities & Equipment		08-25-8002						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Rapanos S.						
Outcome: Diversify Edmonton's Economy		Focus: Improve the capacity/capability of delivery						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		10,424	26,829	13,143	-	-	-	50,396
Change		-	-	-	-	-	-	-
Revised Budget		10,424	26,829	13,143	-	-	-	50,396
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	8,756	9,894	-	18,650
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	8,756	9,894	-	18,650
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>10,424</b>	<b>26,829</b>	<b>13,143</b>	<b>8,756</b>	<b>9,894</b>	<b>-</b>	<b>69,046</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Tax-Supported Debt	-	888	157	-	-	-	-	1,045
General Financing	-	3,697	2,620	500	500	500	-	7,817
Equipmt Pool Retained Earnings	-	5,839	22,552	10,143	8,256	9,394	-	56,184
Munc Sustain. Initiative - MSI	-	-	1,500	2,500	-	-	-	4,000
<b>Total Financing</b>	<b>-</b>	<b>10,424</b>	<b>26,829</b>	<b>13,143</b>	<b>8,756</b>	<b>9,894</b>	<b>-</b>	<b>69,046</b>
<b>Description</b> This profile provides for additional and replacement work equipment and building upgrades required to maintain and service the City of Edmonton fleet. Critical Projects include: Implementation of Fleet Management System (\$7.5M); Funds to procure advanced fuel efficient technology (\$4.5M); Acquisition and installation of a fuel monitoring system for Municipal Fleet (\$2.5M); Replacement of aging fuel system, hoists and Fleet infrastructure equipment (\$9.6M).								
<b>Justification</b> Some of these upgrades are required by laws related to the environment or safety. Others are required to ensure efficient and effective maintenance of vehicles and equipment.								
<b>Change from Previous Approval</b>								
					<b>Project Cost Breakdown</b> Equipment \$ 69,046			
Last Updated: 16-NOV-2010					\$ 69,046			



## Corporate Services

PROGRAM:	Fleet Services
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PROJECT NAME:	Facilities & Equipment
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08-25-8002

Transfer retained earnings to profile 08-25-8001 to offset 2009 deficit of -\$604

Budget Adjust #66: (-\$1,400K) 2 Fire Pumpers are Replacement not Growth (08-25-8000)

Budget Adjust #69: (1,500K in 2010 and 2,500K in 2011)Funding required for ETS Hoists at Davies and Patterson locations. MSI from 2012-18 period will be reduced to free up MSI funding for this project.

Last Updated: 16-NOV-2010

## Corporate Services

(thousands of dollars)

PROGRAM: Fleet Services

PROJECT NAME: MES Heavy Repair &amp; Equip Build Fac

09-25-9000

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Rapanos S.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	26,005	4,395	25,600	-	-	-	56,000
Change	-	-	-	-	-	-	-
Revised Budget	26,005	4,395	25,600	-	-	-	56,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

26,005	4,395	25,600	-	-	-	56,000
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	26,005	4,395	25,600	-	-	-	56,000
Total Financing	-	26,005	4,395	25,600	-	-	-	56,000

## 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

## Project Cost Breakdown

Construction	\$	30,000
Land & Building		26,000

Last Updated: 17-NOV-2010

\$ 56,000

## Corporate Services

PROGRAM: Fleet Services

PROJECT NAME: MES Heavy Repair &amp; Equip Build Fac

09-25-9000

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).

## 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.

## Change from Previous Approval

BA#68 Deffered to 2011 as delay in project start (\$25,600K).

Last Updated: 17-NOV-2010

## Corporate Services

PROGRAM: Fleet Services

PROJECT NAME: MES Heavy Repair &amp; Equip Build Fac

09-25-9000

Impact on Operations	2010	2011	2012	2013	2014
Personnel	(1,500)	-	-	-	-
Total Impact	(1,500)	-	-	-	-

Last Updated: 17-NOV-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)											
PROGRAM: Parks													
PROJECT NAME: Park Land Acquisition		07-28-0002											
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Brenneis L.											
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens											
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>					
Budget as Approved		22,970	1,862	-	-	-	-	24,832					
Change		-	-	-	-	-	-	-					
Revised Budget		22,970	1,862	-	-	-	-	24,832					
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>													
Existing Plan Expenditures		-	-	-	-	-	-	-					
Change		-	-	-	-	-	-	-					
Revised Expenditures		-	-	-	-	-	-	-					
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>22,970</b>	<b>1,862</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,832</b>					
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>				
Parkland Purchase Reserve	-		8,920	1,230	-	-	-	-	10,150				
Funds-in-Lieu Reserve	-		11,701	156	-	-	-	-	11,857				
Munc Sustain. Initiative - MSI	-		2,349	476	-	-	-	-	2,825				
<b>Total Financing</b>	<b>-</b>		<b>22,970</b>	<b>1,862</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24,832</b>				
<b>Description</b> This program funds the purchase of parkland required to meet obligations outlined in Council-approved plans (eg. - Municipal Development Plans, Area and Neighbourhood Structure Plans). Purchases occur in areas where parkland cannot be dedicated through the subdivision process, or where new parks are needed to serve developed communities. This program includes costs associated with land purchases, redistrictings, road closures, easements, consolidation and municipal reserve designation removal. No operating impact. The unfunded portion of this program is in 09-28-0005.													
Note: The reserves, particularly PPR, are being depleted at a rate that will not fund all required land purchases.													
<b>Justification</b> 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.													
<table border="1" style="margin-left: auto;"> <tr> <td colspan="2"><b>Project Cost Breakdown</b></td> </tr> <tr> <td>Land</td> <td style="text-align: right;">\$ 24,837</td> </tr> </table>										<b>Project Cost Breakdown</b>		Land	\$ 24,837
<b>Project Cost Breakdown</b>													
Land	\$ 24,837												
Last Updated: 05-OCT-2010		\$ 24,837											

COMPOSITE	Asset Management & Public Works	
PROGRAM:	Parks	
PROJECT NAME:	Park Land Acquisition	07-28-0002
<p>Service Challenge: Meeting the needs of a growing city. Protecting the natural environment. Responding to changing expectations, demand and demographics.</p> <p>Source of Estimates      Conceptual: +/- 50%</p> <p>Change from Previous Approval</p> <p>#68 - To reflect current negotiations on park land acquisitions</p>		
Last Updated:      05-OCT-2010		

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)										
PROGRAM: Parks												
PROJECT NAME: Park Land Acquisition		09-28-0002										
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Brenneis L.										
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens										
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>				
Budget as Approved		6,251	2,824	2,156	-	-	-	11,231				
Change		-	-	-	-	-	-	-				
Revised Budget		6,251	2,824	2,156	-	-	-	11,231				
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>												
Existing Plan Expenditures		-	-	-	500	500	500	1,500				
Change		-	-	-	-	-	-	-				
Revised Expenditures		-	-	-	500	500	500	1,500				
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>6,251</b>	<b>2,824</b>	<b>2,156</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>12,731</b>				
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>				
Parkland Purchase Reserve	-	156	2,480	200	200	200	200	3,436				
Funds-in-Lieu Reserve	-	6,095	344	1,956	300	300	300	9,295				
Total Financing	-	6,251	2,824	2,156	500	500	500	12,731				
<b>Description</b> This program funds the purchase of parkland required to meet obligations outlined in Council-approved plans (eg. - Municipal Development Plans, Area and Neighbourhood Structure Plans). Purchases occur in areas where parkland cannot be dedicated through the subdivision process, or where new parks are needed to serve developed communities. This program includes costs associated with land purchases (ie costs for asset protection and site restoration), redistrictings, road closures, easements, consolidation and municipal reserve designation removal. The unfunded portion of this program is in 09-28-0005.												
<b>Justification</b> Increased residential development for several years has resulted in increased pressure to assemble new school/park sites. 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.												
Source of Estimates		Conceptual: +/- 50%										
<b>Change from Previous Approval</b> #68 - To reflect current negotiations on park land acquisitions. #67 - transfer budget to 09-28-8001 to match where the actual charges are linked.												
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: left;"><b>Project Cost Breakdown</b></td> </tr> <tr> <td>Land</td> <td style="text-align: right;">\$ 12,795</td> </tr> </table>							<b>Project Cost Breakdown</b>		Land	\$ 12,795
<b>Project Cost Breakdown</b>												
Land	\$ 12,795											
Last Updated: 17-NOV-2010		\$ 12,795										

COMPOSITE		Asset Management & Public Works (thousands of dollars)						
PROGRAM: Parks								
PROJECT NAME: Natural Areas Acquisition & Conservation		09-28-0007						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.						
Outcome: Transform Edmonton's Urban Form		Focus: Improve city's urban architecture/form to env std						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		1,775	6,103	12,321	-	-	-	20,199
Change		-	-	-	-	-	-	-
Revised Budget		1,775	6,103	12,321	-	-	-	20,199
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	271	278	285	834
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	271	278	285	834
TOTAL CAPITAL EXPENDITURE PLAN		1,775	6,103	12,321	271	278	285	21,033
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	528	32	264	271	278	285	1,658
Natural Area Reserve	-	1,247	(32)	-	-	-	-	1,215
Tax-Supported Debt	-	-	6,103	12,057	-	-	-	18,160
Total Financing	-	1,775	6,103	12,321	271	278	285	21,033
Description								
<p>This program 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. The conservation of these sites provide both habitat for wildlife and opportunities for nature education and appreciation. The funds may also be used to pay for Permanent Area Contributions (PAC's) and transportation levies (ARA's) when land purchases occurs in areas with approved plans.</p> <p>Generally the asset life of land (grass trees, open space) is immeasurable. The debenture term is 25 years.</p>								
Justification								
<p>Plan Edmonton and the Community Services Integrated Service Strategy, both point to the need to conserve more natural areas. Policy C531 (Natural Area Systems Policy), 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 timely manner with landowners, leverage additional funds, and will enable the city and its partners to acquire lands ahead of the development process when land costs are lower, or in already approved plan areas where costs are higher. Without this fund to support the efforts of the conservation co-ordinator and the rest of the administration, valuable pieces of our natural heritage may be lost unnecessarily.</p>								
<div> <div>Project Cost Breakdown</div> <div>Land \$ 21,414</div> </div>								
Last Updated: 17-NOV-2010		\$ 21,414						



COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: Natural Areas Acquisition &amp; Conservation

09-28-0007

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

#68 - A number of natural area sites are currently in negotiations, however only several are anticipated to close this year

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing	734	1,431	1,431	1,431	1,431
Natural Area Reserve	(734)	(1,431)	(1,431)	(1,431)	(1,431)
Parks Maintenance Costs	70	87	-	-	-
Total Impact	70	87	-	-	-

Last Updated: 17-NOV-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)															
PROGRAM: Parks																	
PROJECT NAME: N.P.D.P. Phase I & II		07-28-0079															
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.															
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY															
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>									
Budget as Approved		4,569	40	-	-	-	-	4,609									
Change		-	-	-	-	-	-	-									
Revised Budget		4,569	40	-	-	-	-	4,609									
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>																	
Existing Plan Expenditures		-	-	-	-	-	-	-									
Change		-	-	-	-	-	-	-									
Revised Expenditures		-	-	-	-	-	-	-									
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>4,569</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,609</b>									
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>									
Partnership Funding	-	2,661	39	-	-	-	-	2,700									
Funds-in-Lieu Reserve	-	298	1	-	-	-	-	299									
General Financing	-	1,610	-	-	-	-	-	1,610									
Total Financing	-	4,569	40	-	-	-	-	4,609									
<b>Description</b> The Neighbourhood Park Development Program (NPDP) provides funding to match community group contributions for the development or re-development of neighbourhood park sites. Community groups participate in park site development with labour and finances to provide park amenities such as trees, walks, lighting, benches and playground equipment. A maximum of \$70,000 per neighbourhood is available in Phase 1 of this program based on a matching partnership basis. The City provides required infrastructure work to support playground development/redevelopment. The second phase of this program provides funding to match community group contributions for playground equipment replacement when existing play structures are not economically viable for extended rehabilitation. Old structures will be replaced with new equipment or technologies while retaining the useful components of the park's features or assets. A maximum contribution of \$30,000 per neighbourhood will be made available to all City neighbourhoods on a partnership basis. The program will also provide the opportunity for communities to cost share on making their sites accessible and safe for all users through the use of an additional grant available through this program. Requests will be reviewed as part of the NPDP process. This will also consider the assistance in additional park security lighting to make the park a safer place.																	
<b>Justification</b> The natural life cycle of playground equipment is often reached after 15-20 years of extensive use. Extended maintenance is no longer cost efficient for playgrounds reaching 20 years or more. The play value remaining in these existing structures or components may also be limited. The need to retrofit the																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Project Cost Breakdown</b></td> </tr> <tr> <td>Const. &amp; Design</td> <td style="text-align: right;">\$ 4,609</td> </tr> <tr> <td colspan="2" style="height: 50px;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 4,609</td> </tr> </table>								<b>Project Cost Breakdown</b>		Const. & Design	\$ 4,609			\$ 4,609	
<b>Project Cost Breakdown</b>																	
Const. & Design	\$ 4,609																
\$ 4,609																	
Last Updated: 15-SEP-2010																	

## COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: N.P.D.P. Phase I &amp; II

07-28-0079

playground equipment while retaining the other park development features is a practical and economical way of maintaining physical recreational opportunities in local neighbourhoods. This program also allows the City and community groups to develop twenty to twenty-five parks with new playgrounds, security lighting, and other amenities annually.

Council Initiatives: Safe Community - Child Friendly City, Next Generation, Vibrant Neighbourhoods, Quality Physical Environment - Sport , Recreation Opportunities, Responsible and Responsive Government

Corporate Business Plan Initiatives: Implement the Infrastructure Strategy.

Service Challenge: Meeting the needs of a growing city.

Source of Estimates Conceptual: +/- 50%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2011 Total Project Costs: \$10,585 Expenditures Beyond CPP Period: \$5,976

## Impact on Operations

	2010	2011	2012	2013	2014
Parks Maintenance Costs	4	-	-	-	-
Tree Maintenance Costs	10	-	-	-	-
Total Impact	14	-	-	-	-

Last Updated: 15-SEP-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Park Signage Program

06-28-0253

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	212	-	-	-	-	-	212
Change	-	-	-	-	-	-	-
Revised Budget	212	-	-	-	-	-	212

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

212	-	-	-	-	-	212
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		2	-	-	-	-	-	2
Parkland Purchase Reserve	-		210	-	-	-	-	-	210
Total Financing	-		212	-	-	-	-	-	212

## Description

This project is to manufacture and install City, district and neighborhood park signs. Priority for signage is given in chronological order to Parks already named by Council. After all new park signs are completed the priority will be replacement of old signs that are not to City standards. Cost sharing options are explored with all Community Groups.

## Justification

Signage is considered a minimum service level for park development. However, the Department has received numerous complaints about the lack of signage from area residents and City Council. Park signage assists citizens in identifying and locating specific park sites. Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Responding to changing expectations, demands and demographics.

Source of Estimates Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction \$ 212

Last Updated: 26-FEB-2010

\$ 212

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)						
PROGRAM: Parks								
PROJECT NAME: Park Renewal		09-28-1001						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.						
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		369	3,966	17,936	2,042	-	-	24,313
Change		-	-	-	-	-	-	-
Revised Budget		369	3,966	17,936	2,042	-	-	24,313
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	7,283	7,033	7,033	21,349
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	7,283	7,033	7,033	21,349
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>369</b>	<b>3,966</b>	<b>17,936</b>	<b>9,325</b>	<b>7,033</b>	<b>7,033</b>	<b>45,662</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
General Financing	-	229	482	392	1,200	1,200	1,200	4,703
Munc Sustain. Initiative - MSI	-	140	3,484	17,544	8,125	5,833	5,833	40,959
Total Financing	-	369	3,966	17,936	9,325	7,033	7,033	45,662
<b>Description</b> This program 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 approved MSI projects include: John Fry District Park; Buena Vista/Laurier Park; Dawson Park; Queen Elizabeth Park; Bonnie Doon Park; Victoria Park; Castledowns District Park; Borden Park; Mill Woods District Park; and Grand Trunk District Park Note: MSI funding is subject to project eligibility.								
<b>Justification</b> 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.								
					<b>Project Cost Breakdown</b> Construction \$ 21,791 Design 2,050			
Last Updated: 26-NOV-2010					\$ 23,841			

## Asset Management & Public Works

PROGRAM:	Parks
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PROJECT NAME:	Park Renewal
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09-28-1001

Source of Estimates	Preliminary Design: +/- 30%
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## Change from Previous Approval

#68 - Projects were delayed due to MSI reduction/timing announced by the Province. MSI spending was deferred pending CLT/Council approval. Funding released in mid May resulted in delays in design, tendering and construction starts.

#67 - Transfer funding from 09-28-9601 for studies/design to where the projects will be established.

Last Updated: 26-NOV-2010

COMPOSITE		Asset Management & Public Works (thousands of dollars)						
PROGRAM: Parks								
PROJECT NAME: New Park Construction		09-28-1050						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Brenneis L.						
Outcome: Improve Edmonton's Livability		Focus: Improve community engagement & participation						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		748	4,964	22,975	2,654	-	-	31,341
Change		-	-	-	-	-	-	-
Revised Budget		748	4,964	22,975	2,654	-	-	31,341
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	6,727	2,734	3,504	12,965
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	6,727	2,734	3,504	12,965
TOTAL CAPITAL EXPENDITURE PLAN		748	4,964	22,975	9,381	2,734	3,504	44,306
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Funds-in-Lieu Reserve	-	-	639	177	185	194	203	1,398
General Financing	-	408	1,158	-	-	-	-	1,566
Munc Sustain. Initiative - MSI	-	340	2,495	22,798	9,196	2,540	3,301	40,670
Parkland Purchase Reserve	-	-	672	-	-	-	-	672
Total Financing	-	748	4,964	22,975	9,381	2,734	3,504	44,306
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.								
The approved MSI projects include: Schonsee Pocket Park; Silver Berry Neighbourhood Park; Canon Ridge Neighbourhood Park; Eaux Claires Neighbourhood Park; Walker Neighbourhood Parks; Charlesworth Urban Village Park; Webber Greens Neighbourhood Park; Hudson Neighbourhood Park; McConachie District Park; Clareview District Park; Silver Berry District Park; Windermere Estates Neighbourhood Park; Hamptons Park Note: MSI funding is subject to project eligibility.								
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								
<div>Project Cost Breakdown</div> <div>Design &amp; Construction \$ 31,309</div>								
Last Updated: 26-NOV-2010		\$ 31,309						

## COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: New Park Construction

09-28-1050

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.

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

#68 - Projects were delayed due to MSI reduction/timing announced by the Province. MSI spending was deferred pending CLT/Council approval. Funding released in mid May resulted in delays in design, tendering and construction starts.

#67 - transfer budget to match where the actual charges are linked, and year when project is to be completed.

Impact on Operations	2010	2011	2012	2013	2014
Parks Maintenance Costs	99	195	215	-	-
Total Impact	99	195	215	-	-

Last Updated: 26-NOV-2010



COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)						
PROGRAM: Parks								
PROJECT NAME: Tree/Horticulture Renewal		09-28-2001						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.						
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		62	677	432	-	-	-	1,171
Change		-	-	-	-	-	-	-
Revised Budget		62	677	432	-	-	-	1,171
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	462	618	629	1,709
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	462	618	629	1,709
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		62	677	432	462	618	629	2,880
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Parkland Purchase Reserve	-	-	247	150	153	156	159	865
General Financing	-	35	431	282	234	387	390	1,759
Partnership Funding	-	-	-	-	75	75	80	230
Other Grants - Provincial	-	27	(1)	-	-	-	-	26
<b>Total Financing</b>	-	62	677	432	462	618	629	2,880
<b>Description</b> This program provides funding for new tree planting, horticultural, and landscaping on established neighbourhood school/park and district park sites that are below base level standard, warranty replacement for turf, tree watering systems for boulevards and roadways, roadway landscaping and naturalization of denuded open areas in the river valley which are not used for active recreational purposes.								
<b>Justification</b> Enhancement of our public open spaces through the completion of tree planting and correction of horticultural deficiencies on park sites to be a minimum service level. Highest priority is given to the oldest sites devoid of trees. Will explore partner contributions for cost sharing as opportunities are presented. Trees and naturalized plantings are beneficial to the environment, reduce pollution, produce oxygen, provided wildlife habitat, buffer against noise and improve the appearance of the community.								
Source of Estimates		Preliminary Design: +/- 30%						
		<b>Project Cost Breakdown</b> Construction \$ 1,031 Design 140  <div style="text-align: right;">\$ 1,171</div>						
Last Updated: 15-APR-2010								

COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: Tree/Horticulture Renewal

09-28-2001

## Impact on Operations

	2010	2011	2012	2013	2014
Landscaping/Sign Maintenance	2	3	4	4	5
Tree Maintenance Costs	2	3	4	4	5
Total Impact	4	6	8	8	10

Last Updated: 15-APR-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)															
PROGRAM: Parks																	
PROJECT NAME: Utilities & Access Renewal		09-28-3001															
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.															
Outcome: Transform Edmonton's Urban Form		Focus: Refocus spending on renewing existing vs new infra															
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total									
Budget as Approved		1,739	1,803	1,291	6,210	-	-	11,043									
Change		-	-	-	-	-	-	-									
Revised Budget		1,739	1,803	1,291	6,210	-	-	11,043									
FUNDING EARMARKED FOR FUTURE EXPENDITURES																	
Existing Plan Expenditures		-	-	-	2,959	3,671	3,582	10,212									
Change		-	-	-	-	-	-	-									
Revised Expenditures		-	-	-	2,959	3,671	3,582	10,212									
TOTAL CAPITAL EXPENDITURE PLAN		1,739	1,803	1,291	9,169	3,671	3,582	21,255									
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total									
Munc Sustain. Initiative - MSI	-	-	-	-	7,725	1,586	1,608	10,919									
Financial Stabilization Resrv.	-	834	-	-	-	-	-	834									
Other Grants - Provincial	-	125	-	-	-	-	-	125									
General Financing	-	780	1,803	1,291	1,444	2,085	1,974	9,377									
Total Financing	-	1,739	1,803	1,291	9,169	3,671	3,582	21,255									
<b>Description</b> This program funds the renewal of access features (e.g. roads, parking lots, trails, wooden stairs, minor bridges and viewpoints, docks, boardwalk upgrades) and parks utility services on parkland. Note: MSI funding is subject to project eligibility.																	
<b>Justification</b> 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.																	
Source of Estimates		Preliminary Design: +/- 30%															
Last Updated: 15-SEP-2010		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">\$ 128</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">10,915</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">\$ 11,043</td> </tr> </table>								Project Cost Breakdown		Design	\$ 128	Construction	10,915	\$ 11,043	
Project Cost Breakdown																	
Design	\$ 128																
Construction	10,915																
\$ 11,043																	

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Yard & Fleet Optimization		09-28-4001							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		-	-	1,000	-	-	-	1,000	
Change		-	-	-	-	-	-	-	
Revised Budget		-	-	1,000	-	-	-	1,000	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	500	500	500	1,500	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	500	500	500	1,500	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		-	-	1,000	500	500	500	2,500	
	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Financing									
Munc Sustain. Initiative - MSI	-		-	-	-	500	500	500	1,500
General Financing	-		-	-	1,000	-	-	-	1,000
Total Financing	-		-	-	1,000	500	500	500	2,500
<b>Description</b> This program will fund the development of new and renewal of Parks operations yards, and the purchase of parks equipment to optimize service delivery. Note: MSI funding is subject to project eligibility.									
<b>Justification</b> Increased growth of the City's parks and open space inventory requires the addition of new yards and equipment to efficiently operate and maintain parks inventory. Expanding city growth further away from existing Operation Yards is reducing the efficiency and cost effectiveness of maintaining parks. Additional permanent and temporary service yards are required to improve productivity and to store additional equipment. Increased inventory growth requires additional equipment to maintain parks annually increasing inventory.									
Source of Estimates		Preliminary Design: +/- 30%							
<b>Change from Previous Approval</b> #68 - Transfer to Fleet services for growth vehicles acquisition.									
		Project Cost Breakdown Equipment                      \$                      1,000							
Last Updated: 26-NOV-2010		\$ 1,000							

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Clareview Campus-Minimum Park Developmnt

06-28-4059

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	31	-	-	-	-	-	31
Change	-	-	-	-	-	-	-
Revised Budget	31	-	-	-	-	-	31

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

31	-	-	-	-	-	31
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		31	-	-	-	-	-	31
Total Financing	-		31	-	-	-	-	-	31

## Description

This project will provide a minimum service level of development for the remaining 18.6 ha portion of the campus/district athletic park site located at 138 Avenue and 40 Street. This minimum development will include grading, mechanical drainage, leveling, seeding, signage, and trees/horticulture. The remaining portion of the site was developed during the Clareview Arena construction in 1991/92. This project also involves payment of developer costs, including interest costs in order to obtain clear title to the Clareview Town Centre District Park/Campus site so that the district park site can be developed. This culminates an initial land exchange agreement entered into in 1978. The settlement was approved by Executive Committee in 2005.

## Justification

This campus will provide Clareview and Hermitage area residents with senior high school sites and district sports fields. This is a minimum level of service for the Clareview and Hermitage residents. Executive Committee approved interim financing through the Land Enterprise Fund for this settlement. Ultimate financing was to be provided through a Capital Budget submission from Community Services Department.

Source of Estimates

Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction \$ 31

Last Updated: 26-FEB-2010

\$ 31

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Louise McKinney Park - Ph. II -Buildings

07-28-4141

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,483	-	-	-	-	-	2,483
Change	-	-	-	-	-	-	-
Revised Budget	2,483	-	-	-	-	-	2,483

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,483	-	-	-	-	-	2,483
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		2,410	-	-	-	-	-	2,410
Partnership Funding	-		73	-	-	-	-	-	73
Total Financing	-		2,483	-	-	-	-	-	2,483

## Description

This additional funding will complete the majority of the projects originally planned for Phase 2 of the Louise McKinney Riverfront Park. The project team is recommending re-tender of two of the four planned buildings.

The project scope has increased to address on-site design and engineering requirements, and construction cost estimates have escalated due to material cost increases and shortages in construction labor. The complexities of the project and interest in achieving excellence in design have also contributed to cost increases.

The project design has been supported by the Edmonton Design Committee, and has met all project approvals.

## Justification

This project is an essential component to the success of the Council approved Vision for Louise McKinney Riverfront Park. Louise McKinney Riverfront Park was approved as the City's Millennium Project in 1999 and Phase 1 was completed in 2000. Phase 2, the Centennial Legacy Project was supported with matching funds (\$1.5 million) from the Province of Alberta. The City portion of the project (\$4,025 million) is not sufficient to complete the entire Phase 2 project. Corporate Business Plan Initiatives: Planned Growth; Prepare and implement "Smart Choices for Developing our Communities". Service Challenge: Meeting the needs of a growing city. Council Initiative: Vibrant Neighbourhood, Safe Community, Quality Physical Environment, Sport and Recreation Opportunities.

Source of Estimates Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction \$ 2,483

Last Updated: 14-APR-2010

\$ 2,483

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Louise McKinney Riverfront Funicular

07-28-4142

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	32	418	-	-	-	-	450
Change	-	-	-	-	-	-	-
Revised Budget	32	418	-	-	-	-	450

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

32	418	-	-	-	-	450
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		32	418	-	-	-	-	450
Total Financing	-		32	418	-	-	-	-	450

## Description

This project will fund the planning studies/design for a funicular/cable car lift from Jasper Avenue to the river edge at Louise McKinney Riverfront Park. This lift is envisioned to:

- Provide a tourist attraction linking Downtown and the Jasper East area with the river valley park system.
- Improve park access for all persons coming to the park and visiting the Shaw Conference Centre, which will reduce the need for on-site parking for events and festivals.
- Operate year round and improve walking and cycling to the Downtown through Louise McKinney Park.
- Create a park experience for visitors and create demand for additional on-site services such as food, beverages, recreation equipment rentals, and park visitor services.

Once the planning study/design is completed for this project, a funding request may be prepared. The source of funding is not known at this time.

## Justification

This project is an essential component to the success of the Council approved Vision for Louise McKinney Riverfront Park, and was discussed in the Downtown East Plan public forums, and is viewed as a positive enhancement to the revitalization of this area. Council Initiatives: Safe Community, Child Friendly, Seniors Issues.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design \$ 450

Last Updated: 14-APR-2010

\$ 450

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Louise McKinney Riverfront Park

03-28-4147

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,977	813	11,685	-	-	-	19,475
Change	-	-	-	-	-	-	-
Revised Budget	6,977	813	11,685	-	-	-	19,475

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,977	813	11,685	-	-	-	19,475
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		669	-	-	-	-	-	669
Other Grants - Provincial	-		675	(162)	-	-	-	-	513
Cenn Legacy Grant - Phase 3	-		1,500	162	-	-	-	-	1,662
General Financing	-		3,488	138	-	-	-	-	3,626
Parkland Purchase Reserve	-		505	-	-	-	-	-	505
Munc Sustain. Initiative - MSI	-		140	675	11,685	-	-	-	12,500
Total Financing	-		6,977	813	11,685	-	-	-	19,475

## 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 are proposed to provide residents and visitors a major park destination and events site.

MSI funding was approved in 2009 to complete the Green Room, Promenade extension, and the Riverfront Buildings and Plaza projects, elements identified in Phase 3 of the park development.

## 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. Increased tourist visitation is projected at 0.1% to 0.5% per year. Corporate Business Plan Initiative: Planned Growth

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

## Project Cost Breakdown

Construction	\$	17,187
Design		2,288

Last Updated: 17-NOV-2010

\$ 19,475



## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: Louise McKinney Riverfront Park

03-28-4147

#68 - Cashflow \$5.5 mil from 2012 to 2011 as Council directed (July 21/10 council minutes) to advance LMRP buildings to 2011 instead of being on the timing delayed list. \$4.185 mil from 2010 to 2011 as delays in tendering and construction.

Last Updated: 17-NOV-2010

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Hawrelak Statue Donation

05-28-4150

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Preserve/celebrate/support heritage, arts &amp; cultur

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	350	64	-	-	-	-	414
Change	-	-	-	-	-	-	-
Revised Budget	350	64	-	-	-	-	414

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

350	64	-	-	-	-	414
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		63	64	-	-	-	-	127
Partnership Funding	-		297	-	-	-	-	-	297
Parkland Purchase Reserve	-		(10)	-	-	-	-	-	(10)
Total Financing	-		350	64	-	-	-	-	414

## 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).

## 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.

## Source of Estimates

Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction \$ 414

Last Updated: 14-APR-2010

\$ 414

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Development

07-28-5210

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,339	558	645	-	-	-	2,542
Change	-	-	-	-	-	-	-
Revised Budget	1,339	558	645	-	-	-	2,542

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,339	558	645	-	-	-	2,542
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	835	558	645	-	-	-	2,038
Munc Sustain. Initiative - MSI	-	504	-	-	-	-	-	504
Total Financing	-	1,339	558	645	-	-	-	2,542

## Description

This program will fund the grading, seeding, tree planting and signage of neighborhood and district school and park sites in all areas of the City. This program will transform raw land into green space for passive parks, sports fields, and for future school and community buildings. This park construction lays the foundation for community group projects and investment through the Neighborhood Park Development Program.

Neighborhood schools and parks are a focal point of the community and serve residents within one-half mile of their residence. Elementary and Junior High schools, community league facilities, playgrounds and sports fields are located on these sites.

District school and park sites provide recreation space and athletic grounds of a more specialized nature than neighborhood parks. These sites contain High schools, arenas, pools and other park amenities, and are the focus of 8 -10 neighborhoods.

Generally the asset life of "a park" (grass trees, open space) is immeasurable. The "structures" within the park have an asset life based on the Tangible Capital Assets data design documentation listing of lifecycles.

## Projects in this program:

Terwilleger Town East School Site; Belle Rive School Site; Griesbach School Site  
MSI project funding for 2009: Hudson Park

## 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

## Project Cost Breakdown

Construction	\$	2,542
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Last Updated: 17-NOV-2010

\$	2,542
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## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Development

07-28-5210

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 accessible neighborhood and district parks or residents will have to travel further to enjoy recreation opportunities. Residents are not satisfied with city services if the parkland is not developed to a minimum standard.

Support Priorities in Approved Plans:

Plan Edmonton - 1998 - Strategy 3.5.5 - Provide opportunities for individual and community recreation by maintaining and developing public parks, open space and recreation facilities.

Community Services Department - 2000 Integrated Services Strategy (Target #1/Integrated and Linked Parks and Open Space System). Council Initiative; Quality Physical Environment, Sport and Recreation Opportunities, Child Friendly, Vibrant Neighbourhood, Safe Communities.

Community Services Department Business Plan - develop a parks open space system plan for the City of Edmonton.

Service Challenge: Meeting the needs of a growing city.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

#68 - Lack of available internal resources

Impact on Operations	2010	2011	2012	2013	2014
Parks Maintenance Costs	14	-	-	-	-
Total Impact	14	-	-	-	-

Last Updated: 17-NOV-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Development

06-28-5214

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,090	616	529	-	-	-	4,235
Change	-	-	-	-	-	-	-
Revised Budget	3,090	616	529	-	-	-	4,235

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,090	616	529	-	-	-	4,235
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		1,955	616	529	-	-	-	3,100
Munc Sustain. Initiative - MSI	-		718	-	-	-	-	-	718
Financial Stabilization Resrv.	-		417	-	-	-	-	-	417
Total Financing	-		3,090	616	529	-	-	-	4,235

## Description

This program will fund the grading, seeding, tree planting and signage of neighborhood and district school and park sites in all areas of the City. This program will transform raw land into green space for passive parks, sports fields, and for future school and community buildings. This park construction lays the foundation for community group projects and investment through the Neighborhood Park Development Program.

Neighborhood schools and parks are a focal point of the community and serve residents within one-half mile of their residence. Elementary and Junior High schools, community league facilities, playgrounds and sports fields are located on these sites.

District school and park sites provide recreation space and athletic grounds of a more specialized nature than neighborhood parks. These sites contain High schools, arenas, pools and other park amenities, and are the focus of 5 -10 neighborhoods.

Generally the asset life of "a park" (grass trees, open space) is immeasurable. The "structures" within the park have an asset life based on the Tangible Capital Assets Parks Data Design Document.

## Projects in this program:

Hamptons Neighbourhood Park; Terra Losa Neighbourhood Park; Magrath Neighbourhood Park

MSI project funding for 2009: Cannon Ridge Park

## Project Cost Breakdown

Construction \$ 4,235

Last Updated: 17-NOV-2010

\$ 4,235

## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Development

06-28-5214

### 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 accessible neighborhood and district parks or residents will have to travel further to enjoy recreation opportunities. Residents are not satisfied with city services if the parkland is not developed to a minimum standard.

#### Support Priorities in Approved Plans:

Plan Edmonton - 1998 - Strategy 3.5.5 - Provide opportunities for individual and community recreation by maintaining and developing public parks, open space and recreation facilities.

Community Services Department - 2000 Integrated Services Strategy (Target #1/Integrated and Linked Parks and Open Space System).

Community Services Department Business Plan - develop a parks open space system plan for the City of Edmonton.

Service Challenge: Meeting the needs of a growing city.

Source of Estimates      Preliminary Design: +/- 30%

### Change from Previous Approval

#68 - Lack of available internal resources

Last Updated: 17-NOV-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Dev-P3School

08-28-5215

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,901	260	156	-	-	-	7,317
Change	-	-	-	-	-	-	-
Revised Budget	6,901	260	156	-	-	-	7,317

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,901	260	156	-	-	-	7,317
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		1,921	-	-	-	-	-	1,921
Operating Surplus (FSR)	-		3,534	160	156	-	-	-	3,850
General Financing	-		-	63	-	-	-	-	63
Financial Stabilization Resrv.	-		433	-	-	-	-	-	433
Funds-in-Lieu Reserve	-		1,013	37	-	-	-	-	1,050
Total Financing	-		6,901	260	156	-	-	-	7,317

## Description

This program funds the grading, seeding, tree planting and signage of neighborhood and district school and park sites in all areas of the City. This program transforms raw land into green space for passive parks, sports fields, and for future school and community buildings. This park construction lays the foundation for community group projects and investment through the Neighborhood Park Development Program.

Neighborhood schools and parks are a focal point of the community and serve residents within one-half mile of their residence. Elementary and Junior High schools, community league facilities, playgrounds and sports fields are located on these sites.

District school and park sites provide recreation space and athletic grounds of a more specialized nature than neighborhood parks. These sites contain High schools, arenas, pools and other park amenities, and are the focus of 8 -10 neighborhoods.

Generally the asset life of "a park" (grass trees, open space) is immeasurable. The "structures" within the park have an asset life as referenced in the Parks Data Design Document for Tangible Capital Assets.

## Projects in this program:

Tamarack School Site; Hollick Kenyon District Park; Rutherford School Site  
MSI project funding for 2009: Hamptons District Park

Project Cost Breakdown		
Construction	\$	7,833

Last Updated: 26-NOV-2010

\$ 7,833

## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Neighbourhood/District Park Dev-P3School

08-28-5215

### 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. 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 accessible neighborhood and district parks or residents will have to travel further to enjoy recreation opportunities. Residents are not satisfied with city services if the parkland is not developed to a minimum standard.

Support Priorities in Approved Plans:

Plan Edmonton - 1998 - Strategy 3.5.5 - Provide opportunities for individual and community recreation by maintaining and developing public parks, open space and recreation facilities.

Community Services Department - 2000 Integrated Services Strategy (Target #1/Integrated and Linked Parks and Open Space System). Council Initiative; Quality Physical Environment, Sport and Recreation Opportunities, Child Friendly, Vibrant Neighbourhood, Safe Communities.

Community Services Department Business Plan - develop a parks open space system plan for the City of Edmonton.

Service Challenge: Meeting the needs of a growing city.

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

#67 - (\$516) transfer budget to match where the actual charges are linked.

#67 - \$156 Lack of available internal resources

Impact on Operations	2010	2011	2012	2013	2014
Parks Maintenance Costs	14	-	-	-	-
Total Impact	14	-	-	-	-

Last Updated: 26-NOV-2010



COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Playground Conservation		07-28-5220							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Improve Edmonton's Livability		Focus: Enhance social connectedness for all citizens							
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		921	7	-	-	-	-	928	
Change		-	-	-	-	-	-	-	
Revised Budget		921	7	-	-	-	-	928	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		921	7	-	-	-	-	928	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Partnership Funding	-	(32)	-	-	-	-	-	(32)	
General Financing	-	888	7	-	-	-	-	895	
Comm. Fac. Enhancmt	-	65	-	-	-	-	-	65	
Prog. Grant	-	-	-	-	-	-	-	-	
Total Financing	-	921	7	-	-	-	-	928	
<b>Description</b> This program provides funding for the repair of play equipment, play settings, wading pools and spray decks that are in need of urgent repairs. These repairs restore playgrounds, wading pools and spray decks to an acceptable standard for continued maintenance and safety. On average, repairs cost up to \$15,000 for each site. Repair includes the removal of rotten timbers, replacing support beams, repairing curbing, replacing benches, replacing damaged swings, slides, drainage and adding sand to the site. Program priorities are established based on safety considerations. All repairs undertaken conform to department safety standards and practices. No operating impact.									
<b>Justification</b> Repairs are required to eliminate potential safety hazards and to extend the life of current infrastructure assets. A growing number of playgrounds and wading pool/spray decks are reaching the end of their natural lifecycle due to aging, lifespan of wood play structures and extended use. The Department undertakes repairs in areas where neighbourhood play needs remain high but community sponsorship is not in place for total redevelopment or retrofit. Enhanced conservation and rehabilitation practices will extend the life of current department assets further 3 - 5 years before total replacement is necessary. Council Initiatives: Safe Community - Child Friendly City, Next Generation, Vibrant Neighbourhoods, Quality Physical Environment - Sport , Recreation Opportunities, Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Managing an aging									
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>          Construction                      \$                      928       </div>									
Last Updated: 27-MAY-2010		\$ 928							

COMPOSITE

## Asset Management & Public Works

PROGRAM:	Parks
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PROJECT NAME:	Playground Conservation
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07-28-5220

infrastructure.

Source of Estimates	Preliminary Design: +/- 30%
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### Change from Previous Approval

Adjust budget by \$1,532.56 to reflect amount received for Partnership Funding

Last Updated: 27-MAY-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Wading Pool Rehabilitation

06-28-5223

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,713	-	-	-	-	-	3,713
Change	-	-	-	-	-	-	-
Revised Budget	3,713	-	-	-	-	-	3,713

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,713	-	-	-	-	-	3,713
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Partnership Funding	-		683	-	-	-	-	-	683
Funds-in-Lieu Reserve	-		553	-	-	-	-	-	553
General Financing	-		2,148	-	-	-	-	-	2,148
Developer Financing	-		329	-	-	-	-	-	329
Total Financing	-		3,713	-	-	-	-	-	3,713

## Description

In support of the outdoor aquatic strategy, this project will result in the rehabilitation of 40 existing wading pools to either water spray decks or provide for partner funding to install circulating chlorination water treatment systems to a refurbished wading pool. The funding covers specific items such as removals and site work, installation of new concrete piles and pad for each of the 40 existing wading pools plus installation of electrical and plumbing as well as landscape restoration. Priorities for conversion are based on a number of factors including neighborhood demographics, maintenance demand, structural integrity, participation and readiness and willingness of community groups to partner with the City to convert and improve over base level. All these wading pools are a minimum of 35 years old and have had little or no significant repair. This package also provides for two District level wading pools (Kinsmen & Borden) to be converted to either a water spray park or a fully circulating, chlorinated wading pool. \$450,000 per site has been identified for these two District level pools. This program will provide for the base level and will be available for Community Groups to partner with if they desire to add the additional funding necessary to provide fully circulating, chlorinated wading pools within their neighbourhoods.

## Justification

The conversions of wading pools began in 2001 through the dedication of some \$100,000 per year out of the Playground Conservation Program. The lack of attention for 35 years to these extremely popular amenities in neighborhood parks had begun to put all of them in jeopardy in terms of long term viability. The speed of conversion in 2005 has become more immediate given the expected

## Project Cost Breakdown

Construction	\$	3,713
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Last Updated: 15-SEP-2010

\$	3,713
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## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Wading Pool Rehabilitation

06-28-5223

legislated requirements to meet the newly established Provincial Water Quality Standards (Public Health Act Swimming Pool Regulations) which include all wading pools. Without this conversion and based on earlier testing by Alberta Health and Wellness of the wading pool water quality there is a potential for health risk to the users. Water Play and the opportunity for it by children and families in their local neighborhoods is an important principle that Community services is guided by. The number of users of wading pools over the years has continued to be high (averaging 78,000 per year over the last 5 years) confirming the principle that the opportunity for water play is a valued asset by communities as well.

Council: Vibrant Neighbourhoods, Safe Community - Child Friendly City, Good Neighbour and Partner - Capital Health Authority, Quality Physical Environment - Sports, Recreation Opportunities

Service Challenge: Managing an aging Infrastructure with changing regulations.

Source of Estimates      Preliminary Design: +/- 30%

Last Updated: 15-SEP-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Tree Planting/RV Naturalization		07-28-5240							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		1,048	17	-	-	-	-	1,065	
Change		-	-	-	-	-	-	-	
Revised Budget		1,048	17	-	-	-	-	1,065	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>1,048</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,065</b>	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Partnership Funding	-		1	-	-	-	-	-	1
Parkland Purchase Reserve	-		693	17	-	-	-	-	710
General Financing	-		354	-	-	-	-	-	354
<b>Total Financing</b>	<b>-</b>		<b>1,048</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,065</b>
<b>Description</b> This program provides funding for new tree planting on established neighbourhood school/park sites below base level standard, roadway landscaping and naturalization of denuded open areas in the river valley.									
<b>Justification</b> Enhancement of our public open spaces through the completion of tree planting and correction of horticultural deficiencies on park sites to be a minimum service level. Highest priority is given to the oldest sites devoid of trees or where the community is cost sharing one-half of the project costs. Trees and naturalized plantings are beneficial to the environment, reduce pollution, produce oxygen, provided wildlife habitat, buffer against noise and improve the appearance of the community. Council Initiatives: Vibrant Neighbourhoods, Quality Physical Environment Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Continued implementation of the Environmental Strategic Plan. Service Challenge: Meeting the needs of a growing city.									
<b>Source of Estimates</b> Detailed Design: +/- 20%									
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Project Cost Breakdown</b>            Construction      \$      1,065         </div>									
Last Updated: 14-APR-2010		\$ 1,065							

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Replacement of Drought Damaged Trees

05-28-5252

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase access &amp; proximity to ecological systems

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,291	1,400	606	-	-	-	4,297
Change	-	-	-	-	-	-	-
Revised Budget	2,291	1,400	606	-	-	-	4,297

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,291	1,400	606	-	-	-	4,297
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		2,291	1,400	606	-	-	-	4,297
Total Financing	-		2,291	1,400	606	-	-	-	4,297

## Description

This program will result in the re-establishment of trees lost in 2002, 2003, and 2004 due to the effects of drought. Species that suffered the greatest include: pine, birch, spruce, and black and green ash. Younger trees were more vulnerable due to their less established root systems notwithstanding city efforts to mitigate the effects of the drought by undertaking extra watering and fertilizing. This program will replace trees in parks, buffers and boulevards.

## Justification

The volume of trees lost is so large that replenishing the urban canopy via the rate of planting available through the annual operating budget would be unlikely over the next 20-25 years. A capital infusion is necessary to respond to the city's worst drought in 120 years.

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

#68 - Substantially complete, however funds are required in the following year for plant establishment and contractual commitments.

## Project Cost Breakdown

Trees	\$	4,297
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Last Updated: 17-NOV-2010

\$	4,297
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## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: Replacement of Drought Damaged Trees

05-28-5252

Impact on Operations	2010	2011	2012	2013	2014
Tree Maintenance Costs	10	10	-	-	-
Total Impact	10	10	-	-	-

Last Updated: 17-NOV-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Sportsfield Conservation		07-28-5260							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		1,682	-	-	-	-	-	1,682	
Change		-	-	-	-	-	-	-	
Revised Budget		1,682	-	-	-	-	-	1,682	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		1,682	-	-	-	-	-	1,682	
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
General Financing	-	1,480	-	-	-	-	-	1,480	
Comm. Fac. Enhancmt	-	61	-	-	-	-	-	61	
Prog. Grant	-	141	-	-	-	-	-	141	
Financial Stabilization Resrv.	-	141	-	-	-	-	-	141	
<b>Total Financing</b>	-	1,682	-	-	-	-	-	1,682	
<b>Description</b> This program provides funding to repair and realign existing neighbourhood and district sportsfields. This restores them to acceptable standards for continued maintenance and increases the number of bookable fields. The type of work undertaken includes regrading, resodding, resolving drainage problems and relocating goal posts and backstops, irrigation upgrades and new irrigation installations to sportsfields. Sportsfields which require repairs are selected using the degree of deterioration of the field, and the amount of sportsfield usage. Realignment is done on the basis of need as expressed by the sportsfield users and in some locations, the safety of the users and the public. No operating impact.									
<b>Justification</b> Repairs are required to keep existing sportsfields in a safe, playable condition and to prevent additional deterioration and increased costs resulting from insufficient maintenance. The current list of Sportsfield Conservation Projects includes 100 projects. Community and sportsfield user expectations for better quality fields will be provided by using this program to upgrade these sites to meet current standards for play and to meet the deficiencies of larger rectangular fields and ball diamonds outlined in the Long Term Sportsfield Strategy. Council Initiatives: Vibrant Neighbourhoods, Safe Community - Child Friendly City, Quality Physical Environment - Sport, Recreation Opportunities Corporate Business Plan Initiatives: Infrastructure and Physical Environment;									
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>          Construction                      \$                      1,682       </div>									
Last Updated: 26-FEB-2010		\$ 1,682							



COMPOSITE

## Asset Management & Public Works

PROGRAM:	Parks
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PROJECT NAME:	Sportsfield Conservation
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07-28-5260

Implement the Infrastructure Strategy. Service Challenge: Managing an aging infrastructure.

Last Updated: 26-FEB-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Parks Conservation Program		07-28-5280							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		3,408	-	-	-	-	-	3,408	
Change		-	-	-	-	-	-	-	
Revised Budget		3,408	-	-	-	-	-	3,408	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		3,408	-	-	-	-	-	3,408	
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Partnership Funding	-	82	-	-	-	-	-	82	
Parkland Purchase Reserve	-	100	-	-	-	-	-	100	
General Financing	-	3,034	-	-	-	-	-	3,034	
Other Grants - Provincial	-	192	-	-	-	-	-	192	
<b>Total Financing</b>	-	3,408	-	-	-	-	-	3,408	
<b>Description</b> This program provides funds for the repair/refurbishment to City owned parks and park amenities. (Example: temporary and permanent park fencing, landscape rehabilitation, wooden stairs, bridges and viewpoints, boardwalk upgrades, drainage repairs, ponds and ornamental fountains, planters, retaining walls, tennis court refurbishment, irrigation repairs, etc.) Disabled access retrofits, park signage, are also included within this program. No operating impact.									
<b>Justification</b> Repairs/refurbishment projects undertaken within this program extend the life of existing capital assets. If left undone, park amenities would be forced to be removed and/or put out of service, annual operating costs will increase to perform on-going minor repairs in order to keep the amenity functional. Citizens using the parks will experience amenities not in good repair or perhaps removed resulting in dissatisfaction and lower attendance within the park system. Numerous projects within this program are used to cost share with partners (Example: Community Facility Enhancement Program). Majority of the work performed is to correct unsafe site conditions and bring park amenities up to code requirements. Disabled access retrofits provided under this program permits an opportunity for disabled users to either gain access to a site/amenity and/or allows the individual to participate in an activity. Council Initiatives: Vibrant Neighbourhoods, Safe Community, Quality Physical Environment Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Managing an aging infrastructure.									
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>          Construction                 \$                 3,408       </div>									
Last Updated: 26-FEB-2010		\$ 3,408							

COMPOSITE

## Asset Management & Public Works

PROGRAM:	Parks
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PROJECT NAME:	Parks Conservation Program
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07-28-5280

Source of Estimates	Conceptual: +/- 50%
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Total Project Cost /Timing (in \$000's)

Completion Year:	2016	Total Project Costs:	\$22,549	Expenditures Beyond CPP Period:	\$19,141
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Last Updated: 26-FEB-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM: Parks									
PROJECT NAME: Parks Infrastructure		07-28-5310							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.							
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		1,923	32	-	-	-	-	1,955	
Change		-	-	-	-	-	-	-	
Revised Budget		1,923	32	-	-	-	-	1,955	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>1,923</b>	<b>32</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,955</b>	
	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Financing									
General Financing	-		1,923	32	-	-	-	-	1,955
Total Financing	-		1,923	32	-	-	-	-	1,955
<b>Description</b> This program contains hard surfacing repairs, (e.g. tennis courts, playgrounds, walkways, trails, paved lots) at facilities and river valley trails. The type of work varies but generally includes asphalt repairs, overlay and replacement, and concrete construction. This program also includes utility installation and repairs for parks and community league buildings, repairs to drainage lines, and installation of security lighting at school and park sites.									
<b>Justification</b> Hardsurfacing repairs are undertaken to extend the life of existing capital assets, reduce long-term repair costs, and to correct potential or impending safety concerns. The Utility installation program facilitates community league and facility development in light of rapid suburban expansion in the city. Council Initiatives: Vibrant Neighbourhoods, Quality Physical Environment - Sport, Recreation Opportunities Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Managing an aging infrastructure.									
<b>Source of Estimates</b> Preliminary Design: +/- 30%									
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>            Construction      \$      1,955         </div>									
Last Updated: 14-APR-2010		\$ 1,955							

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)											
PROGRAM: Parks													
PROJECT NAME: River Valley And Ravine Trails Maintenan		07-28-5370											
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.											
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY											
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>					
Budget as Approved		490	2	-	-	-	-	492					
Change		-	-	-	-	-	-	-					
Revised Budget		490	2	-	-	-	-	492					
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>													
Existing Plan Expenditures		-	-	-	-	-	-	-					
Change		-	-	-	-	-	-	-					
Revised Expenditures		-	-	-	-	-	-	-					
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		490	2	-	-	-	-	492					
	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>				
Financing													
General Financing	-		490	2	-	-	-	-	492				
Total Financing	-		490	2	-	-	-	-	492				
<b>Description</b> This program will provide a regular fund for the maintenance/redevelopment of existing trails and minor access improvements (trails, stairs, bike connections) to the River Valley which are extensively used and require maintenance to ensure safety and useability. Existing program includes: Asphalt trail resurfacing, granular trail reconstruction, stair rehabilitation, and access improvements. No operating impact.													
<b>Justification</b> 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. This program also includes repair to bridges, staircases, boardwalks and bike connections. Council Initiatives: Safe Community, Quality Physical Environment - Sport, Recreation Opportunities Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy. Service Challenge: Managing an aging infrastructure.													
Source of Estimates		Preliminary Design: +/- 30%											
<b>Total Project Cost /Timing (in \$000's)</b> Completion Year: 2016      Total Project Costs: \$2,729      Expenditures Beyond CPP Period: \$2,237													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: left;">Project Cost Breakdown</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">\$ 492</td> </tr> </table>										Project Cost Breakdown		Construction	\$ 492
Project Cost Breakdown													
Construction	\$ 492												
Last Updated: 14-APR-2010		\$ 492											

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: River Valley &amp; Ravine Trails New Dev.

01-28-5375

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	903	-	-	-	-	-	903
Change	-	-	-	-	-	-	-
Revised Budget	903	-	-	-	-	-	903

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

903	-	-	-	-	-	903
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
FIP - Provincial Grant	-		41	-	-	-	-	-	41
Partnership Funding	-		8	-	-	-	-	-	8
FIP - Municipal Share	-		813	-	-	-	-	-	813
FIP - Federal Grant	-		41	-	-	-	-	-	41
Total Financing	-		903	-	-	-	-	-	903

## Description

This program will fund the continued extension of the North Saskatchewan River valley trail system. The Ribbon of Green multi-use trail has been designated part of the Trans Canada Trail, and is a destination for recreation and tourism in the Alberta Capital Region. Base level of development is needed to properly manage public use and maintain the quality of this nationally significant resource.

## Justification

Extending the trail system is consistent with many approved plan objectives; (eg. Ribbon of Green, North Saskatchewan River Valley ARP). This program is also consistent with Federal and Provincial supported initiatives such as the Trans Canada Trail. Use of the river valley trail system is estimated at over 3 million annual visits, and is expected to increase by 5% annually. Many of the newer areas of the City do not have access to the river valley to the same standard as the central, northeast and southeast sectors of the City. Through careful development, the City is better positioned to improve its management of this precious natural resource. This program of trail development will also promote exercise, healthy lifestyles and provide managed public access to this park destination. Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Continued implementation of the Environmental Strategic Plan. Department Business Plan Initiatives: Develop a parks open space system plan for the City of Edmonton.

## Source of Estimates

Detailed Design: +/- 20%

## Project Cost Breakdown

Construction \$ 1,043

Last Updated: 26-NOV-2010

\$ 1,043

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: River Valley &amp; Ravine Trails New Dev.

01-28-5375

## Change from Previous Approval

#67 - transfer budget to the appropriate program 07-28-5381 for the project.

Last Updated: 26-NOV-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Fort Edmonton Park Footbridge &amp; Trails

06-28-5377

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	19,505	8,724	-	-	-	-	28,229
Change	-	-	-	-	-	-	-
Revised Budget	19,505	8,724	-	-	-	-	28,229

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

19,505	8,724	-	-	-	-	28,229
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
FIP - Municipal Share	-	953	47	-	-	-	-	1,000
Munc Sustain. Initiative - MSI	-	18,552	5,677	-	-	-	-	24,229
Partnership Funding	-	-	3,000	-	-	-	-	3,000
Total Financing	-	19,505	8,724	-	-	-	-	28,229

## Description

This project involves 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 will link the new residential neighborhoods in west Edmonton with river valley trails system.

This project will demonstrate 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.

## 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.

## Project Cost Breakdown

Design	\$	1,550
Construction		26,679

Last Updated: 14-APR-2010

\$ 28,229



## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Fort Edmonton Park Footbridge &amp; Trails

06-28-5377

Source of Estimates Preliminary Design: +/- 30%

Impact on Operations	2010	2011	2012	2013	2014
Trail Maintenance Costs	-	15	30	-	-
Total Impact	-	15	30	-	-

Last Updated: 14-APR-2010

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Whitemud Park Amenity Buildings Redevelo

07-28-5381

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	199	623	3,115	-	-	-	3,937
Change	-	-	-	-	-	-	-
Revised Budget	199	623	3,115	-	-	-	3,937

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

199	623	3,115	-	-	-	3,937
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
FIP - Municipal Share	-		-	140	-	-	-	-	140
General Financing	-		46	93	-	-	-	-	139
Munc Sustain. Initiative - MSI	-		153	390	3,115	-	-	-	3,658
Total Financing	-		199	623	3,115	-	-	-	3,937

## Description

This project will replace existing washrooms, warm up trailers and storage buildings at Whitemud Park with new buildings. Rehabilitation and redevelopment is triggered where and when there is 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 facilities and site.

As Parks is currently maintaining older buildings/facilities at the site, there are no anticipated additional operating impacts.

## Justification

Parkland rehabilitation and redevelopment is needed to ensure the safety and health of the public when they visit parks. Adjacent properties 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. The potential to host events at parks is enhanced when amenities are available to serve user needs.

River valley washroom replacements and enhanced amenity projects were identified in Ribbon of Green North Saskatchewan River Valley and Ravine System Concept and

## Project Cost Breakdown

Construction	\$	3,797
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Last Updated: 26-NOV-2010

\$	3,797
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## Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Whitemud Park Amenity Buildings Redevelo

07-28-5381

Master Plan, approved by City Council.

Plan Edmonton - 1998 - Strategy 3.5.5 - Provide opportunities for individual and community recreation by maintaining and developing public parks, open space and recreation facilities. Community Services Department - 2000 Integrated Services Strategy (Target #1/Integrated and Linked Parks and Open Space System).

Community Services Department Business Plan - develop a parks open space system plan for the City of Edmonton.

Council Initiatives: Vibrant Neighbourhoods, Quality Physical Environment

Service Challenge: Meeting the needs of a growing city.

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

#68 - Delay in gov't approval caused tendering and construction delays.

#67 - transfer budget from 01-28-5375 to where project is established.

Last Updated: 26-NOV-2010

08-28-5382

Focus: Other - TEMPORARY

Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-		-	-	250	-	-	-	250
Total Financing	-		-	-	250	-	-	-	250

This project rehabilitates and redevelops the existing 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 rehabilitation and redevelopment.

Projects included in this program include the replacement of river valley playgrounds, replacement of washrooms and related park amenity buildings, and the redevelopment of access, parking, and signage facilities.

No operating impact.

## Justification

Council has approved continued use of the Rossdale 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.

Source of Estimates	Conceptual: +/- 50%
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### Change from Previous Approval

#68 - Delay due to litigation.

Project Cost Breakdown		
Construction	\$	250
	\$	250

Last Updated: 17-NOV-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)											
PROGRAM: Parks													
PROJECT NAME: Natural Areas Acquisition & Conservation		06-28-5390											
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Brenneis L.											
Outcome: Transform Edmonton's Urban Form		Focus: Improve city's urban architecture/form to env std											
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total					
Budget as Approved		874	-	-	-	-	-	874					
Change		-	-	-	-	-	-	-					
Revised Budget		874	-	-	-	-	-	874					
FUNDING EARMARKED FOR FUTURE EXPENDITURES													
Existing Plan Expenditures		-	-	-	-	-	-	-					
Change		-	-	-	-	-	-	-					
Revised Expenditures		-	-	-	-	-	-	-					
TOTAL CAPITAL EXPENDITURE PLAN		874	-	-	-	-	-	874					
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total					
Natural Area Reserve	-	191	-	-	-	-	-	191					
General Financing	-	683	-	-	-	-	-	683					
Total Financing	-	874	-	-	-	-	-	874					
<b>Description</b> This project will provide funds to facilitate the conservation of natural features on Edmonton's Table Lands including tree stands, water features and other significant features.													
<b>Justification</b> Plan Edmonton and the Community Services Integrated Service Strategy, both point to the need to conserve more natural areas. Policy C467 (Conservation of Natural Sites in Edmonton's Table Lands), 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 1999 indicated approximately 850 ha 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 timely manner with landowners, leverage additional funds, and will enable the city and its partners to acquire lands ahead of the development process when land costs are lower. Without this fund to support the efforts of the conservation co-ordinator and the rest of the administration, valuable pieces of our natural heritage maybe lost unnecessary. Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Continued implementation of the Environmental Strategic Plan. Department Business Plan Initiatives: Develop a parks open space system plan for the City of Edmonton. Service Challenge: Protecting the environment.													
Source of Estimates		Preliminary Design: +/- 30%											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: left;">Project Cost Breakdown</td> </tr> <tr> <td>Land</td> <td style="text-align: right;">\$ 874</td> </tr> </table>										Project Cost Breakdown		Land	\$ 874
Project Cost Breakdown													
Land	\$ 874												
Last Updated: 19-APR-2010		\$ 874											

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM:		Parks							
PROJECT NAME:		Natural Areas Acquisition & Conservation						07-28-5390	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Brenneis L.			
Outcome:		Transform Edmonton's Urban Form				Focus: Improve city's urban architecture/form to env std			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		628	-	-	-	-	-	628	
Change		-	-	-	-	-	-	-	
Revised Budget		628	-	-	-	-	-	628	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		628	-	-	-	-	-	628	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing	-	628	-	-	-	-	-	628	
Total Financing	-	628	-	-	-	-	-	628	
<b>Description</b> This program will provide funds to facilitate the conservation of natural features on Edmonton's Table Lands including tree stands, water features and other significant features.  The Parkland Purchase Reserve funding support will not be sustainable in the future.  <b>Justification</b> Plan Edmonton and the Community Services Integrated Service Strategy, both point to the need to conserve more natural areas. Policy C467 (Conservation of Natural Sites in Edmonton's Table Lands), 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 1999 indicated approximately 850 ha 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 timely manner with landowners, leverage additional funds, and will enable the city and its partners to acquire lands ahead of the development process when land costs are lower. Without this fund to support the efforts of the conservation co-ordinator and the rest of the administration, valuable pieces of our natural heritage maybe lost unnecessary. Council Initiatives: Quality Physical Environment Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Continued implementation of the Environmental Strategic Plan. Department Business Plan Initiatives: Develop a parks open space system plan for the City of Edmonton. Service Challenge: Protecting the environment.  <b>Source of Estimates</b> Conceptual: +/- 50%									
Last Updated: 15-SEP-2010		Project Cost Breakdown Land \$ 628							
		\$ 628							

## Asset Management & Public Works

PROGRAM:	Parks
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PROJECT NAME:	Natural Areas Acquisition & Conservation
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07-28-5390

Total Project Cost /Timing (in \$000's)

Completion Year:	2016	Total Project Costs:	\$14,755	Expenditures Beyond CPP Period:	\$14,127
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Last Updated: 15-SEP-2010

04-28-5668

Focus: Enhance social connectedness for all citizens

Project Cost Breakdown		
Consulting	\$	242
	\$	242



## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Terwillegar Park Development-Road

09-28-5668

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	1,500	-	-	-	-	1,500
Change	-	-	-	-	-	-	-
Revised Budget	-	1,500	-	-	-	-	1,500

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	1,500	-	-	-	-	1,500
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	1,500	-	-	-	-	1,500
Total Financing	-		-	1,500	-	-	-	-	1,500

## Description

This program will fund the design and construction of the entrance road to Terwillegar Park, and is funded through MSI.

## Justification

This park will provide citizens recreational opportunities to a significant portion of the River Valley. Terwillegar Park has been identified in the Ribbon of Green as a major focal point and is part of the City's commitment to preserve, protect and enhance the Capital City River Valley Park system.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown  
Design & Construction \$ 1,500

Last Updated: 14-APR-2010

\$ 1,500

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Hollick-Kenyon School Parks Site Acq

07-28-5680

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	360	-	-	-	360
Change	-	-	-	-	-	-	-
Revised Budget	-	-	360	-	-	-	360

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	360	-	-	-	360
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	-	360	-	-	-	360
Total Financing	-		-	-	360	-	-	-	360

## Description

This program will complete a Land Exchange Agreement with a developer to ensure that the Hollick-Kenyon School/Park site will be assembled according to the Neighbourhood Structure Plan, meeting both the parks and school needs for this northeast Edmonton neighbourhood. The agreement includes both the City and developer equaling sharing the cost of arterial roadway development for a defined length of 54 Street adjacent to parkland on both the east and west sides.

## Justification

Parkland acquisition ensures adequate open space is provided within the City to meet the long-term needs of residents. Purchases are required to facilitate timely parks development and protect long term development.

Plan Edmonton - Planned Growth

Service Challenge - Meeting the needs of a growing city

Department Business Plan - develop a parks and open space system plan for the City of Edmonton

Council Priorities - Vibrant neighbourhoods and a dynamic downtown, Safe community and Quality physical environment.

Source of Estimates Preliminary Design: +/- 30%

## Project Cost Breakdown

Land \$ 360

Last Updated: 01-MAR-2010

\$ 360

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)															
PROGRAM:		Parks															
PROJECT NAME:		Planning Studies/Design						07-28-5761									
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Brenneis L.											
Outcome:		Improve Edmonton's Livability				Focus: Enhance social connectedness for all citizens											
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total									
Budget as Approved		103	59	-	-	-	-	162									
Change		-	-	-	-	-	-	-									
Revised Budget		103	59	-	-	-	-	162									
FUNDING EARMARKED FOR FUTURE EXPENDITURES																	
Existing Plan Expenditures		-	-	-	-	-	-	-									
Change		-	-	-	-	-	-	-									
Revised Expenditures		-	-	-	-	-	-	-									
TOTAL CAPITAL EXPENDITURE PLAN		103	59	-	-	-	-	162									
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total								
Financing																	
General Financing	-		103	59	-	-	-	-	162								
Total Financing	-		103	59	-	-	-	-	162								
<b>Description</b> This program will fund the studies needed to identify, define, and document project concepts and submissions to the Capital Priorities Plan. These studies will help to refine projects at the Concept Phase to include: problem/needs assessments; business case analysis; stakeholder input; exploration of partnership funding; conceptual design and cost estimating. Preliminary and detailed design are also part of this program for smaller projects identified for future budget approval (excludes major single capital projects). The program will focus on the highest priority projects to accommodate growth, demand capacity and functionality issues, and improvements to the existing network of Parks and Community Services infrastructure.																	
<b>Justification</b> Conceptual planning is a key component in the planning and implementation of Community Services Department projects as identified in City Policy A1424 "Project Management for Projects". These studies must be completed in advance of projects entering into the CPP to insure project information is reliable and the project benefits are demonstratable. Preliminary and detailed designs are necessary for project implementation and construction to meet anticipated timelines once budget approval has been obtained. Council Initiatives: Vibrant Neighbourhoods, Safe Community - Child Friendly City, Quality Physical Environment Service Challenge: Meeting the needs of a growing city.																	
Source of Estimates      Conceptual: +/- 50%																	
Total Project Cost /Timing (in \$000's)																	
Completion Year: 2016		Total Project Costs: \$2,947		Expenditures Beyond CPP Period:				\$2,785									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Project Cost Breakdown</td> </tr> <tr> <td>Studies</td> <td style="text-align: right;">\$ 162</td> </tr> <tr> <td colspan="2" style="height: 50px;"></td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 162</td> </tr> </table>										Project Cost Breakdown		Studies	\$ 162			\$ 162	
Project Cost Breakdown																	
Studies	\$ 162																
\$ 162																	
Last Updated: 14-APR-2010																	

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Leger Site: Roadway, Servicing &amp; Dev.

07-28-5765

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	9,896	292	1,482	-	-	-	11,670
Change	-	-	-	-	-	-	-
Revised Budget	9,896	292	1,482	-	-	-	11,670

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

9,896	292	1,482	-	-	-	11,670
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Operating Surplus (FSR)	-		1,000	-	-	-	-	-	1,000
General Financing	-		4,470	-	-	-	-	-	4,470
Tax-Supported Debt	-		4,426	292	1,482	-	-	-	6,200
Total Financing	-		9,896	292	1,482	-	-	-	11,670

## Description

This project will provide funding for the collector road and services for the 4 hectare collector roadway planned for the Leger site, and for the potential Arterial Roadway Assessments (ARA's) for the 11.3 Ha of land that was originally identified as developer lands on the site. Part of the project is composed of permanent area contributions (pac's) for both AMPW and Transit's contribution to the pac's for the roadway and services on the site, and for AMPW's ARA's that is anticipated to be required.

## Justification

The collector roadway is required to support the public high school. It has been designed to also support the integration of the recreation centre with the public and catholic high school, and will be required for recreation centre construction. Council Initiative; Vibrant Neighbourhood, Safe Community, Sport and Recreation Opportunities, Traffic Safety.

## Source of Estimates

Award: +/- 10%

## Change from Previous Approval

#68 - Final lift of asphalt scheduled for 2011, and lack of availability of internal resources.

## Project Cost Breakdown

Construction \$ 11,670

Last Updated: 17-NOV-2010

\$ 11,670

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: EMRF-Mechanical,Elect.&amp; Envelope Upgrade

07-28-5990

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Brenneis L.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3	46	-	-	-	-	49
Change	-	-	-	-	-	-	-
Revised Budget	3	46	-	-	-	-	49

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL

EXPENDITURE PLAN

3	46	-	-	-	-	49
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		3	46	-	-	-	-	49
Total Financing	-		3	46	-	-	-	-	49

## Description

This project captures the range of energy conservation greenhouse gas reduction projects to be funded from the Energy Management Revolving Fund (EMRF). The borrowing limit of the EMRF is \$30 million. Departments use utility cost savings to repay the borrowed retrofit loan plus interest.

The EMRF 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 EMRF Project Review Committee and the Environmental Policy Coordinating Committee (EPCC) to ensure that feasibility, required payback and CO2 reductions are met.

The Provincial "ME(Municipal Energy) first" energy efficiency assistance program will be accessed for interest free loans for the first 5 years for EMRF projects. Any interest beyond the five years will be the City's responsibility. Up to \$20M of the \$30M EMRF projects could be eligible for the "ME first" funding.

Approved for 2006 ME First! program for Parks is \$49k for the Westwood Central Services Yard.

## 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

## Project Cost Breakdown

Construction	\$	49
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Last Updated: 14-APR-2010

\$	49
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## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: EMRF-Mechanical,Elect.&amp; Envelope Upgrade

07-28-5990

recommended increase has no impact on the tax levy.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 14-APR-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)												
PROGRAM: Parks														
PROJECT NAME: NPDP/Outdoor Aquatic Amenities - NEW		09-28-7001												
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Brenneis L.												
Outcome: Improve Edmonton's Livability		Focus: Improve community engagement & participation												
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>						
Budget as Approved		1,789	2,140	2,095	2,200	-	-	8,224						
Change		-	-	-	-	-	-	-						
Revised Budget		1,789	2,140	2,095	2,200	-	-	8,224						
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>														
Existing Plan Expenditures		-	-	-	1,933	1,954	1,975	5,862						
Change		-	-	-	-	-	-	-						
Revised Expenditures		-	-	-	1,933	1,954	1,975	5,862						
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>1,789</b>	<b>2,140</b>	<b>2,095</b>	<b>4,133</b>	<b>1,954</b>	<b>1,975</b>	<b>14,086</b>						
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>						
General Financing	-	1,106	793	1,495	833	854	875	5,956						
Partnership Funding	-	252	750	600	-	-	-	1,602						
Munc Sustain. Initiative - MSI	-	-	-	-	3,300	1,100	1,100	5,500						
Funds-in-Lieu Reserve	-	431	597	-	-	-	-	1,028						
<b>Total Financing</b>	<b>-</b>	<b>1,789</b>	<b>2,140</b>	<b>2,095</b>	<b>4,133</b>	<b>1,954</b>	<b>1,975</b>	<b>14,086</b>						
<b>Description</b> This program provides funding to match community group contributions under the Neighbourhood Park Development Program (NPDP) and Outdoor Aquatic Amenities Program for new construction. Community 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 as identified in the Outdoor Aquatic Strategy. Maximum funding is described under each program based on a matching partnership basis. The program will also provide the opportunity for communities to cost share on making their sites accessible and safe for all users. The City provides required infrastructure work to support park development. Note: MSI funding is subject to project eligibility.														
<b>Justification</b> 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.														
Source of Estimates		Conceptual: +/- 50%												
<b>Total Project Cost /Timing (in \$000's)</b> Completion Year: 2016      Total Project Costs: \$10,585      Expenditures Beyond CPP Period: -\$3,501														
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><b>Project Cost Breakdown</b></td> </tr> <tr> <td>Design</td> <td style="text-align: right;">\$ 337</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">7,887</td> </tr> </table>							<b>Project Cost Breakdown</b>		Design	\$ 337	Construction	7,887
<b>Project Cost Breakdown</b>														
Design	\$ 337													
Construction	7,887													
Last Updated: 15-SEP-2010		\$ 8,224												

COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities - NEW

09-28-7001

Impact on Operations	2010	2011	2012	2013	2014
Parks Maintenance Costs	27	31	32	-	-
Tree Maintenance Costs	27	31	32	-	-
Total Impact	54	62	64	-	-

Last Updated: 15-SEP-2010



COMPOSITE		Asset Management & Public Works (thousands of dollars)																
PROGRAM:		Parks																
PROJECT NAME:		NPDP/Outdoor Aquatic Amenities-Redevelop					09-28-8001											
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Brenneis L.												
Outcome:		Improve Edmonton's Livability				Focus: Improve community engagement & participation												
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		2,540	5,431	5,392	206	-	-	13,569										
Change		-	-	-	-	-	-	-										
Revised Budget		2,540	5,431	5,392	206	-	-	13,569										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	3,732	4,932	3,932	12,596										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	3,732	4,932	3,932	12,596										
TOTAL CAPITAL EXPENDITURE PLAN		2,540	5,431	5,392	3,938	4,932	3,932	26,165										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
General Financing	-	903	890	2,464	650	650	650	6,207										
Parkland Purchase Reserve	-	-	1,564	-	-	-	-	1,564										
Other Grants - Provincial	-	137	-	-	-	-	-	137										
Partnership Funding	-	553	971	800	100	100	100	2,624										
Funds-in-Lieu Reserve	-	947	-	-	-	-	-	947										
Munc Sustain. Initiative - MSI	-	-	2,006	2,128	3,188	4,182	3,182	14,686										
Total Financing	-	2,540	5,431	5,392	3,938	4,932	3,932	26,165										
Description																		
<p>This program provides funding to match community group contributions under the Neighbourhood Park Development Program (NPDP) and Outdoor Aquatic Amenities Program for the renewal of neighbourhood park amenities. Community groups can participate in the renewal and redevelopment of existing park amenities such as trees, walks, lighting, benches and playground equipment and outdoor aquatic amenities when existing parks features and amenities and structures are not economically viable for extended rehabilitation. Old structures and features will be replaced with new equipment or technologies while retaining the useful components of the park's features or assets. Maximum funding is described under each program based on a matching partnership basis.</p> <p>Note: MSI funding is subject to project eligibility.</p>																		
Justification																		
<p>The natural life cycle park features is often reached after 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</p>																		
<table><tr><td colspan="2">Project Cost Breakdown</td></tr><tr><td>Design</td><td>\$ 1,253</td></tr><tr><td>Construction</td><td>10,752</td></tr><tr><td colspan="2"></td></tr><tr><td></td><td>\$ 12,005</td></tr></table>									Project Cost Breakdown		Design	\$ 1,253	Construction	10,752				\$ 12,005
Project Cost Breakdown																		
Design	\$ 1,253																	
Construction	10,752																	
	\$ 12,005																	
Last Updated:		17-NOV-2010																

## COMPOSITE

## Asset Management &amp; Public Works

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities-Redevelop

09-28-8001

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.

Source of Estimates Detailed Design: +/- 20%

## Change from Previous Approval

#68 - Progressing ahead of original schedule for Kinsman, Jackie Parker and Callingwood Park projects.

#67 - transfer budget fr 09-28-0002 to match where the actual charges are linked.

## Impact on Operations

	2010	2011	2012	2013	2014
Parks Maintenance Costs	13	14	20	-	-
Total Impact	13	14	20	-	-

Last Updated: 17-NOV-2010



COMPOSITE		Asset Management & Public Works (thousands of dollars)							
PROGRAM:		Parks							
PROJECT NAME:		Parks/Sportsfields Renewal							09-28-9001
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Brenneis L.			
Outcome:		Improve Edmonton's Livability				Focus: Enhance social connectedness for all citizens			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		2,150	2,854	4,872	3,088	-	-	12,964	
Change		-	-	-	-	-	-	-	
Revised Budget		2,150	2,854	4,872	3,088	-	-	12,964	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	3,929	3,540	3,613	11,082	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	3,929	3,540	3,613	11,082	
TOTAL CAPITAL EXPENDITURE PLAN		2,150	2,854	4,872	7,017	3,540	3,613	24,046	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Financial Stabilization Resrv.	-	838	-	-	-	-	-	838	
Other Grants - Provincial	-	172	228	200	400	400	400	1,800	
General Financing	-	1,140	2,551	4,672	2,467	2,525	2,585	15,940	
Partnership Funding	-	-	35	-	-	-	-	35	
Munc Sustain. Initiative - MSI	-	-	-	-	4,150	615	628	5,393	
Funds-in-Lieu Reserve	-	-	40	-	-	-	-	40	
Total Financing	-	2,150	2,854	4,872	7,017	3,540	3,613	24,046	
Description									
<p>This program provides funds for the renewal/refurbishment to existing City owned park amenities and redevelops sportsfields. Under the Parks Renewal Program projects include replacement of park fencing, landscape renewal, drainage repairs, repairs to ponds and ornamental fountains, planters, repairs to trails and retaining walls, tennis court refurbishment, irrigation system replacement, disabled access retrofits, replacement of park amenities and park signage. The Sportsfield Program provides funding to repair and realign existing neighbourhood and district sportsfields. This restores fields to acceptable standards for continued maintenance and increases the number of sports fields in the City's booking system. The type of work undertaken includes regrading, re-sodding, resolving drainage problems and relocating goal posts and backstops, irrigation upgrades and new irrigation installations to sportsfields. Note: MSI funding is subject to project eligibility.</p>									
Justification									
<p>Repairs/refurbishment projects undertaken within this program extend the life of existing capital assets and improve the usability of parks. Majority of the work preformed is to correct unsafe site conditions and bring park amenities up to code requirements. Disabled access retrofits provided under this program permits an opportunity for disabled users to either gain access to a site/amenity and/or</p>									
					<div>Project Cost Breakdown</div> <div>Design &amp; Construction \$ 12,063</div> <div>Design 801</div>				
Last Updated:		17-NOV-2010			\$ 12,864				

COMPOSITE	Asset Management & Public Works								
PROGRAM:	Parks								
PROJECT NAME:	Parks/Sportsfields Renewal	09-28-9001							
<p>allows the individual to participate in an activity. If left undone, park amenities would be forced to be removed and/or put out of service; annual operating costs will increase to perform on-going minor repairs in order to keep the amenity functional. Citizens using the parks will experience amenities not in good repair or perhaps removed resulting in dissatisfaction and lower attendance within the park system.</p> <p>Renewal is required to keep existing sportsfields in a safe, playable condition and to prevent additional deterioration and increased costs resulting from insufficient maintenance. Community and sportsfield user expectations for better quality fields will be provided by using this program to upgrade these sites to meet current standards for play and to meet the deficiencies of larger rectangular fields and ball diamonds outlined in the Long Term Sportsfield Strategy.</p> <p>Source of Estimates                      Conceptual: +/-    50%</p> <p>Change from Previous Approval</p> <p>#60 - Transfer \$100 to 11-28-9605 for internal council-based projects to respond to the need for minor amenity improvements.</p> <p>#68 - Lack of available internal resources.</p> <p>Total Project Cost /Timing (in \$000's)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Completion Year:</td> <td style="width: 10%;">2016</td> <td style="width: 20%;">Total Project Costs:</td> <td style="width: 20%;">\$22,549</td> <td style="width: 20%;">Expenditures Beyond CPP Period:</td> <td style="width: 10%;">-\$1,497</td> </tr> </table>				Completion Year:	2016	Total Project Costs:	\$22,549	Expenditures Beyond CPP Period:	-\$1,497
Completion Year:	2016	Total Project Costs:	\$22,549	Expenditures Beyond CPP Period:	-\$1,497				
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Last Updated:            17-NOV-2010 </div>									

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM:		Parks							
PROJECT NAME:		Planning Studies/Design						09-28-9601	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Brenneis L.			
Outcome:		Improve Edmonton's Livability				Focus: Enhance social connectedness for all citizens			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Budget		-	-	-	-	-	-	-	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	324	332	340	996	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	324	332	340	996	
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	324	332	340	996	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing	-	-	-	-	324	332	340	996	
Total Financing	-	-	-	-	324	332	340	996	
<b>Description</b> This program will fund the studies needed to identify, define, and plan programs and project submissions to the Capital Priorities Plan. These studies will help address initiatives in the Urban Parks Management Plan, and to complete problem/needs assessments, policy review and analysis, evaluation and monitoring studies, partnership funding studies, feasibility/conceptual design and cost estimating. The profile will focus on the highest priority projects to accommodate growth, demand capacity and functionality issues, and improvements to the existing network of Parks, Public Open Spaces and Parks/Recreation Facilities Infrastructure.									
<b>Justification</b> These studies must be completed in advance of projects entering into the CPP to insure project information is reliable and the project benefits and outcomes are measurable.									
Source of Estimates		Conceptual: +/- 50%							
<b>Change from Previous Approval</b> #67 - Transfer funding for studies/design to 09-28-1001 to where the projects will be established.									
					Project Cost Breakdown Studies \$ 472				
Last Updated: 26-NOV-2010					\$ 472				

COMPOSITE		Drainage Services (thousands of dollars)							
PROGRAM:		Land Drainage							
PROJECT NAME:		Environmental Improvements					09-31-0600		
Group-Criteria:		A-130 Projects Required To Meet Commitments				Project Manager: Hodgson J.			
Outcome:		Preserve & Sustain Edmonton's Environment				Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		807	758	806	-	-	-	2,371	
Change		-	-	(25)	-	-	-	(25)	
Revised Budget		807	758	781	-	-	-	2,346	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	822	889	856	2,567	
Change		-	-	-	(18)	(53)	22	(49)	
Revised Expenditures		-	-	-	804	836	878	2,518	
TOTAL CAPITAL EXPENDITURE PLAN		807	758	781	804	836	878	4,864	
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	(25)		807	758	781	804	836	878	4,864
Total Financing	(25)		807	758	781	804	836	878	4,864
Description									
This project consists of the Interconnection Control Strategy and Overland Drainage.									
The Interconnection Control Strategy is one of the three major components in the CSO Control Strategy which was approved by Transportation and Public Works Committee on March 14, 2000. The other initiatives are included in projects 09-23-9702, 05-23-2160 and 06-23-5415. This project will improve the water quality in the North Saskatchewan River through controlling sewer interconnections city wide. Measures undertaken to identify the needed environmental improvements include flow monitoring, investigations and assessments of any negative impacts, the level of service, and the risk of flooding. Improvement alternatives are developed and implemented. This project will have no operating impact. This project is funded by both Sanitary and Land Drainage.									
The Overland Drainage project improves the environment by the design and construction of storm drainage works for correction of flooding and erosion problems caused by overland flows. Erosion and flooding are a hazard to the public and may cause property damage. This project will not have any operating impact. Forty drainage complaint locations have been identified for investigation and implementation if necessary, in 2010.									
Justification									
The implementation of the Interconnection Control 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.									
Surface flooding and erosion due to overland flow from rainfall or snow melt creates conditions hazardous to the public through direct flooding, traffic impacts (street inundation and route blockage) and erosion resulting in structural damage.									
Project Cost Breakdown									
Construction \$ 1,875									
Design 471									
Last Updated:		25-NOV-2010		\$ 2,346					

COMPOSITE

## Drainage Services

PROGRAM:	Land Drainage
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PROJECT NAME:	Environmental Improvements
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09-31-0600

Source of Estimates	Preliminary Design: +/- 30%
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Last Updated: 25-NOV-2010



## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Mill Creek Storm Improvements

06-31-4210

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,065	2,291	-	-	-	-	4,356
Change	-	-	(2,000)	-	-	-	(2,000)
Revised Budget	2,065	2,291	(2,000)	-	-	-	2,356

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,065	2,291	(2,000)	-	-	-	2,356
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	-	233	180	-	-	-	-	413
Self-Liquid. Debent.-Land Drg	(2,000)	1,832	2,111	(2,000)	-	-	-	1,943
Total Financing	(2,000)	2,065	2,291	(2,000)	-	-	-	2,356

## Description

This project addresses hydraulic constraints to the storm water system at two locations along Mill Creek. The first location is where Mill Creek crosses 51 Avenue. The second location is where Mill Creek crosses Whitemud Drive. The existing capacity of the culvert is insufficient to provide an acceptable level of storm drainage service. The project will examine options such as twinning the culverts, upstream storage, berm construction, and orifice installation.

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.

## Justification

The 1994 Mill Creek, Fulton Creek, and Gold Bar Creek Watershed Plan report, as well as various stormwater drainage studies, identified the need to upgrade the Mill Creek culvert at Whitemud Drive and 51 Avenue. This project will upgrade the existing level of service for the storm drainage system in the Mill Creek Watershed. It will allow for further development in this area of Edmonton. This project is in support of the Industrial Land Strategy.

## Schedule

Design - 2006

Construction - 2007 to 2010

Source of Estimates Award: +/- 10%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$2,356

Expenditures Beyond CPP Period:

## Project Cost Breakdown

Design	\$ 295
Construction	2,061

Last Updated: 24-NOV-2010

\$ 2,356

## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Kennedale and Pylypow Wetlands

07-31-4304

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10,997	5,346	71	-	-	-	16,414
Change	-	-	(1,680)	26	-	-	(1,654)
Revised Budget	10,997	5,346	(1,609)	26	-	-	14,760

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	10,997	5,346	(1,609)	26	-	-	14,760
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
CAMRIF - Federal Portion	-	2,882	111	7	-	-	-	3,000
Drainage Retain Earnings	(1,654)	5,233	4,859	(1,623)	26	-	-	8,495
CAMRIF - Provincial Portion	-	2,882	111	7	-	-	-	3,000
Developer Financing	-	-	265	-	-	-	-	265
Total Financing	(1,654)	10,997	5,346	(1,609)	26	-	-	14,760

## Description

\$6 million of this project is to be funded by the Canada-Alberta Municipal Fund (CAMRIF) program (50% Province of Alberta and 50% Federal). CAMRIF funding was conditionally approved on March 6, 2007 and the CAMRIF Contribution Fund Agreement was signed on March 5, 2008.

The Kennedale Wetland is located in northeast Edmonton on City property, adjacent to the existing storm outfall by Hermitage Park. The purpose of the project is to reduce the amount of pollutants being discharged to the North Saskatchewan River from the 7,250 hectare Kennedale storm basin. A portion of the storm flows will be diverted into the wetland and into oil/grit separators and discharged back into the existing outfall to the river. Construction was initiated in August 2008 and completed by December 2009.

The Pylypow Wetland is located in southeast Edmonton, adjacent to Fulton Creek immediately west of 34 street. This facility will provide stormwater storage for about 215 hectares of industrial land. It will also enhance stormwater quality from the industrial basin that currently discharges into the North Saskatchewan River through the Arygyll Tunnel and Mill Creek Tunnel. The main purpose of this facility is to control flows to the downstream system & reduce the risk of flooding and erosion along Mill Creek. The site is a source of borrow material (clay fill) for the roadway improvement of 23rd Avenue and Gateway Blvd. Drainage Services' portion of the project followed after borrow operations were completed with completion by Fall 2010.

This project will have no operating impact.

## Project Cost Breakdown

Design	\$	3,655
Construction		11,105

Last Updated: 24-NOV-2010

\$ 14,760

## Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: Kennedale and Pylypow Wetlands

07-31-4304

### Justification

The Kennedale Wetland supports Plan Edmonton's Infrastructure Development and Maintenance Responsibility Area. Annual watershed monitoring programs have consistently shown the Kennedale Storm Basin to contribute a significant amount of pollutants to the North Saskatchewan River, and a recent consultant review of conceptual stormwater quality improvement concepts has determined the most cost effective and practical treatment method within the Kennedale Storm Basin is an end-of-pipe wetland.

The Pylypow Wetland supports Plan Edmonton's Infrastructure Development and Maintenance Responsibility Area through protection of the natural environment. The wetland will also address regional and local storm water management needs by providing adequate storage capacity adjacent to Fulton Creek.

Source of Estimates Award: +/- 10%

### Total Project Cost /Timing (in \$000's)

Completion Year: 2012      Total Project Costs: \$14,760      Expenditures Beyond CPP Period:

Last Updated: 24-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Review/Inspect Developer Built Sewers		09-31-7199						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		427	547	514	-	-	-	1,488
Change		-	-	(137)	-	-	-	(137)
Revised Budget		427	547	377	-	-	-	1,351
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	540	566	596	1,702
Change		-	-	-	(52)	(55)	(57)	(164)
Revised Expenditures		-	-	-	488	511	539	1,538
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		427	547	377	488	511	539	2,889
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	(257)	-	487	-	243	255	269	1,254
Developer Financing	120	427	60	377	245	256	270	1,635
Total Financing	(137)	427	547	377	488	511	539	2,889
<b>Description</b> 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 no operating impact.								
<b>Justification</b> 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 longterm operation and maintenance.								
<b>Source of Estimates</b> Preliminary Design: +/- 30%								
					<b>Project Cost Breakdown</b> Technical Services      \$      1,351			
Last Updated: 25-NOV-2010					\$      1,351			

## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Mill Woods Double Barrel Replac/SESS SA1

08-31-9202

Group-Criteria: B-145 Maintenance/Upgrade Projects

Project Manager: Ward C.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	11,971	3,921	4,078	620	20,590
Revised Budget	-	-	11,971	3,921	4,078	620	20,590

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquid. Debent.-Land Drg	20,070		-	-	11,451	3,921	4,078	620	20,070
Drainage Retain Earnings	520		-	-	520	-	-	-	520
Total Financing	20,590		-	-	11,971	3,921	4,078	620	20,590

## Description

This project includes the design and construction of major offsite sanitary trunks to support anticipated development in south Edmonton and major storm trunks for flood relief in Mill Woods. City Council approved the Sanitary Servicing Strategy for the 21st Century on July 21, 1998. Under this strategy, major sanitary trunks will be constructed to support growth in suburban areas. 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 project 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.

This project will have no operating impact.

## Justification

Construction of these major trunk sewers is in support of development in south Edmonton and flood relief in Mill Woods. Should these sewers not be constructed, sanitary servicing will not be available to support development growth in the City. In addition, the Mill Woods area would not receive adequate flood protection. This could result in shifting of growth, and possibly moving development to surrounding communities.

Source of Estimates Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2014 Total Project Costs: \$20,590 Expenditures Beyond CPP Period:

## Project Cost Breakdown

Design	\$	855
Construction		19,735

Last Updated: 25-NOV-2010

\$	20,590
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## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: WESS W12

04-31-9302

Group-Criteria: B-145 Maintenance/Upgrade Projects

Project Manager: Ward C.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	8,497	2,951	-	-	11,448
Revised Budget	-	-	8,497	2,951	-	-	11,448

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	8,497	2,951	-	-	11,448
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	193	-	-	193	-	-	-	193
Self-Liquid. Debent.-Land Drg	11,255	-	-	8,304	2,951	-	-	11,255
Total Financing	11,448	-	-	8,497	2,951	-	-	11,448

## 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 McNally school. This project also includes installation of Real Time Control(RTC) works near Jasper Ave. and 85 Street, flow control works near the Hardisty CSO structure, modifications to 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 WESS Stage 12 project is supported by two programs - The CSO Control Strategy and the Sanitary Servicing Strategy. 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 within this CPP.

## 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.

## Project Cost Breakdown

Construction	\$	7,098
Design		4,350

Last Updated: 25-NOV-2010

\$ 11,448

## Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: WESS W12

04-31-9302

SCHEDULE: Design - 2004 to 2005  
Tunnel Construction - 2005 to 2008  
RTC works, Hardisty works, Capilano Pk MH's and SHI works  
construction - 2006 to 2012

Total Project Cost /Timing (in \$000's)

Completion Year: 2012 Total Project Costs: \$11,448 Expenditures Beyond CPP Period:

Last Updated: 25-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Facility Rehabilitation		09-31-9502						
Group-Criteria: D-140 Maintenance/Rehabilitation Projects		Project Manager: Ward C.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		-	-	-	-	-	-	-
Change		-	-	129	-	-	-	129
Revised Budget		-	-	129	-	-	-	129
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	-	-	-	-
Change		-	-	-	40	42	44	126
Revised Expenditures		-	-	-	40	42	44	126
TOTAL CAPITAL EXPENDITURE PLAN		-	-	129	40	42	44	255
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	129	-	-	129	40	42	44	255
Total Financing	129	-	-	129	40	42	44	255
<b>Description</b> This project involves the rehabilitation of equipment that will support present and future Drainage Services needs and ensure an adequate level of customer service is maintained.  This project provides for the replacement of obsolete or worn out engineering plotters and photocopiers. Key expenditures include:  - 1 wide format colour plotter (3 year replacement cycle - next replacement 2011) - 1 smaller format colour plotter (3 year replacement cycle - next replacement 2011)  This project also replaces office systems including record management equipment, boardroom and office equipment and furnishings as they become obsolete. Key expenditures in this area include:  - Filing systems to improve space utilisation and replace unsafe systems - Office changes to accomodate staff changes.  This project will have no operating impact.								
<b>Justification</b> Basic, cost-effective 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.								
Last Updated: 19-NOV-2010		Project Cost Breakdown Other \$ 129						
		\$ 129						



COMPOSITE

## Drainage Services

PROGRAM:	Land Drainage
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PROJECT NAME:	Facility Rehabilitation
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09-31-9502

Last Updated: 19-NOV-2010

COMPOSITE

Drainage Services

(thousands of dollars)

PROGRAM:

Land Drainage

PROJECT NAME:

Structures Rehabilitation

09-31-9503

Group-Criteria:

A-100 Projects With Budget Approval

Project Manager:

Hodgson J.

Outcome:

Preserve & Sustain Edmonton's Environment

Focus:

Improve air, water, soil quality (city operations)

BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		2,537	6,933	2,615	-	-	-	12,085
Change		-	-	672	-	-	-	672
Revised Budget		2,537	6,933	3,287	-	-	-	12,757

FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures		-	-	-	1,561	1,576	1,622	4,759
Change		-	-	-	94	126	162	382
Revised Expenditures		-	-	-	1,655	1,702	1,784	5,141

TOTAL CAPITAL EXPENDITURE PLAN

		2,537	6,933	3,287	1,655	1,702	1,784	17,898
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Alberta Disaster Relief Progra	-		2,262	-	-	-	-	-	2,262
Drainage Retain Earnings	16		-	480	216	-	-	-	696
Self-Liquid. Debent.-Land Drg	656		275	6,453	3,071	1,655	1,702	1,784	14,940
Total Financing	672		2,537	6,933	3,287	1,655	1,702	1,784	17,898

Description

This project ensures an acceptable level of service is maintained in various components of drainage infrastructure. It involves the investigation, design and rehabilitation of existing structures such as pump stations, trunk sewers, and outfalls. It also addresses the issue of collection system odours and the systems to mitigate these odours. Projects are located throughout the city.

Rehabilitation works are identified through investigation and are prioritized according to the condition of the sewers, outfalls, pump stations or the degree of odour complaints in the area. This project is funded by both Sanitary and Land Drainage. 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.

Justification

To protect persons and property from injury and damage due to basement flooding, street flooding, or roadway subsidence and provide continuous rehabilitation of aging sewer infrastructure. Economic analysis shows that improvements in the performance of existing facilities can often defer expenditures of capital on new facilities and reduce operating costs.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

Design

\$ 765

Construction

11,992

Last Updated:

25-NOV-2010

\$ 12,757

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Land Drainage							
PROJECT NAME:		Sewer Rehabilitation						09-31-9504	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Hodgson J.			
Outcome:		Preserve & Sustain Edmonton's Environment				Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		4,455	2,653	3,558	-	-	-	10,666	
Change		-	-	6,021	-	-	-	6,021	
Revised Budget		4,455	2,653	9,579	-	-	-	16,687	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	2,048	2,177	2,165	6,390	
Change		-	-	-	4,344	4,471	4,815	13,630	
Revised Expenditures		-	-	-	6,392	6,648	6,980	20,020	
TOTAL CAPITAL EXPENDITURE PLAN		4,455	2,653	9,579	6,392	6,648	6,980	36,707	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Self-Liquid. Debent.-Land Drg	754	2,066	1,675	2,362	6,392	5,512	6,980	24,987	
Drainage Retain Earnings	5,267	2,389	978	7,217	-	1,136	-	11,720	
Total Financing	6,021	4,455	2,653	9,579	6,392	6,648	6,980	36,707	
<b>Description</b> This project maintains an acceptable level of service and minimizes the risk of sewer infrastructure failure. It includes investigation, design and rehabilitation of existing deteriorated local sewer infrastructure in the combined, sanitary and storm sewer networks. Rehabilitation works are identified through investigation and prioritized according to the condition of the sewers. The highest priority is given to locations requiring emergency response. This project also includes minor rehabilitation of sewer infrastructure within the arterial and collector roadways designated for rehabilitation by the Transportation Department, and Drainage Operations high priority repairs, which are mostly on sewer laterals (service connections) but can include sewer appurtenances. Implementation is done through rehabilitation of individual locations. This project is funded by both Sanitary and Land Drainage. 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.									
<b>Justification</b> This project maintains existing level of service for citizens through the upkeep of the sewer infrastructure by rehabilitation. It further 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 rehabilitation provides a timely and cost effective opportunity for rehabilitation. 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.									
					<b>Project Cost Breakdown</b> Design \$ 1,502 Construction 15,185				
Last Updated:		19-NOV-2010			\$ 16,687				

COMPOSITE

## Drainage Services

PROGRAM:	Land Drainage
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PROJECT NAME:	Sewer Rehabilitation
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09-31-9504

Source of Estimates	Preliminary Design: +/- 30%
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Last Updated: 19-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM: Land Drainage									
PROJECT NAME: Drainage IT Applications		09-31-9507							
Group-Criteria: D-100 Projects With Budget Approval		Project Manager: Hodgson J.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		134	400	165	-	-	-	699	
Change		-	-	464	-	-	-	464	
Revised Budget		134	400	629	-	-	-	1,163	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	174	182	191	547	
Change		-	-	-	369	388	408	1,165	
Revised Expenditures		-	-	-	543	570	599	1,712	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		134	400	629	543	570	599	2,875	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	464		134	400	629	543	570	599	2,875
Total Financing	464		134	400	629	543	570	599	2,875
<b>Description</b> This project consists of: Drainage Systems Replacement - the replacement and minor upgrading of office tools to provide an adequate level of customer service. This project replaces obsolete database applications, improves data integrity, and provides minor enhancements and maintenance of existing applications such as DRAINS, WASS, SHAPES, SLIM, Pipetech, etc. Drainage Systems Acquisition - This project allows Drainage Services to meet increasing demands of providing quality customer service for an expanding network. This project includes various computer applications, conversion of paper records, and miscellaneous control and monitoring equipment purchases. Major projects to integrate systems and to share data will be pursued in the next few years. These will reduce manual work and allow effective communications through mapping and displays. New software to assist in field inspections and track development fees will improve work flow and replace inefficient manual systems. This project is financed by both Sanitary and Land Drainage. This project will have no operating impact.									
<b>Justification</b> Cost-effective 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. Also, new and enhanced systems are required to improve productivity and maintain current levels of service for an expanding network. Improved access to data will improve design. The applications provide efficiencies to limit the impact of the expanding network on operations staff.									
<b>Source of Estimates</b> Preliminary Design: +/- 30%									
<div style="float: right; border: 1px solid black; padding: 5px; width: 200px;"> <b>Project Cost Breakdown</b>            Design \$ 81            Construction 954            Equipment 128              \$ 1,163         </div>									
Last Updated: 19-NOV-2010									

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM: Land Drainage									
PROJECT NAME: Mature Neighbourhood Rehabilitation - Dr		09-31-9510							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Hodgson J.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		19,026	19,627	11,550	-	-	-	50,203	
Change		-	-	12,925	-	-	-	12,925	
Revised Budget		19,026	19,627	24,475	-	-	-	63,128	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	8,824	9,062	9,086	26,972	
Change		-	-	-	10,726	13,887	16,115	40,728	
Revised Expenditures		-	-	-	19,550	22,949	25,201	67,700	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>19,026</b>	<b>19,627</b>	<b>24,475</b>	<b>19,550</b>	<b>22,949</b>	<b>25,201</b>	<b>130,828</b>	
<b>Financing</b>	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Drainage Retain Earnings	4,322		33	1,483	5,246	858	-	-	7,620
AMIP	-		16,293	-	-	-	-	-	16,293
Self-Liquid. Debent.-Land Drg	8,603		2,700	18,144	19,229	18,692	22,949	25,201	106,915
<b>Total Financing</b>	<b>12,925</b>		<b>19,026</b>	<b>19,627</b>	<b>24,475</b>	<b>19,550</b>	<b>22,949</b>	<b>25,201</b>	<b>130,828</b>
<b>Description</b> This project rehabilitates drainage infrastructure for mature neighbourhoods. It includes investigation, design and rehabilitation of existing deteriorated local sewer infrastructure 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 Roadways Engineering, Transportation department. This project is funded by both Sanitary and Land Drainage. 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.									
<b>Justification</b> This project is to meet City Council's direction for mature neighbourhood rehabilitation in conjunction with Transportation Roadways Engineering Project. Sewer rehabilitation in neighbourhoods with roadway rehabilitation provides a timely and cost effective opportunity for rehabilitation, and minimizes inconvenience to citizens.									
<b>Source of Estimates</b> Detailed Design: +/- 20%									
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Design                      \$            6,314            Construction                      56,814         </div>									
Last Updated: 19-NOV-2010		\$ 63,128							

## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Flood Prevention

07-31-9511

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	32,381	16,398	7,600	790	210	1,900	59,279
Change	-	-	290	-	-	-	290
Revised Budget	32,381	16,398	7,890	790	210	1,900	59,569

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Drainage Retain Earnings	(231)		4,864	332	(231)	-	-	-	4,965
AMIP	-		19,368	9,424	-	-	-	-	28,792
Self-Liquid. Debent.-Land Drg	521		8,149	6,642	8,121	790	210	1,900	25,812
Total Financing	290		32,381	16,398	7,890	790	210	1,900	59,569

## Description

This project will install flood prevention works to the City's sewer systems. The project includes the design and construction of the various flood prevention works. This project is financed by both Sanitary and Land Drainage (which includes AMIP). The useful life of the assets is 25 years or more and the debenture term is 25 years. This project will have minimal operating impact.

## Justification

This project is to meet City Council's direction for Flood Prevention. Implementation of the flood prevention program can help to ensure that an acceptable level of service is provided to Drainage customers and reduce the risk of flooding.

Source of Estimates Detailed Design: +/- 20%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2020      Total Project Costs: \$82,818      Expenditures Beyond CPP Period: \$23,249

## Project Cost Breakdown

Design	\$	29,702
Construction		53,116

Last Updated: 25-NOV-2010

\$ 82,818

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Land Drainage							
PROJECT NAME:		Service Pipes Rehabilitation					09-31-9512		
Group-Criteria:		A-130 Projects Required To Meet Commitments			Project Manager: Ward C.				
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Improve air, water, soil quality (city operations)				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Budget		-	-	-	-	-	-	-	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	50	52	211	313	
Revised Expenditures		-	-	-	50	52	211	313	
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	50	52	211	313	
Financing		Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings		-	-	-	-	50	52	211	313
Total Financing		-	-	-	-	50	52	211	313
<p><b>Description</b></p> <p>This project maintains an acceptable level of service and minimizes the risk of sewer infrastructure failure. It includes investigation and rehabilitation of existing deteriorated sewer services. 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 highest priority is given to locations requiring emergency response. This project will have no operating impact.</p> <p>Projects planned include various high priority sewer service repairs.</p> <p><b>Justification</b></p> <p>This project provides continuous wastewater flow conveyance for citizens through the upkeep of the sewer infrastructure by rehabilitation. It further 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.</p> <p>Timely rehabilitation is 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.</p>									
Last Updated:		25-NOV-2010							



COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Service Connections Expansion		09-31-9513						
Group-Criteria: B-530 Projects To Provide A Minimum Level Of Service - Growth Area		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		890	1,589	1,235	-	-	-	3,714
Change		-	-	401	-	-	-	401
Revised Budget		890	1,589	1,636	-	-	-	4,115
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	1,238	1,251	1,264	3,753
Change		-	-	-	447	501	575	1,523
Revised Expenditures		-	-	-	1,685	1,752	1,839	5,276
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		890	1,589	1,636	1,685	1,752	1,839	9,391
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Developer Financing	337	790	1,429	1,472	1,516	1,577	1,655	8,439
Drainage Retain Earnings	64	100	160	164	169	175	184	952
<b>Total Financing</b>	<b>401</b>	<b>890</b>	<b>1,589</b>	<b>1,636</b>	<b>1,685</b>	<b>1,752</b>	<b>1,839</b>	<b>9,391</b>
<b>Description</b> This project brings new customers into Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as 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. This project will have no operating impact. This project is funded by both Sanitary and Land Drainage, and creates additional revenue and customer base.								
<b>Justification</b> 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 prior local improvement obligations. COST ESTIMATE - Based on historical cost increased for inflation. Actual costs for sewer connections are dependent on the amount of development that occurs.								
Source of Estimates      Award: +/- 10%								
					<b>Project Cost Breakdown</b> Construction      \$      3,827 Design                              288			
Last Updated: 19-NOV-2010					\$ 4,115			

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Downtown Sewer Upgrading		12-31-9516						
Group-Criteria: A-130 Projects Required To Meet Commitments		Project Manager: Ward C.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		-	-	-	-	-	-	-
Change		-	-	-	-	-	-	-
Revised Budget		-	-	-	-	-	-	-
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	-	-	-	-
Change		-	-	-	2,575	2,678	2,812	8,065
Revised Expenditures		-	-	-	2,575	2,678	2,812	8,065
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	2,575	2,678	2,812	8,065
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	-	-	-	-	515	536	12	1,063
Self-Liquid. Debent.-Land Drg	-	-	-	-	2,060	2,142	2,800	7,002
Total Financing	-	-	-	-	2,575	2,678	2,812	8,065
<b>Description</b> Potential infill development and/or redevelopment in the downtown area will generally result in more impervious area, which in turn results in higher storm runoff rates and volumes. Also, the redevelopment will typically be more intensive in terms of occupancy, resulting in proportionally higher sanitary flows per unit area. Although the development of a single, individual infill site may not have a significant impact on the drainage systems, the development of many such individual site will have a cumulative effect, and could exacerbate or create problems on both the sewershed and watershed levels, especially with the increased hydraulic load on the existing sewer system(s).  The estimated cost to service the proposed infill development is \$74 million (2009 dollars) as per the "Sewer and Drainage Servicing Upgrading Plan for Infill Development in Downtown" report (Stantec 2006). The goal of the proposed work is to achieve NO net increase in Combined Sewer Overflow (CSO) due to the infill development and lower the risk of basement flooding due to sewer backup. The servicing scheme will provide level of service for the Downtown area accommodating 1:5 year design storm. The \$74 million servicing work to the sewer system would include the following: (i) partial separation of the combined sewer system in the area north of Jasper Avenue and, (ii) Divert flows to the combined trunk on 100 Avenue by constructing drop shafts (iii) Increase capacity of existing sewers with poor hydraulic performance.  This cost of servicing could be funded by Community Revitalization Levy.								
Last Updated: 26-NOV-2010								

COMPOSITE

## Drainage Services

PROGRAM:	Land Drainage
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PROJECT NAME:	Downtown Sewer Upgrading
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12-31-9516

Last Updated: 26-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Stormwater Infrastructure Expansion		09-31-9604						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		428	2,929	649	-	-	-	4,006
Change		-	-	39	-	-	-	39
Revised Budget		428	2,929	688	-	-	-	4,045
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	158	162	165	485
Change		-	-	-	11	14	20	45
Revised Expenditures		-	-	-	169	176	185	530
TOTAL CAPITAL EXPENDITURE PLAN		428	2,929	688	169	176	185	4,575
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings	-	428	1,067	-	-	-	-	1,495
Developer Financing	9	-	1,218	164	169	176	185	1,912
Self-Liquid. Debent.-Land Drg	30	-	644	524	-	-	-	1,168
Total Financing	39	428	2,929	688	169	176	185	4,575
<b>Description</b> This project addresses the need to increase the capacity of the existing storm drainage system throughout the City, to improve servicing standards, provide flooding relief and promote development in the City by implementing timely and cost effective storm infrastructure. Specific projects identified for the next five years are aimed at increasing stormwater servicing capacity, protection against creek erosion, and flood prevention in the Mill Creek, Fulton Creek and Gold Bar Creek drainage basins in support of the Industrial Land Strategy and specific erosion control projects along Whitemud Creek. This program is linked to Stormwater Infrastructure Expansion (09-31-9610), Stormwater Management Facilities Expansion (03-31-9613) and Stormwater Management Facilities Expansion - Unfunded (09-31-9614). 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.								
<b>Justification</b> Various stormwater drainage and erosion studies have identified the need to upgrade or expand the storm drainage system at a number of locations throughout the City. In some areas, existing capacity has been exceeded to the point where flooding of public and private property has occurred at service levels below current City Standards. Surface flooding, inadequate storm system capacity, and erosion caused by overland flows from rainfall, creek erosion and snowmelt may create hazardous conditions; it may result in personal injury, property damage and negative environmental impacts. The structural integrity of roadways and buildings could also be compromised by a sub-standard storm drainage system.								
<div> Project Cost Breakdown  Design \$ 283  Construction 3,762 </div>								
Last Updated: 19-NOV-2010		\$ 4,045						

COMPOSITE

## Drainage Services

PROGRAM:	Land Drainage
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PROJECT NAME:	Stormwater Infrastructure Expansion
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09-31-9604

Source of Estimates

Detailed Design: +/- 20%

Last Updated: 19-NOV-2010

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)						
PROGRAM: Land Drainage								
PROJECT NAME: Local Improvement Sewers		09-31-9608						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Hodgson J.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Improve air, water, soil quality (city operations)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		2,491	19,849	4,017	-	-	-	26,357
Change		-	-	(7,786)	-	-	-	(7,786)
Revised Budget		2,491	19,849	(3,769)	-	-	-	18,571
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	2,111	2,153	2,197	6,461
Change		-	-	-	2,651	1,124	596	4,371
Revised Expenditures		-	-	-	4,762	3,277	2,793	10,832
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		2,491	19,849	(3,769)	4,762	3,277	2,793	29,403
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Local Improvements Prop. Share	(7,777)	2,491	19,839	(3,760)	4,762	3,277	2,793	29,402
Drainage Retain Earnings	(9)	-	10	(9)	-	-	-	1
<b>Total Financing</b>	<b>(7,786)</b>	2,491	19,849	(3,769)	4,762	3,277	2,793	29,403
<b>Description</b> This project brings new customers into Drainage Services Systems. It will ensure that future sewers are appropriately constructed prior to acceptance as 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, dependent on owner petitions. This project will have no operating impact. This project will be funded by both Sanitary and Land Drainage, and creates additional revenue and customer base.								
<b>Justification</b> 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 local improvement bylaw authorizations. COST ESTIMATE - Based on historical cost increased for inflation. Actual costs for sewer connections are dependent on the amount of development that occurs.								
<b>Source of Estimates</b> Detailed Design: +/- 20%								
					<b>Project Cost Breakdown</b> Design                      \$            1,299 Construction                                      17,272			
Last Updated: 19-NOV-2010					\$ 18,571			

## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Mgmt Facilities Expansion

03-31-9613

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	4,773	4,134	4,320	1,000	1,000	1,000	16,227
Change	-	-	-	4,350	7,350	6,350	18,050
Revised Budget	4,773	4,134	4,320	5,350	8,350	7,350	34,277

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

4,773	4,134	4,320	5,350	8,350	7,350	34,277
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		251	-	-	-	-	-	251
Self-Liquid. Debent.-Land Drg	18,050		-	-	-	4,350	7,350	6,350	18,050
Drainage Retain Earnings	-		300	1,319	3,270	100	100	100	5,189
Developer Financing	-		-	50	-	-	-	-	50
Self-Liquidating Debentures	-		4,222	2,765	1,050	900	900	900	10,737
Total Financing	18,050		4,773	4,134	4,320	5,350	8,350	7,350	34,277

## Description

This program upgrades the existing storm drainage system throughout the City and expands the existing system to service new development areas. The program implements the required works to the City's storm drainage system and upgrades to current servicing standards, provides flooding relief and promotes development in the City by implementing timely and cost effective storm infrastructures. The estimated useful life of the assets is expected to be 25 years or more and the debenture term is 25 years. The program is linked to projects 09-31-9604 and 07-31-4304.

The program consists of the design and construction of the Maple Ridge Diversion Channel connecting to Elmjay Wetland located at 76 Ave./east of 17 St., the Pylypow Wetland at Fulton Creek located approximately 42 St./63 Ave., and the design of Morris Pond at Gold Bar Creek located at 34 St./84 Ave. The construction for Morris Pond is currently in the unfunded project 09-31-9610. These projects will have no operating impact. The Elmjay Wetland was started in 2004 and completed in 2005. All three projects require land acquisition (through 09-31-9604 and 07-31-4304) and the project design will commence after the land transaction is completed in each case.

## Schedule

2006-2007: Design - Maple Ridge Diversion Channel.

2007-2008: Design &amp; Construction - Design of Morris Pond and construction of Maple Ridge Diversion Channel.

2008-2009: Design &amp; Construction - Design of Morris Wetland.

## Project Cost Breakdown

Design	\$	4,508
Land		7,377
Construction		99,542

Last Updated: 25-NOV-2010

\$ 111,427

## Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Mgmt Facilities Expansion

03-31-9613

2009-2010: Design - Morris Pond.

2010-2012: Construction - Morris Pond (project 09-31-9610)

Another aspect in this program involves the purchasing of land for the purposes of storm water management through constructed wetlands and/or other appropriate storm water management facilities. This project will identify the opportunity for purchasing such properties and acquire the land of interest.

### Justification

Various stormwater drainage studies have identified the need to upgrade or expand the storm drainage system at a number of locations throughout the City, particularly within the Goldbar Creek and Fulton Creek watersheds. In some areas, existing capacity has been exceeded to the point where flooding of public and private property has occurred at service levels below current City Standards. Surface flooding, inadequate storm system capacity, and erosion caused by overland flows from rainfall and snowmelt may create hazardous conditions; it may result in personal injury, property damage, and negative environmental impacts. The structural integrity of roadways and buildings could also be compromised by a sub-standard storm drainage system.

As development proceeds throughout the City, new storm drainage systems are required to service these developments or they cannot proceed cost effectively. Without the required infrastructure to support development, there will be continual overloading of the existing systems, resulting in higher risks of flooding public and private properties. Failure to address the needs of new development will impede development activities and also result in the perpetual requirement of operation and maintenance funds for retrofitting and the provision of emergency measures during severe storms and snowmelt events.

Source of Estimates Detailed Design: +/- 20%

### Total Project Cost /Timing (in \$000's)

Completion Year:	2029	Total Project Costs:	\$111,427	Expenditures Beyond CPP Period:	\$77,150
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Last Updated: 25-NOV-2010



## Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Quality Enhancement

09-31-9615

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Hodgson J.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Improve air, water, soil quality (city operations)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	27	3,359	2,100	1,020	1,000	5,850	13,356
Change	-	-	100	-	-	-	100
Revised Budget	27	3,359	2,200	1,020	1,000	5,850	13,456

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

27	3,359	2,200	1,020	1,000	5,850	13,456
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Infra Stimulus Fund - Federal	-	-	1,000	700	-	-	-	1,700
Drainage Retain Earnings	100	27	2,359	1,500	1,020	1,000	5,850	11,756
Total Financing	100	27	3,359	2,200	1,020	1,000	5,850	13,456

## Description

This project provides concept development, design and construction to improve the quality of water discharged to the river from the stormwater drainage system, including conceptual design for a treatment system for flows being discharged from the Groat Road storm sewer. Other works planned include the investigation, monitoring and promotion of Low Impact Development (LID) as a means to reduce contaminants discharging from developed city lands.

## Justification

Drainage Services developed the Stormwater Quality Control Strategy and Action Plan as required by 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.

ISO 14001: This project makes a positive impact to the environment for the Drainage Services Significant Environmental Aspect of Stormwater Discharge. This project will have no significant operating impact.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

The cash flow is being adjusted to take the opportunity to apply for Federal Infrastructure Stimulus Funding, which has a strict project completion date of March 31st, 2011.

## Total Project Cost /Timing (in \$000's)

Completion Year: 2028 Total Project Costs: \$25,456 Expenditures Beyond CPP Period: \$12,000

## Project Cost Breakdown

Construction	\$	13,351
Design		105

Last Updated: 19-NOV-2010

\$ 13,456

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Land Drainage							
PROJECT NAME:		Infrastructure Upgrading						09-31-9703	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Hodgson J.			
Outcome:		Preserve & Sustain Edmonton's Environment				Focus: Improve air, water, soil quality (city operations)			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		327	281	-	-	-	-	608	
Change		-	-	-	-	-	-	-	
Revised Budget		327	281	-	-	-	-	608	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		327	281	-	-	-	-	608	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Drainage Retain Earnings	-	327	281	-	-	-	-	608	
Total Financing	-	327	281	-	-	-	-	608	
<b>Description</b> This project will increase the capacity of the City's sewer systems and eliminate capacity constraints. Work is to undertake upgrading and rehabilitation design work. This project is financed by both Sanitary and Land Drainage. This project will have no operating impact.									
<b>Justification</b> 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.									
Source of Estimates      Preliminary Design: +/-    30%									
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>            Design                      \$                      608         </div>									
Last Updated:		25-NOV-2010		\$                      608					

COMPOSITE		<b>Drainage Services</b> (thousands of dollars)							
PROGRAM:		Land Drainage							
PROJECT NAME:		Monitoring and Assessment					09-31-9704		
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Hodgson J.				
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Improve air, water, soil quality (city operations)				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		92	198	170	-	-	-	460	
Change		-	-	138	-	-	-	138	
Revised Budget		92	198	308	-	-	-	598	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	180	189	199	568	
Change		-	-	-	87	91	95	273	
Revised Expenditures		-	-	-	267	280	294	841	
TOTAL CAPITAL EXPENDITURE PLAN		92	198	308	267	280	294	1,439	
Financing		Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Drainage Retain Earnings		138	92	198	308	267	280	294	1,439
Total Financing		138	92	198	308	267	280	294	1,439
<b>Description</b> This project consists of: (1) Flow Monitoring - Monitoring of rainfall and storm, sanitary and combined sewer discharge for purposes of assessing the performance of the sewer systems, the impacts of development proposals, the environmental impacts of discharges to the river, and providing information for the design of future capital works. Includes equipment replacement and special projects. (2) Pollution Abatement - Improves water quality in the North Saskatchewan River through the undertaking of measures to reduce or eliminate sanitary sewage and combined sewer discharges into the river or connecting ravines. The project includes the construction of flow and water quality monitoring stations, outfall monitoring, quality testing, cross connection rectification, and redirecting catch basins from combined to storm sewers. (3) System Evaluations - Evaluation of drainage basins and sewer systems to determine their effectiveness and to identify needed improvements. A system to warn plant operators of high flows was developed in 2007/8 and completed and tested in 2009. An assessment of radar rainfall data continues with the intent of improving design standards for land development. This project will have no operating impact. This project is financed by both Sanitary and Land Drainage.									
<b>Justification</b> (1) Flow Monitoring - The City of Edmonton is required in its Approval-to-Operate, issued by Alberta Environment, to perform flow monitoring at locations throughout the storm drainage collection systems and report results to Alberta Environment monthly. Delay of this project would mean that the City would be unable to meet its legal obligations in its Approval-to-Operate. (2) Pollution Abatement - This project implements measures that are a requirement of the Edmonton Wastewater System Approval issued by Alberta Environment. Delay of this project would mean that the City would be unable to									
					<b>Project Cost Breakdown</b> Construction                 \$                 257 Design                                 233 Equipment                             108				
Last Updated:		19-NOV-2010			\$                 598				

COMPOSITE		Drainage Services	
PROGRAM:	Land Drainage		
PROJECT NAME:	Monitoring and Assessment	09-31-9704	
<p>meet its legal obligations in its Approval to Operate.</p> <p>(3) System Evaluation - Events such as the 2004 flooding, clearly demonstrate the need to find ways to improve land drainage and better understand rainfall patterns. The high flow warning to plant operators will help them cope with the flows through the new high rate treatment systems.</p> <p>Source of Estimates      Detailed Design: +/- 20%</p>			
Last Updated: 19-NOV-2010			

COMPOSITE		<b>Waste Management</b> (thousands of dollars)						
PROGRAM:		Waste Management						
PROJECT NAME:		Waste Management Centre Infrastructure					09-33-1933	
Group-Criteria:		A-145 Maintenance/Upgrade Projects			Project Manager: Neehall R.G.			
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Other--maintenance of current service standards			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		9,057	8,103	9,692	-	-	-	26,852
Change		-	-	-	-	-	-	-
Revised Budget		9,057	8,103	9,692	-	-	-	26,852
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	8,600	10,600	9,903	29,103
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	8,600	10,600	9,903	29,103
TOTAL CAPITAL EXPENDITURE PLAN		9,057	8,103	9,692	8,600	10,600	9,903	55,955
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Post Closure Funding	-	177	1,273	300	300	300	300	2,650
Self-Liquidating Debentures	-	8,880	6,830	9,392	8,300	10,300	9,603	53,305
Total Financing	-	9,057	8,103	9,692	8,600	10,600	9,903	55,955
<b>Description</b> 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 2009 to 2011 to: <ol style="list-style-type: none"> <li>1. expand or maintain the Centre's infrastructure of underground services, roads, groundwater monitoring system, site drainage systems and site revegetation;</li> <li>2. upgrade or replace operating equipment at plants such as the Leachate Treatment Plant;</li> <li>3. provide for the reception and sorting of e-waste, household hazardous waste and Construction and demolition waste; and</li> <li>4. provide for the capping and closure of completed areas of the landfill.</li> </ol> Impact on Operating: Capital work either do not impact on operating costs or serve to control operating cost levels.								
<b>Justification</b> 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.  This project supports Council's 10-year goal of environmental preservation and								
					Project Cost Breakdown Construction                      \$                      26,852			
Last Updated: 11-MAY-2010					\$ 26,852			

## COMPOSITE

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Waste Management Centre Infrastructure

09-33-1933

sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates      Conceptual: +/- 30%

Impact on Operations      2010      2011      2012      2013      2014

Debt Servicing Costs	1,439	974	-	-	-
Total Impact	1,439	974	-	-	-

Last Updated: 11-MAY-2010

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Material Recovery Facility Renewal(MRF)

08-33-1934

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,122	(122)	-	-	2,680	-	4,680
Change	-	-	-	-	-	-	-
Revised Budget	2,122	(122)	-	-	2,680	-	4,680

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,122	(122)	-	-	2,680	-	4,680
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Operating Revenues	-		1,622	-	-	-	-	-	1,622
Waste Mgt Retained Earnings	-		-	(122)	-	-	2,680	-	2,558
Munc Sustain. Initiative - MSI	-		500	-	-	-	-	-	500
Total Financing	-		2,122	(122)	-	-	2,680	-	4,680

## Description

The Materials Recovery Facility (MRF) processes recyclables collected in the City's recycling programs. This project replaces mechanical equipment at the MRF as it reaches the end of its operational life and/or adds additional and improved equipment to improve performance and throughput and accommodate growth.

Impact on Operating: No impact since costs of maintaining and operating the new/improved equipment are covered in to the fees paid to the contract operator. These fees escalate with inflation and increase on the whole as volume increases. Both these impacts are captured in the operating budgets when needed.

## Justification

As processing equipment reaches end of operational life, replacement with new equipment will increase efficiency and provide capacity to meet growth in the volume of recyclables. This project budgets for such upgrades on a 5 year cycle.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Financing change to align with Utility Fiscal Policy costing.

## Project Cost Breakdown

Equipment	\$	4,380
Design		300

Last Updated: 18-NOV-2010

\$ 4,680

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Processing and Transfer Facility

07-33-1935

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	60,409	18,266	9,975	-	-	-	88,650
Change	-	-	-	-	-	-	-
Revised Budget	60,409	18,266	9,975	-	-	-	88,650

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

60,409	18,266	9,975	-	-	-	88,650
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Self-Liquidating Debentures	-	60,409	18,266	9,975	-	-	-	88,650
Total Financing	-	60,409	18,266	9,975	-	-	-	88,650

## Description

The development of the Integrated Processing and Transfer Facility at the Edmonton Waste Management Centre provides for solid waste to be processed and for the transfer of residuals to landfill. The facility will contain three main functions:

1. the production of the refuse derived fuel feedstock for the Biofuels Facility being developed in conjunction with a private partner to whom contractual commitments have been made.

2. the pre-processing of waste for the Composter to remove non-compostable material from its feedstock and help to maximize its capacity; and
3. the loading of residuals and non-processable waste into trailers for hauling to landfill (transfer operation).

Expected asset life of 25 years with 10/25 year debenture term.

Impact on Operating: The reduction in operation of the Clover Bar Landfill on opening of this facility reduces its net impact on operations.

## Justification

Based on current waste disposal projections, the Clover Bar Landfill will reach operational capacity by end of 2009 and the private 170th Street Landfill four to five years thereafter. This 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.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

## Project Cost Breakdown

Design & Construct.      \$      88,650

Last Updated: 27-MAY-2010

\$      88,650



## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Processing and Transfer Facility

07-33-1935

Source of Estimates Detailed Design: +/- 10%

## Change from Previous Approval

Project completion delayed.

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	294	338	-	-	-
Operating Costs	5,500	1,166	-	-	-
Total Impact	5,794	1,504	-	-	-

Last Updated: 27-MAY-2010

# Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Biofuels Research Facility

08-33-1946

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,734	7,895	-	-	-	-	11,629
Change	-	-	-	-	-	-	-
Revised Budget	3,734	7,895	-	-	-	-	11,629

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other Grants - Provincial	-		3,279	7,895	-	-	-	-	11,174
Operating Revenues	-		-	-	-	-	-	-	-
Partnership Funding	-		455	-	-	-	-	-	455
Total Financing	-		3,734	7,895	-	-	-	-	11,629

## Description

This facility will provide for research and ongoing development of thermal gasification and catalytic technologies to recover fuels from waste that cannot be recycled or processed at Edmonton Waste Management Centre facilities.

Expected asset life of 20 years with grant and partner financing. Grants have been approved by the Province of Alberta and completion of this project is a requirement of the grant agreement.

Impact on operating: Operating costs are largely research related and such costs will be recovered through grants and funded research projects.

## Justification

The grant funding agreement with the Province of Alberta for the Biofuels (Gasification) Facility requires that a portion of the grant be used to develop a complementary small Biofuels Research Facility. This project meets the contractual commitment to the Province.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Conceptual: +/- 30%

## Change from Previous Approval

Adjustment to correct financing source.

## Project Cost Breakdown

Design	\$	1,339
Construction		10,290

Last Updated: 27-MAY-2010

\$ 11,629

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: EWMC Expansion - Land

06-33-2001

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	7,300	-	-	-	-	7,300
Change	-	-	-	-	-	-	-
Revised Budget	-	7,300	-	-	-	-	7,300

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	7,300	-	-	-	-	7,300
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		-	7,300	-	-	-	-	7,300
Total Financing	-		-	7,300	-	-	-	-	7,300

## Description

Acquisition of additional land in the northeast heavy industrial area near the Edmonton Waste Management Centre (EWMC) to enable planned projects and future waste management projects.

As this involves land acquisition, no expected asset life is identified. 10 and 25 year debenture term is assumed.

## Justification

The 200 hectare Edmonton Waste Management Centre has been developed for waste management and related facilities and all areas have been developed or assigned. Additional land is required for pending and future operational needs and to attract synergistic processing operations to Edmonton, e.g. construction/demolition waste recycling.

This project provides the land for other projects that support Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Land \$ 7,300

Last Updated: 11-MAY-2010

\$ 7,300

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: EWMC Expansion - Land

06-33-2001

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	-	886	-	-	-
Total Impact	-	886	-	-	-

Last Updated: 11-MAY-2010

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Ambleside Eco Station

06-33-2002

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	11,598	2,202	800	-	-	-	14,600
Change	-	-	-	-	-	-	-
Revised Budget	11,598	2,202	800	-	-	-	14,600

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

11,598	2,202	800	-	-	-	14,600
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		8,098	2,202	800	-	-	-	11,100
Munc Sustain. Initiative - MSI	-		3,500	-	-	-	-	-	3,500
Total Financing	-		11,598	2,202	800	-	-	-	14,600

## Description

The ECO Station in Southwest Edmonton will be similar in function to existing ECO Stations but with an improved trash drop-off operation and reuse area. It will service the city's expanding south and south west areas. It is expected to be operational by mid-2009.

Expected asset life of 15 years with a 10-year debenture term.

Impact on operating: Operating costs are included in the funded operating budget for this facility.

## Justification

Continued growth in Eco Station use with growth in the City is taxing the capacity of existing Eco Stations. This Eco Station will provide service to fast growing areas that are under-serviced.

This project is an integral component of the waste processing activities. Waste processing is a main component of the Waste Management Strategic Plan that delivers one of Edmonton's front-line services to residents and businesses.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Preliminary Design: +/- 30%

## Change from Previous Approval

Project Cost Breakdown	
Construction	\$ 10,450
Design	650
Land	3,500

Last Updated: 27-MAY-2010

\$ 14,600

## Waste Management

PROGRAM: Waste Management  
 PROJECT NAME: Ambleside Eco Station

06-33-2002

To advance completion of water line in 2010.

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	107	48	-	-	-
Operating Cost	1,507	-	-	-	-
Revenues	(340)	-	-	-	-
Total Impact	1,274	48	-	-	-

Last Updated: 27-MAY-2010

AS OF DEC. 31, 2010

COMPOSITE		Waste Management (thousands of dollars)							
PROGRAM:		Waste Management							
PROJECT NAME:		Waste Containers					08-33-2005		
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Neehall R.G.			
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Increase/broaden advancement towards zero waste				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		1,142	3,455	1,600	-	-	-	6,197	
Change		-	-	-	-	-	-	-	
Revised Budget		1,142	3,455	1,600	-	-	-	6,197	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	2,350	2,450	2,400	7,200	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	2,350	2,450	2,400	7,200	
TOTAL CAPITAL EXPENDITURE PLAN		1,142	3,455	1,600	2,350	2,450	2,400	13,397	
	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Waste Mgt Retained Earnings	-		-	2,525	1,600	-	-	-	4,125
Self-Liquidating Debentures	-		552	930	-	2,350	2,450	2,400	8,682
Operating Revenues	-		590	-	-	-	-	-	590
Total Financing	-		1,142	3,455	1,600	2,350	2,450	2,400	13,397
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 and Edmonton Waste Management Centre operations. These receptacles vary in age and state of repair.									
Impact on Operating: No impact on existing services. Cost of servicing bins for new services are accounted for in funded growth operations.									
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.									
This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.									
Project Cost Breakdown									
Equipment\$6,197									
Last Updated:		18-NOV-2010				\$6,197			

COMPOSITE

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Waste Containers

08-33-2005

Source of Estimates Conceptual: +/- 30%

## Change from Previous Approval

Financing change to align with Utility Fiscal Policy costing.

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	151	96	-	-	-
Total Impact	151	96	-	-	-

Last Updated: 18-NOV-2010



## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Kennedale Facilities Expansion

11-33-2006

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	145	2,900	8,455	2,500	-	-	14,000
Change	-	-	-	-	-	-	-
Revised Budget	145	2,900	8,455	2,500	-	-	14,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

145	2,900	8,455	2,500	-	-	14,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		145	2,900	8,455	2,500	-	-	14,000
Total Financing	-		145	2,900	8,455	2,500	-	-	14,000

## Description

This project provides facilities to support front-line collection services specifically, the construction of a 4000 square metre addition to the vehicle storage garage and the construction of a 1200 square metre addition to the staff facility at the City's Kennedale Integrated Site.

Impact on Operating: No impact on existing services in the 3-year planning period.

## 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.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

## Change from Previous Approval

Construction delayed.

Project Cost Breakdown	
Design & Construct.	\$ 14,000

Last Updated: 27-MAY-2010

\$ 14,000

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Kennedale Facilities Expansion

11-33-2006

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	89	287	85	-	-
Total Impact	89	287	85	-	-

Last Updated: 27-MAY-2010

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: NE Eco Station

11-33-2008

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	3,500	6,500	5,500	-	15,500
Change	-	-	-	-	-	-	-
Revised Budget	-	-	3,500	6,500	5,500	-	15,500

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	3,500	6,500	5,500	-	15,500
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		-	-	3,500	6,500	5,500	-	15,500
Total Financing	-		-	-	3,500	6,500	5,500	-	15,500

## Description

This project is the development of a new Eco Station in Northeast Edmonton similar in function to existing Eco Stations. It will service the City's expanding north and northeast areas.

Expected asset life of 25 years with a 25-year debenture term.

## 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.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

## Project Cost Breakdown

Construction	\$	11,500
Land		3,500
Design		500

Last Updated: 15-APR-2010

\$ 15,500

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: NE Eco Station

11-33-2008

Impact on Operations	2010	2011	2012	2013	2014
Contract	-	-	-	-	397
Debt Servicing Costs	-	119	221	187	-
Materials	-	-	-	-	348
Personnel	-	-	-	-	1,337
Revenue	-	-	-	-	(300)
Total Impact	-	119	221	187	1,782

Last Updated: 15-APR-2010

COMPOSITE		<b>Waste Management</b> (thousands of dollars)								
PROGRAM:		Waste Management								
PROJECT NAME:		Waste Management Equipment Acquisition					09-33-2009			
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Neehall R.G.					
Outcome:		Preserve & Sustain Edmonton's Environment			Focus: Increase/broaden advancement towards zero waste					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		-	11,239	9,595	-	-	-	20,834		
Change		-	-	-	-	-	-	-		
Revised Budget		-	11,239	9,595	-	-	-	20,834		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	2,577	1,515	2,829	6,921		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	2,577	1,515	2,829	6,921		
TOTAL CAPITAL EXPENDITURE PLAN		-	11,239	9,595	2,577	1,515	2,829	27,755		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
Self-Liquidating Debentures		-		-	3,838	6,751	2,577	1,515	2,829	17,510
Waste Mgt Retained Earnings		-		-	7,401	2,844	-	-	-	10,245
Total Financing		-		-	11,239	9,595	2,577	1,515	2,829	27,755
<b>Description</b> The project provides for the acquisition of vehicles for both collection and processing operations, and purchase of specialized processing equipment.										
<b>Justification</b> With transition to a full utility in 2009 the Waste Management Branch must finance capital costs through rates and not tax supported debt. The level of funding requested will enable the Branch to continue to satisfy commitments to residents as set out in the Waste Management Policy and Strategic Plan.  This project enables other activities that support Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.										
<b>Change from Previous Approval</b> Financing change to align with Utility Fiscal Policy costing.										
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>            Equipment \$ 20,834         </div>										
Last Updated:		18-NOV-2010			\$ 20,834					

COMPOSITE

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Waste Management Equipment Acquisition

09-33-2009

Impact on Operations	2010	2011	2012	2013	2014
Debt Servicing Costs	569	340	-	-	-
Total Impact	569	340	-	-	-

Last Updated: 18-NOV-2010

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Equipment Storage &amp; Maintenance Building

09-33-2010

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	190	5,810	-	-	-	-	6,000
Change	-	-	-	-	-	-	-
Revised Budget	190	5,810	-	-	-	-	6,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

190	5,810	-	-	-	-	6,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		190	5,810	-	-	-	-	6,000
Total Financing	-		190	5,810	-	-	-	-	6,000

## Description

Recent and planned growth in operations at the Edmonton Waste Management Centre (EWMC) results in more staff and mobile equipment. This project provides a specialized service building that will meet this equipment need and the lack of amenities for operating staff.

Expected asset life of 15 years with direct user fee financing.

Impact on Operating: Operational benefits arise from improved equipment availability on completion of the Project in 2011.

## Justification

Specialized equipment used on site at the EWMC can be better maintained and ready for use, especially in winter, with availability of this facility. Additionally, this facility will provide the ability to attract and retain staff by providing improved working conditions/amenities in an environment that can be challenging at times.

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Construction	\$	5,400
Design		600

Last Updated: 11-MAY-2010

\$ 6,000

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Equipment Storage &amp; Maintenance Building

09-33-2010

Impact on Operations	2010	2011	2012	2013	2014
Maintenance	-	130	-	-	-
Utilities	-	54	-	-	-
Debt Servicing Costs	260	-	-	-	-
Total Impact	260	184	-	-	-

Last Updated: 11-MAY-2010



09-33-2011

Focus: Increase/broaden advancement towards zero waste

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Greys Paper Recycling Facility

09-33-2011

diversify Edmonton's economy; and  
- Administration's 3-year priority goals to increase and broaden advancement towards zero waste, and to facilitate the development of an eco-industrial based economy.

Source of Estimates Award: +/- 10%

## Change from Previous Approval

Financing change to align with Utility Fiscal Policy costing.

Last Updated: 18-NOV-2010

## Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Construction/Demolition Facility

09-33-2013

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Neehall R.G.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	77	1,723	2,500	-	-	-	4,300
Change	-	-	-	-	-	-	-
Revised Budget	77	1,723	2,500	-	-	-	4,300

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

77	1,723	2,500	-	-	-	4,300
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Self-Liquidating Debentures	-		-	1,800	2,500	-	-	-	4,300
Waste Mgt Retained Earnings	-		-	(77)	-	-	-	-	(77)
Operating Revenues	-		77	-	-	-	-	-	77
Total Financing	-		77	1,723	2,500	-	-	-	4,300

## Description

The processing of commingled construction and demolition waste presents a business opportunity that necessitates expansion of the existing construction and demolition waste program. This program is an integral part of site operations at the Edmonton Waste Management Centre. The capital expenditures as outlined will provide the capacity to process and recycle up to 150,000 tonnes (50%) of the estimated 300,000 tonnes of material generated in the Capital Region.

Asset life for site development and the building structure will be 25 years. Equipment within the facility is expected to have an asset life of 15 years.

Borrowings to fund the project will be based on self liquidating debentures, with a debt term of up to 25 years. Debt payments will be funded from revenues generated by monthly user fees.

## Justification

The Province of Alberta has identified construction and demolition (C&D) waste as a targeted material in the province's strategy to decrease the amount of waste going to Alberta landfills. In support of that goal, the province is planning new legislation that, once enacted (target 2010), will compel developers, owners and contractors to take steps to recycle a significant percentage of the debris from projects. Increased C&D recycling is also an element of the Waste Management Branch's Strategic Plan as approved by Council. The new operation is expected to be a net revenue generator.

## Project Cost Breakdown

Design	\$	77
Construction		4,223

Last Updated: 18-NOV-2010

\$ 4,300

## Waste Management

PROGRAM: Waste Management

PROJECT NAME: Construction/Demolition Facility

09-33-2013

This project supports Council's 10-year goal of environmental preservation and sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

Financing change to align with Utility Fiscal Policy costing.

Impact on Operations	2010	2011	2012	2013	2014
Operating costs	1,601	400	1,500	-	-
Revenues	(3,100)	100	(1,200)	-	-
Debt Repayment	61	85	-	-	-
Total Impact	(1,438)	585	300	-	-

Last Updated: 18-NOV-2010

COMPOSITE		<b>Capital Construction Department</b> (thousands of dollars)							
PROGRAM:		Buildings Design & Construction							
PROJECT NAME:		Building and Facility Rehabilitation						09-41-0100	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Ward C.			
Outcome:		Transform Edmonton's Urban Form				Focus: Refocus spending on renewing existing vs new infra			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		1,097	5,850	7,789	-	-	-	14,736	
Change		-	-	-	-	-	-	-	
Revised Budget		1,097	5,850	7,789	-	-	-	14,736	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	10,503	10,442	10,381	31,326	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	10,503	10,442	10,381	31,326	
TOTAL CAPITAL EXPENDITURE PLAN		1,097	5,850	7,789	10,503	10,442	10,381	46,062	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Comm. Fac. Enhancmt	-	-	125	-	-	-	-	125	
Prog. Grant	-	-	150	-	-	-	-	150	
Partnership Funding	-	1,097	5,575	7,789	10,503	10,442	10,381	45,787	
General Financing	-	1,097	5,575	7,789	10,503	10,442	10,381	46,062	
Total Financing	-	1,097	5,850	7,789	10,503	10,442	10,381	46,062	
<b>Description</b> This project provides the funding required to replace or restore major building components and systems for existing City buildings and facilities which have reached the end of their useful lives. Major building components and systems include: structural components (concrete beams and slabs, etc.), building envelope components (roofs, windows, exterior cladding, etc.), electrical systems and elevators, life safety systems (alarm systems, etc), mechanical systems (boilers, chillers, pumps, HVAC, etc., and architectural components (flooring, interior wall systems, finishes, etc.). Project funds will be used to address critical building component repairs or replacements on a priority basis, starting with those that have been deferred from prior years due to funding constraints.									
This profile replaces following funded profiles:									
1. 07-75-2122 Fire & EMS Bldg Rehabilitation 2. 07-75-2500 Conservation of Community/Recreation Facilities 3. 07-75-3295 Downtown Building Asset Preservation 4. 07-75-3606 Roof Repairs of Various Buildings 5. 07-75-3809 Public Works/Roadways Operations Building									
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Design \$ 3,304            Construction 11,432         </div>									
Last Updated:		17-NOV-2010			\$ 14,736				

COMPOSITE	Capital Construction Department	
PROGRAM:	Buildings Design & Construction	
PROJECT NAME:	Building and Facility Rehabilitation	09-41-0100
<p><b>Justification</b></p> <p>Facilities must be maintained to a minimum standard which preserves their useful life, provide facilities where occupants are able to carry out necessary functions and responsibilities in a effective manner, and ensure the health and safety of the staff and public are protected.</p> <p>Without the required funding, building components and systems at or near the end of their useful lives 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 more costly repairs and renovations in future years.</p> <p>Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy.</p> <p>Service Challenge: Conservation of an aging infrastructure.</p> <p>Source of Estimates            Conceptual: +/-    50%</p> <p><b>Change from Previous Approval</b></p> <p>#68: This composite budget contains 30 projects. Cashflow adjustment based on latest project information.</p>		
Last Updated:	17-NOV-2010	

COMPOSITE		<b>Capital Construction Department</b> (thousands of dollars)						
PROGRAM:		Buildings Design & Construction						
PROJECT NAME:		Building and Facility Rehabilitation					09-41-0101	
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Ward C.			
Outcome:		Transform Edmonton's Urban Form			Focus: Refocus spending on renewing existing vs new infra			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		47	1,973	15,900	1,700	2,030	-	21,650
Change		-	-	-	-	-	-	-
Revised Budget		47	1,973	15,900	1,700	2,030	-	21,650
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	12,100	13,150	14,450	39,700
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	12,100	13,150	14,450	39,700
TOTAL CAPITAL EXPENDITURE PLAN		47	1,973	15,900	13,800	15,180	14,450	61,350
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	47	703	800	850	900	950	4,250
Munc Sustain. Initiative - MSI	-	-	1,270	15,100	12,950	14,280	13,500	57,100
Total Financing	-	47	1,973	15,900	13,800	15,180	14,450	61,350
<b>Description</b> This project provides the funding required to replace or restore major building components and systems for existing City buildings and facilities which have reached the end of their useful lives. Major building components and systems include: structural components (concrete beams and slabs, etc.), building envelope components (roofs, windows, exterior cladding, etc.), electrical systems and elevators, life safety systems (alarm systems, etc), mechanical systems (boilers, chillers, pumps, HVAC, etc., and architectural components (flooring, interior wall systems, finishes, etc.). Project funds will be used to address critical building component repairs or replacements on a priority basis, starting with those that have been deferred from prior years due to funding constraints.								
<b>Justification</b> 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.								
					<b>Project Cost Breakdown</b> Construction                 \$         17,150 Design                                         4,500			
Last Updated: 17-NOV-2010					\$ 21,650			

## Capital Construction Department

PROGRAM:	Buildings Design & Construction
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PROJECT NAME:	Building and Facility Rehabilitation
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09-41-0101

Source of Estimates	Conceptual: +/- 50%
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### Change from Previous Approval

#68: Cashflow adjustment required due to longer than anticipated planning period.

Last Updated: 17-NOV-2010



COMPOSITE		<b>Capital Construction Department</b> (thousands of dollars)						
PROGRAM:		Buildings Design & Construction						
PROJECT NAME:		Library Parkade Rehabilitation					09-41-2010	
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Ward C.			
Outcome:		Transform Edmonton's Urban Form			Focus: Other--maintenance of current service standards			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		1,221	2,380	2,523	-	-	-	6,124
Change		-	-	-	-	-	-	-
Revised Budget		1,221	2,380	2,523	-	-	-	6,124
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	200	200	200	600
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	200	200	200	600
TOTAL CAPITAL EXPENDITURE PLAN		1,221	2,380	2,523	200	200	200	6,724
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	71	380	323	200	200	200	1,374
Munc Sustain. Initiative - MSI	-	1,150	2,000	2,200	-	-	-	5,350
Total Financing	-	1,221	2,380	2,523	200	200	200	6,724
<b>Description</b> A structural inspection of the Stanley A. Milner Library Parkade was performed in the summer of 2002. The report indicated the need for repairs to various components of the structure. Since then, repair work in level P1 has been completed. Delaminations in the slab spanning the LRT tunnel, delaminations in the concrete ceiling, delaminations in the slab in levels P2 & P3, access ramps repairs, and membrane replacement will be funded from this profile.								
<b>Justification</b> This project will provide funding to accelerate structural repairs and refurbishment of the underground parkade facility. Delay of the work will further deteriorate the structure resulting higher repair cost. With the additional funding all repair work can be completed in three years.								
<b>Source of Estimates</b> Conceptual: +/- 50%								
					<b>Project Cost Breakdown</b> Construction      \$      5,274 Design                      850			
Last Updated: 14-APR-2010					\$ 6,124			

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Energy/Greenhouse Gas Reduction Projects

09-41-5501

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	50	4,900	-	-	-	4,950
Change	-	-	-	-	-	-	-
Revised Budget	-	50	4,900	-	-	-	4,950

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	3,000	3,000	3,000	9,000
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	3,000	3,000	3,000	9,000

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		-	50	4,900	3,000	3,000	3,000	13,950
Total Financing	-		-	50	4,900	3,000	3,000	3,000	13,950

## Description

This profile encompasses a range of energy conservation and greenhouse gas reduction projects to be funded from tax-supported debt. The projects could involve City-owned facilities, outdoor lighting, transportation infrastructure and process facilities.

The type of work performed within these projects include items such as: lighting retrofits and redesign, mechanical system upgrades and control modernization, building envelope improvements and alternative energy sources.

The utility cost savings from the projects will be used to repay the loan amounts.

All retrofit projects will be reviewed and approved by the Environmental Policy Leadership Committee prior to proceeding.

The expected asset life ranges from 12 years to 25 years with a 5 to 10 year debenture term.

## Justification

Funding from this project 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.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

#68: Cashflow adjustment required due to longer than anticipated planning time.

Project Cost Breakdown	
Construction	\$ 12,700
Design & Construction	1,250

Last Updated: 17-NOV-2010

\$ 13,950

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Westwood Transit Garage Upgrades

09-41-6601

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Ensure transit sustainability via cost recovery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	11	200	3,300	16,514	12,575	-	32,600
Change	-	-	-	-	-	-	-
Revised Budget	11	200	3,300	16,514	12,575	-	32,600

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	150	3,200	16,000	12,250	-	31,600
General Financing	-		11	50	100	514	325	-	1,000
Total Financing	-		11	200	3,300	16,514	12,575	-	32,600

## Description

This project will fund a portion of the required rehabilitation work at the Westwood Transit Garage. Rehabilitation work includes HVAC & Mechanical upgrades, asbestos removal, electrical upgrades, hoist replacement, trench replacement, linking storage area and fuel bays, renovating office area, addition of new office space, reconstruction of maintenance area and renovation of stockroom/storage area.

Rehabilitation work will be implemented on priority basis up to the limit of funds provided in this project. Un-funded project 10-41-6602 provides funds for implementation of remaining rehabilitation work.

Building functional programming is scheduled for 2010 and design is scheduled for 2011. Construction is planned to be phased over 2012 and 2013.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Project has been delayed awaiting progress of Ellerslie MES Heavy Equipment Repair facility renovations.

## Project Cost Breakdown

Construction	\$	29,300
Design		3,300

Last Updated: 27-MAY-2010

\$ 32,600



COMPOSITE

## Capital Construction Department

PROGRAM:	Buildings Design & Construction
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PROJECT NAME:	Transit/LRT Garages Rehabilitation
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09-41-6603

Source of Estimates	Conceptual: +/- 50%
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### Change from Previous Approval

#68: Cashflow adjustment required due to overly optimistic cashflow projections for roof rehabilitation work.

Last Updated: 17-NOV-2010

# Finance & Treasury

(thousands of dollars)

PROGRAM: Finance &amp; Treasury

PROJECT NAME: Cashier System Replacement

09-50-0200

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Mulyk E.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	892	200	-	-	-	1,092
Change	-	-	-	-	-	-	-
Revised Budget	-	892	200	-	-	-	1,092

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	892	200	-	-	-	1,092
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	892	200	-	-	-	1,092
Total Financing	-		-	892	200	-	-	-	1,092

## Description

This project will replace the current Cashier for Windows (CFW) application

## Justification

Approximately \$1.8 billion in transactions are processed annually through the application. CFW will no longer be supported by the vendor at the end of 2010. In addition, the software is obsolete and peripherals are difficult to purchase.

Failure to replace the system will result in delays in updating customer accounts, inability to accurately predict cash flow and risk the public's confidence in the City's ability to process payments accurately and in a timely manner

Source of Estimates Conceptual: +/- 35%

## Change from Previous Approval

Re-costing of Associated Projects

## Impact on Operations

	2010	2011	2012	2013	2014
General Maintenance	30	30	30	30	-
Total Impact	30	30	30	30	-

## Project Cost Breakdown

Hardware / Software	\$	500
Consulting		592

Last Updated: 02-JUN-2010

\$ 1,092

## Finance & Treasury

(thousands of dollars)

PROGRAM: Finance &amp; Treasury

PROJECT NAME: Project and Contract Management

09-50-0201

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Debrinski M.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	134	700	591	-	-	-	1,425
Change	-	-	-	-	-	-	-
Revised Budget	134	700	591	-	-	-	1,425

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

134	700	591	-	-	-	1,425
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Financial Stab Rsv (non-TCA)	-		107	-	-	-	-	-	107
Financial Stabilization Resrv.	-		27	700	591	-	-	-	1,318
Total Financing	-		134	700	591	-	-	-	1,425

## Description

SMT and the IT Business Council have endorsed the implementation of a Project and Contract Management module to improve the efficiency and effectiveness in managing the scope, time, cost, risk and human resource elements of corporate projects.

The scope included Forecasting and Planning, Budget Preparation and Management, Grants Management, Project Management from concept to post construction, Contract Management and Project Accounting and Reporting.

Phase 1 included the implementation of a Project Management system for managing projects from concept to post construction. This included full integration to the existing Contract Management and Accounting system. In addition the Business Intelligence reporting tool was implemented to address reporting gaps and to provide the foundation for future projects.

Phase 2 included further system development related to Forecasting and Planning, Budget Preparation, Managing Grants and Corporate Capital Reporting. A decision to delay the start from 2007 to 2009 was based on resource availability in 2007 and 2008. In addition, a recent review of the proposed technology has altered the decision to proceed with the Forecasting and Planning, Budget Preparation, Grants Management. Corporate Capital Report development is scheduled to start May, 2009.

## Justification

This project will further the ERP vision and address a corporate desire to improve business practices.

Source of Estimates Conceptual: +/- 70%

## Change from Previous Approval

## Project Cost Breakdown

Consultant \$ 1,425

Last Updated: 17-NOV-2010

\$ 1,425

## Finance &amp; Treasury

PROGRAM: Finance &amp; Treasury

PROJECT NAME: Project and Contract Managment

09-50-0201

#68 Cash flow - projected delayed until 2011.

Last Updated: 17-NOV-2010



# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: South West Division Station

07-60-1356

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Sajjad L.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	8,074	2,438	13,425	9,195	-	-	33,132
Change	-	-	-	-	-	-	-
Revised Budget	8,074	2,438	13,425	9,195	-	-	33,132

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

8,074	2,438	13,425	9,195	-	-	33,132
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
AMIP	-	7,770	2,213	7,174	2,735	-	-	19,892
General Financing	-	-	225	1,025	1,660	-	-	2,910
Munc Sustain. Initiative - MSI	-	304	-	5,226	4,800	-	-	10,330
Total Financing	-	8,074	2,438	13,425	9,195	-	-	33,132

## 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). The Preliminary 10-Year Capital Investment report prepared by the Finance and Treasury Department and presented July 9, 2008 to City Council for information identifies this project for funding through MSI under the Protection Envelope (page 33 of the report).

A purchase of non-City owned land and construction cost escalations associated with the delay in starting construction has resulted in increased costs to complete the project.

The Transportation and Public Works Committee (TPW) approved the land acquisition and award of design consultant on April 22, 2008.

## Justification

The current South West Division station located at 9710-51 avenue (15,000 sq. ft.) is operating beyond resource capacity. The station has reached the end of its useful life (built in 1976). With the opening of the South East Divisional Station (Millwoods) in 2005, the original South Station was closed to complete upgrades to continue the use of the building on an interim basis until the new South West Divisional Station could be built. A review of the police service and how officers are deployed resulted in a model being developed to divide the City of Edmonton into six sections. The goal of the new deployment model is to achieve a 7 minute response time on priority one calls and 25% proactive time to work within the communities. As a first step to meet the new goal of 7 minute response and 25% proactive time, the old south station was reopened and called

## Project Cost Breakdown

Land	\$	7,200
Construction		23,408
Design		2,524

Last Updated: 26-NOV-2010

\$ 33,132

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: South West Division Station

07-60-1356

South West Divisional Station on a temporary basis until a new location could be found. 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. To continue to grow with the City of Edmonton and meet the expectations of the citizens, two new stations are required. South West Division Station is the next link in this plan.

By providing a new Southwest Division Station, the EPS will reduce its response time therefore improving service to meet citizens' expectations around quality customer service (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. It will also allow for future expansion.

Source of Estimates Detailed Design: +/- 10%

## Change from Previous Approval

Delays in the design stage.

\$3M (\$2M MSI, \$1M GF) transferred from 07-60-1856

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	-	-	450	300	-
Total Impact	-	-	450	300	-

Last Updated: 26-NOV-2010

# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: PoliceSeizedVehicleStorageLotExpansion

06-60-1357

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Kellett C.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	29	415	225	-	-	-	669
Change	-	-	-	-	-	-	-
Revised Budget	29	415	225	-	-	-	669

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

29	415	225	-	-	-	669
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		29	415	225	-	-	-	669
Total Financing	-		29	415	225	-	-	-	669

## 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.

## 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

Percent for Art		Percent of Total Project:		0%		Project Cost Breakdown	
Amount:						Design	\$ 29
Last Updated:		26-NOV-2010				\$	669

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: PoliceSeizedVehicleStorageLotExpansion

06-60-1357

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.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

General Financing \$502K transferred from 2009 to 2010 due to delays in availability of land.

## Change of Scope

The amount of land required has been reduced from 35 to six acres. The scope of the project is now limited to the police seized vehicle tow lot. The project will require one additional FTE.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	-	100	-	-	-
Total Impact	-	100	-	-	-

Last Updated: 26-NOV-2010

# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Northwest Division Station

07-60-1375

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Sajjad L.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	8,288	-	-	-	8,288
Change	-	-	-	-	-	-	-
Revised Budget	-	-	8,288	-	-	-	8,288

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	8,039	8,540	16,579
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	8,039	8,540	16,579

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	-	8,288	-	8,039	8,540	24,867
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	-	8,288	-	8,039	8,540	24,867
Total Financing	-		-	-	8,288	-	8,039	8,540	24,867

## Description

The Edmonton Police Service (EPS) recommends the construction of a new Northwest Division Station in support of a 6 Division patrol model. This new station will be approximately 45-50,000 square feet and will have the capacity for up to one hundred and sixty employees. The land associated to the development of a Northwest Station will park up to one hundred employee and police vehicles on a surface level parking lot outside the building and six vehicles inside a secured covered parking facility.

The Preliminary 10-Year Capital Investment report prepared by the Finance and Treasury Department that was presented July 9, 2008 to City Council for information, identifies this project as a candidate for funding through the Municipal Sustainability Initiative (MSI) under the Protection Envelope (page 33 of the report).

## Justification

The development of a new Northwest Division station will serve to provide a consistent and equitable approach to policing across the city. It will support the three desired strategic outcomes;

- \* Reduce crime and victimization;
- \* A citizen centered police service;
- \* A model of efficiency and effectiveness

The outcomes expected to result from the development of a 6th divisional station are:

- \* Sufficient space to house an increase in personnel
- \* The alignment of patrol resources with the workload
- \* Provide the necessary proactive time for police officers to achieve the desired results.
- \* Provide equitable policing services across the city.

## Project Cost Breakdown

Const. & Design	\$	17,867
Land		7,000

Last Updated: 18-NOV-2010

\$ 24,867

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Northwest Division Station

07-60-1375

\* Respond to emergency calls, when a life is at risk, within an average of seven minutes.

\* Follow EPS best practices and processes that create efficiencies and effectiveness.

Some of the impacts associated to the risks of not developing a new Northwest Division station are:

\* No space to house increased resources. Risk associated to issues of work space, health and safety, ergonomic considerations and others will impact productivity.

\* Reduced public confidence in the police that they will not be able to respond to their high priority calls within 7 minutes

\* Reduced public trust in the police if they believe the service they are receiving in communities such as Beverly is not consistent with the police service received by a citizen in Riverbend.

\* Reduced efficiency and effectiveness in the delivery of police services if the driving distances increase because divisions and districts are too large.

\* Reduced clearance rates for crimes if the officers do not have 25% proactive time to gather intelligence and solve crime.

Source of Estimates Conceptual: +/- 50%

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	-	-	-	220	400
Personnel	-	-	-	-	5,580
Total Impact	-	-	-	220	5,980

Last Updated: 18-NOV-2010

# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: In-House Training Centre

09-60-1391

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Meads G.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	616	-	-	-	-	-	616
Change	-	-	-	-	-	-	-
Revised Budget	616	-	-	-	-	-	616

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

616	-	-	-	-	-	616
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		616	-	-	-	-	-	616
Total Financing	-		616	-	-	-	-	-	616

## Project Cost Breakdown

Construction \$ 616

Last Updated: 09-APR-2010

\$ 616

COMPOSITE		<b>Edmonton Police Service</b> (thousands of dollars)							
PROGRAM: Police									
PROJECT NAME: TeleCommunications Systems Replacements		07-60-1423							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Kellett C.							
Outcome: Improve Edmonton's Livability		Focus: Reduce/prevent crime (transit, dtwn, communities)							
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		-	435	2,200	-	-	-	2,635	
Change		-	-	-	-	-	-	-	
Revised Budget		-	435	2,200	-	-	-	2,635	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		-	435	2,200	-	-	-	2,635	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing	-	-	435	2,200	-	-	-	2,635	
Total Financing	-	-	435	2,200	-	-	-	2,635	
<b>Description</b> This composite project involves the life cycle replacement of critical telecommunication infrastructure which includes portable and mobile radios, 911 equipment, dispatch equipment, surveillance kits and maintenance equipment as well as administrative telephone and videoconferencing equipment. 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 thus allowing EPS to achieve the outcomes of a modern and efficient police force. This funded project is related to the unfunded project 07-60-1419.									
<b>Justification</b> Planning for the life cycle replacement of critical infrastructure and equipment demonstrates responsible fiscal management and stewardship of resources. This is especially important for the infrastructure and equipment the front line relies on daily to meet the expectations placed on them by management and the public.									
<b>Source of Estimates</b> Conceptual: +/- 50%									
<div style="float: right; border: 1px solid black; padding: 5px; margin-top: 20px;"> <b>Project Cost Breakdown</b>            Equipment                      \$                      2,635         </div>									
Last Updated: 18-NOV-2010		\$ 2,635							



COMPOSITE

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: TeleCommunications Systems Replacements

07-60-1423

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	260	25	-	-	-
Total Impact	260	25	-	-	-

Last Updated: 18-NOV-2010

COMPOSITE		<b>Edmonton Police Service</b> (thousands of dollars)								
PROGRAM:		Police								
PROJECT NAME:		Police IT Systems - Infrastructure						07-60-1433		
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Kellett C.				
Outcome:		Improve Edmonton's Livability				Focus: Reduce/prevent crime (transit, dtwn, communities)				
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		4,733	2,365	2,632	-	-	-	9,730		
Change		-	-	-	-	-	-	-		
Revised Budget		4,733	2,365	2,632	-	-	-	9,730		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	1,954	1,894	1,949	5,797		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	1,954	1,894	1,949	5,797		
TOTAL CAPITAL EXPENDITURE PLAN		4,733	2,365	2,632	1,954	1,894	1,949	15,527		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		4,733	2,365	2,632	1,954	1,894	1,949	15,527
Total Financing		-		4,733	2,365	2,632	1,954	1,894	1,949	15,527
<b>Description</b> This composite project encompasses the replacement, expansion and addition of new technologies as it relates to the information technology (IT) infrastructure. Ensuring the availability, security and integrity of information technology systems is a fundamental component for the delivery of a modern police service. This project is the funded portion of unfunded project 07-60-1436.										
<b>Justification</b> The EPS has a significant investment in information technology. In order to maintain the value of that investment, improvements are made in a planned and managed fashion. Security and availability of police information is a top priority and must be maintained for officer safety, liability, and business continuity and resumption purposes.  Service locations and information requirements are continually expanding and challenging the data and communications infrastructure. As the network expands and technology is relied upon to a greater degree, upgrades and expansion becomes critical. Best practices in technology lifecycle management are employed to ensure the cost effectiveness and useful life of technology. The application of technological advancements to policing effectiveness is applied as deemed appropriate.										
Source of Estimates		Conceptual: +/- 50%								
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Project Cost Breakdown</b>            Computer Equipment    \$        15,526         </div>										
Last Updated:		26-NOV-2010				\$        15,526				

COMPOSITE

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Police IT Systems - Infrastructure

07-60-1433

## Impact on Operations

	2010	2011	2012	2013	2014
General Maintenance	150	75	150	75	75
Personnel	244	244	122	-	122
Total Impact	394	319	272	75	197

Last Updated: 26-NOV-2010

## Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Public Safety Radio Network Replacement

09-60-1440

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Kellett C.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	183	444	61	-	-	-	688
Change	-	-	-	-	-	-	-
Revised Budget	183	444	61	-	-	-	688

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

183	444	61	-	-	-	688
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		183	444	61	-	-	-	688
Total Financing	-		183	444	61	-	-	-	688

## Description

This composite project upgrades and expands the voice communications infrastructure portion of the current Public Safety Public Service Radio System (PSPSRS) currently used by the EPS, Fire Rescue Service (FRS), Emergency Medical Services (EMS) and other public service departments (Roadways, Drainage, Stadium, Park, Waste Management and Traffic). Currently, the system is approaching the end of its life cycle. With obsolete technology replacement parts are difficult to locate increasing the risk of a catastrophic failure of the system. Upgrading the public radio network system will support the more effective deployment and coordination of all emergency services. This project is the funded portion of unfunded project 09-60-1444.

## Justification

The prime reason an upgrade is required is to mitigate the risk of unsupportable system components causing an extended outage of the radio system. A secondary reason for the upgrade is to enable additional channels to be added to the system so that Edmonton Transit can move onto the system. Without the upgrade, the EPS continues to run the risk that a failure of an unsupported component of the EDACS system could cause an extended outage of the radio system, affecting the ability of the EPS (and the other emergency services) to provide services to the City.

As the organization which manages the shared radio system, the EPS has traditionally had the responsibility for putting forward (on behalf of Emergency Response and all other City of Edmonton radio system users) all capital funding requests associated with upgrades to the PSPSRS. This has worked well in the past ensuring that the EPS high standards are not compromised and also in minimizing the bureaucracy of having a number of users groups soliciting capital funding for parts of a project that can not be implemented piecemeal.

Source of Estimates Preliminary Design: +/- 30%

## Project Cost Breakdown

Design \$ 688

Last Updated: 18-NOV-2010

\$ 688

COMPOSITE		<b>Edmonton Police Service</b> (thousands of dollars)						
PROGRAM: Police								
PROJECT NAME: Police IT Systems - Projects		07-60-1460						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Kellett C.						
Outcome: Improve Edmonton's Livability		Focus: Reduce/prevent crime (transit, dtwn, communities)						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		5,639	2,488	2,582	-	-	-	10,709
Change		-	-	-	-	-	-	-
Revised Budget		5,639	2,488	2,582	-	-	-	10,709
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	1,620	2,390	2,610	6,620
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,620	2,390	2,610	6,620
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>5,639</b>	<b>2,488</b>	<b>2,582</b>	<b>1,620</b>	<b>2,390</b>	<b>2,610</b>	<b>17,329</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
General Financing	-	5,639	2,488	2,582	1,620	2,390	2,610	17,329
Total Financing	-	5,639	2,488	2,582	1,620	2,390	2,610	17,329
<b>Description</b> This composite project maintains and upgrades components that will keep EPS information secure and available, improve the processes used to deliver IT services and apply new technology to policing applications. This project deals with the ongoing capital upgrade and maintenance of the EPS IT system. The implementation of leading and best practices in structure, planning and operational processes improves the effectiveness and efficiency of service delivery to the Service. This project is the funded portion of unfunded project 07-60-1461.								
<b>Justification</b> 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.								
Source of Estimates		Conceptual: +/- 50%						
<b>Impact on Operations</b>		<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>		
General Maintenance		385	-	200	125	175		
Personnel		366	122	488	-	-		
Total Impact		751	122	688	125	175		
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Computer Equipment    \$        17,329         </div>								
Last Updated: 26-NOV-2010		\$ 17,329						

# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Intoxilyzer Equipment Replacement

05-60-1742

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Doucette B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1	149	49	-	-	-	199
Change	-	-	-	-	-	-	-
Revised Budget	1	149	49	-	-	-	199

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1	149	49	-	-	-	199
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		1	149	49	-	-	-	199
Total Financing	-		1	149	49	-	-	-	199

## Description

This project will upgrade/replace EPS' present Intoxilyzer equipment, based on anticipated life cycles and technology improvements. This project will enable EPS to continue enforcing alcohol related offences effectively. Operating budget impacts are expected to be minimal.

## Justification

Currently, the EPS has an inventory of 13 Intoxilyzer units. Approximate replacement cost in 2005 will be \$18,500 per unit. There are no plans to expand this number, however, they will eventually require replacement to maintain our effectiveness. Included in this request are the required simulators to enable training on the units. The EPS is committed to enforcing current laws regarding drinking and driving. In order to remain credible in court, the equipment must be replaced when required and maintained stringently during the course of its life.

## Source of Estimates

Detailed Design: +/- 20%

## Change from Previous Approval

The EPS is reliant upon the RCMP for training and support. Therefore any new equipment purchase is on hold until the RCMP Forensic Lab decides which Intoxilyzer model they will support. An RCMP decision is anticipated by late September 2008.

## Project Cost Breakdown

Equipment \$ 199

Last Updated: 26-NOV-2010

\$ 199

# Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Automated Fingerprint Identification Sys

07-60-1747

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: MacKay K.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	17	983	-	-	-	-	1,000
Change	-	-	-	-	-	-	-
Revised Budget	17	983	-	-	-	-	1,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	1,000	1,000
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	1,000	1,000

## TOTAL CAPITAL

## EXPENDITURE PLAN

17	983	-	-	-	1,000	2,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Other	-		17	633	-	-	-	1,000	1,650
General Financing	-		-	350	-	-	-	-	350
Total Financing	-		17	983	-	-	-	1,000	2,000

## Description

This project provides for the upgrade of the existing Automated Fingerprint Identification System (AFIS) last updated in 2000-2001. The reserve funding consists of funds collected as user fees from other agencies that access the AFIS database. These funds are split between Calgary and Edmonton. The EPS uses these funds to offset the capital costs of the system.

Operating budget impacts are expected to be minimal as the base budget for the current equipment should be sufficient to meet operating and maintenance needs.

## Justification

AFIS is a basic forensic tool utilized by all investigative areas of the EPS. The AFIS system is maintained on a cost share basis with the Calgary Police Service and some of the costs are offset by user fees from other agencies.

The life expectancy of the Automated Fingerprint Identification System (AFIS) at time of purchase was approximately six years. In order to maintain its effectiveness and keep pace with technological changes, it was expected that an upgrade would be required in 2008. With this in mind, \$350,000 was budgeted in 2007 and \$650,000 in 2008 for the acquisition of a new AFIS system. In March 2007, the current maintenance contract was extended to January 2010 (two one year maintenance contracts with 60 day cancellation notice option by EPS). Consequently the budget expenditure can be moved forward as far as the 2009 budget.

Source of Estimates Conceptual: +/- 50%

## Total Project Cost /Timing (in \$000's)

Project Cost Breakdown	
Equipment	\$ 2,000

Last Updated: 20-OCT-2010

\$ 2,000

## Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Automated Fingerprint Identification Sys

07-60-1747

Completion Year: 2014 Total Project Costs: \$2,000 Expenditures Beyond CPP Period:

Last Updated: 20-OCT-2010



COMPOSITE		<b>Edmonton Police Service</b> (thousands of dollars)							
PROGRAM: Police									
PROJECT NAME: Vehicles		09-60-1765							
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Sajjad L.							
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Other--maintenance of current service standards							
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>	
Budget as Approved		4,034	6,062	4,578	-	-	-	14,674	
Change		-	-	-	-	-	-	-	
Revised Budget		4,034	6,062	4,578	-	-	-	14,674	
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		4,034	6,062	4,578	-	-	-	14,674	
	<b>Budget Request</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Financing									
General Financing - Pol	-		-	6,062	4,578	-	-	-	10,640
General Financing	-		4,034	-	-	-	-	-	4,034
Total Financing	-		4,034	6,062	4,578	-	-	-	14,674
<b>Description</b> Purchase of EPS marked, unmarked, covert and specialized vehicles.									
<b>Justification</b> The EPS fleet 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.									
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Project Cost Breakdown</b>            Equipment \$ 14,674         </div>									
Last Updated: 20-OCT-2010		\$ 14,674							

Edmonton Police Service  
(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Facilities Infrastructure/Rehabilitation

07-60-1856

Group-Criteria:	A-100 Projects With Budget Approval
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Project Manager: Sajjad L.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,412	3,100	3,148	(1,000)	-	-	7,660
Change	-	-	-	-	-	-	-
Revised Budget	2,412	3,100	3,148	(1,000)	-	-	7,660

## FUNDING earmarked for future expenditures

Existing Plan Expenditures	-	-	-	2,640	2,305	1,653	6,598
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	2,640	2,305	1,653	6,598

TOTAL CAPITAL  
EXPENDITURE PLAN

2,412	3,100	3,148	1,640	2,305	1,653	14,258
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-		1,010	2,905	1,000	2	377	-	5,294
General Financing	-		1,402	195	2,148	1,638	1,928	1,653	8,964
Total Financing	-		2,412	3,100	3,148	1,640	2,305	1,653	14,258

Description
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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. With the current economic conditions, the cost associated with replacement of scheduled components has exceeded the previously approved funding. The previously unfunded \$18.632 M portion of the project will now be funded through the Municipal Sustainability Fund as per the September 25, 2008 2009-11 Capital Budget - Building Envelope MSI Allocation meeting.

### 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)

Source of Estimates	Detailed Design: +/- 20%
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Project Cost Breakdown		
Construction	\$	6,259
Const. & Design		7,999

Last Updated: 26-NOV-2010

\$ 14,258

07-60-1856

\$3M (\$2M MSI, \$1M GF) transferred to 07-60-1356

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COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Arterial/Primry/Hghwy/Renewl		09-66-1020						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Transform Edmonton's Urban Form		Focus: Strategically invest in select infrastructure						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		28,366	40,215	32,284	-	-	-	100,865
Change		-	-	-	-	-	-	-
Revised Budget		28,366	40,215	32,284	-	-	-	100,865
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	40,450	42,093	43,801	126,344
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	40,450	42,093	43,801	126,344
TOTAL CAPITAL EXPENDITURE PLAN		28,366	40,215	32,284	40,450	42,093	43,801	227,209
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Local Improvements Prop. Share	-	-	1,000	250	250	250	250	2,000
Infra Stimulus Fund - Federal	-	-	2,867	-	-	-	-	2,867
Fuel Rebate	-	12,718	15,025	16,864	21,008	23,000	23,000	111,615
Munc Sustain. Initiative - MSI	-	11,814	19,876	15,000	17,381	17,554	18,895	100,520
General Financing	-	3,834	1,447	170	1,811	1,289	1,656	10,207
Total Financing	-	28,366	40,215	32,284	40,450	42,093	43,801	227,209
<b>Description</b> This project provides for the renewal (rehabilitation/reconstruction) 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, street lighting, as well as land acquisition on the arterial network. Survey functions related to slide repairs that are associated with specific Capital Projects are now administered under the Environmental Services and Facilities Program which manages the overall slide repair program.								
The following renewal locations are proposed. Final locations are dependent on results of assessments, detailed design, and contract tendering:								
Pavement renewal (mill and overlay) locations are also being reviewed for potential inclusion in this program.								
2009 -118 Avenue: (42 Street - 50 Street) [Coordinate with 08-17-0346] -118 Avenue: (87 Street - 92 Street) [Coordinate with 07-21-5788] -Yellowhead Trail Westbound: (107 Street - 121 Street) [Primary Hwy]								
					<b>Project Cost Breakdown</b> Design & Construction \$ 4,013 Construction 218,756 Land 1,573			
Last Updated: 16-NOV-2010					\$ 224,342			

COMPOSITE	Transportation
PROGRAM: Roads	
PROJECT NAME: Arterial/Primry/Hghwy/Renewl	09-66-1020
<p>-Fox Drive: (Belgravia Road - Whitemud Drive) [Coordinate with 09-66-1665]</p> <p>-119 Street: (108 Avenue - 111 Avenue)</p> <p>-111 Avenue: (109 Street - 124 Street)</p> <p>-107 Avenue: (156 Street - 163 Street)</p> <p>-40 Avenue: (Terwillegar Drive Northbound - Riverbend Road)</p> <p>-Riverbend Road Southbound: (40 Avenue - Reeves Gate)</p> <p>2010</p> <p>-Yellowhead Trail: (129 Street - 149 Street) [Primary Hwy]</p> <p>-Terwillegar Drive Northbound: (Rabbit Hill Road - Whitemud Drive)</p> <p>-115 Avenue: (80 Street - Fort Road)</p> <p>-87 Avenue: (165 Street - 175 Street) [Coordinate with 09-66-1665]</p> <p>-170 Street: (Whitemud Drive - 90 Avenue) [Coordinate with 09-66-1480]</p> <p>-118 Avenue: (92 Street - 97 Street) [Coordinate with 07-21-5788]</p> <p>-127 Avenue: (97 Street - 127 Street)</p> <p>-St. Albert Trail: (118 Avenue - Yellowhead Trail) [Coordinate with 09-66-1040]</p> <p>-St. Albert Trail/118 Av: Traffic Circle</p> <p>-St. Albert Trail: (128 Avenue - 137 Avenue) [Coordinate with 09-66-1440]</p> <p>-Rowland Road: (84 St - Dawson Bridge) [Coordinate with 09-66-1040]</p> <p>-142 Street: (111 Avenue - 118 Avenue) [Coordinate with 09-66-1430]</p> <p>-Ellerslie Rd: 62 St - 107 St</p> <p>-91 St: Ellerslie Rd - Anthony Henday Dr</p> <p>-184 St: Stony Plain Rd - 107 Ave</p> <p>-Meadowlark Rd: 87 Ave - 156 St</p> <p>-Groat Rd: 111 Ave - 118 Ave</p> <p>-50 St: 68 Ave - Whitemud WBD Ramps</p> <p>-90 Ave: 75 St - 50 St</p> <p>-66 St: Fort Rd - 149 Ave</p> <p>-87 Ave: 149 St - 165 St</p> <p>-107 Ave: 178 St - 184 St</p> <p>-178 St: Stony Plain Rd - 107 Ave</p> <p>-87 Ave: 142 St - 149 St</p> <p>2011</p> <p>-Wayne Gretzky Drive: (101 Avenue - Capilano Bridge)</p> <p>-118 Avenue: (78 Street - 82 Street) [Coordinate with 07-21-5788]</p> <p>-Sherwood Park Ramps: (34 Street, 50 Street, Argyll Road) [Primary Hwy]</p> <p>-118 Avenue: (163 Street - 170 Street)</p> <p>-28 Avenue: (50 Street - Millwoods Road) [Coordinate with 09-66-1665]</p> <p>-Meadowlark Road: (87 Avenue - 156 Street)</p> <p>-105 Street: (97 Avenue - Jasper Avenue)</p> <p>-178 Street: (Callingwood Road - 69 Avenue)</p> <p>-Fort Road: (129 Avenue - 137 Avenue) [Coordinate with 09-66-1480]</p> <p>-Connors Road: (92 Street - Scona Road)</p> <p>-34 Street: (76 Avenue - Sherwood Park Eastbound Ramps)</p> <p>-Argyll Road: (71 Street - 75 Street)</p> <p>-112 Avenue: (76 Street to 82 Street) [Coordination with 09-66-1440]</p>	
Last Updated: 16-NOV-2010	

COMPOSITE		Transportation
PROGRAM:	Roads	
PROJECT NAME:	Arterial/Primry/Hghwy/Renewl	09-66-1020
<p>Additional locations could be advanced or added, depending on tender prices and the extent of engineering completed.</p> <p>Justification</p> <p>Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>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 high traffic volumes and cost-sharing eligibility with the Province. This project is also coordinated with the Neighbourhood/Collector Roadway Renewal projects, Local Improvement Construction projects, and Bridge Rehabilitation Projects. Increased maintenance funding requirements in the operating budget will be avoided through timely renewal of primary highways/arterials.</p> <p>Even with this proposed work, the funding level is only at an estimated 30% of renewal needs for arterial /primary highways. The pavement condition ratings will continue to decrease over the next 5 years.</p> <p>Impact on Operating: Operating Impacts are determined by Unfunded Roadway Renewal Needs addressed in Operating Service Packages.</p> <p>Source of Estimates                      Preliminary Design: +/-    30%</p> <p>Change from Previous Approval</p> <p>BA70: Transfer Survey and Mapping Budget to Environmental Issues Profile 09-66-1950. The scope for this work has bee previously tranfered.</p> <p>BA66: Rec'd ISF-Federal from Heritage Valley Park and Ride 09-66-1682 as per Council Directive.</p>		
Last Updated:                      16-NOV-2010		

COMPOSITE		<b>Transportation</b> (thousands of dollars)							
PROGRAM:		Roads							
PROJECT NAME:		Bridge Rehabilitation						09-66-1040	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Stephenson B.			
Outcome:		Transform Edmonton's Urban Form				Focus: Strategically invest in select infrastructure			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		4,574	32,636	7,410	-	-	-	44,620	
Change		-	-	-	-	-	-	-	
Revised Budget		4,574	32,636	7,410	-	-	-	44,620	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	8,720	11,371	24,120	44,211	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	8,720	11,371	24,120	44,211	
TOTAL CAPITAL EXPENDITURE PLAN		4,574	32,636	7,410	8,720	11,371	24,120	88,831	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Fuel Rebate	-	4,018	13,234	3,305	-	6,000	17,000	43,557	
General Financing	-	556	1,590	4,105	2,720	1,586	1,120	11,677	
Developer Financing	-	-	-	-	6,000	-	-	6,000	
Munc Sustain. Initiative - MSI	-	-	17,812	-	-	3,785	6,000	27,597	
Total Financing	-	4,574	32,636	7,410	8,720	11,371	24,120	88,831	
<b>Description</b> 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.  In addition, funds are provided for culvert replacement, preventative maintenance, and condition assessments of proposed bridge rehabilitation locations to identify rehabilitation alternatives, and to investigate requirements for geometric modifications to be undertaken in conjunction with the rehabilitations.  The following locations in priority order are proposed. Final locations are dependent on results of assessments, detail design, and contract tendering:  2009 [Design and Construction] - Culvert Replacement at 50 Street / 211 Avenue NW (B79) - Campbell Bridge rehabilitation (B102) - PMA Bridge Deck overlays  [Design] - Dawson Bridge (B5) - St Albert Trail Bridge (Over Yellowhead) (B187) - Culvert Replacement at 34 Street / Horse Hills Creek (B78)  [Assessment] - Argyll Road / 82 Avenue (EB) (B107)									
					<b>Project Cost Breakdown</b> Construction \$ 79,061 Design 9,770				
Last Updated: 22-APR-2010					\$ 88,831				

COMPOSITE	Transportation
PROGRAM:	Roads
PROJECT NAME:	Bridge Rehabilitation
	09-66-1040
2010	
[Design]	
<ul style="list-style-type: none"> <li>- Rosssdale Road - McDougall Hill Overpass (W/B) (B63)</li> <li>- Grierson Hill - McDougall Hill Overpass (B64)</li> <li>- Macdonald Drive Pedestrian Underpass (B254)</li> <li>- Stony Plain Road - Groat Road Overpass (B55)</li> <li>- Saskatchewan Drive - CPR Tunnel (B6)</li> <li>- Argyll Road / 82 Avenue (EB) (B107) / detailed design for repair or replacement</li> <li>- Walterdale Bridge / 105 Street (B14) / Stage 1 design</li> <li>- Ellerslie Road Bridge over Whitemud Creek (B93) / Developer</li> </ul>	
[Construction]	
<ul style="list-style-type: none"> <li>- Dawson Bridge (B5)</li> <li>- St Albert Trail Bridge (Over Yellowhead) (B187)</li> <li>- Culvert Replacement at 34 Street / Horse Hills Creek (B78)</li> <li>- Argyll Road / 82 Avenue (EB) (B107) / temporary repairs</li> <li>- PMA Bridge Deck overlays</li> </ul>	
[Assessment]	
<ul style="list-style-type: none"> <li>- Whitemud Drive / 91 Street (B195, B196)</li> <li>- Bridge Investment Strategy</li> </ul>	
2011	
[Design]	
<ul style="list-style-type: none"> <li>- Rainbow Valley Bridge W/B &amp; E/B (Whitemud Dr over Whitemud Cr) (B162, B180)</li> <li>- 25 Avenue SW - Blackmud Creek Bridge (B136) [ARA/Developer Recovery]</li> <li>- Argyll Road / 82 Avenue (EB) (B107) / detailed design for repair or replacement</li> </ul>	
[Construction]	
<ul style="list-style-type: none"> <li>- Rosssdale Road - McDougall Hill Overpass (W/B) (B63)</li> <li>- Grierson Hill - McDougall Hill Overpass (B64)</li> <li>- Macdonald Drive Pedestrian Underpass (B254)</li> <li>- Stony Plain Road - Groat Road Overpass (B55)</li> <li>- Saskatchewan Drive - CPR Tunnel (B6)</li> </ul>	
[Assessment]	
<ul style="list-style-type: none"> <li>- Bridge Investment Strategy</li> </ul>	
<p>A number of projects in this program have been delayed in the 5-year plan as a result of funding constraints in the 2009-2011 time period. Estimates for these projects have not been inflated based on the suggested corporate inflation guidelines as they include construction elements that may experience cost escalations less than the guidelines. These costs estimates will be updated with the most current information on a yearly basis and future budget requests will be adjusted accordingly.</p>	
Last Updated:	22-APR-2010



COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Bridge Rehabilitation	09-66-1040
<p><b>Justification</b></p> <p>Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>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.</p> <p>This project is also coordinated with the Arterial/Primary Highway Renewal/Crack Sealing project.</p> <p>Impact on Operating: Operating Impacts are determined by Unfunded Bridge Renewal Needs addressed in Operating Service Packages.</p> <p>Source of Estimates              Preliminary Design: +/- 30%</p>		
Last Updated:              22-APR-2010		

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Alley Renewal		09-66-1050						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Transform Edmonton's Urban Form		Focus: Other--maintenance of current service standards						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		-	-	-	-	-	-	-
Change		-	-	-	-	-	-	-
Revised Budget		-	-	-	-	-	-	-
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	1,082	1,105	1,094	3,281
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,082	1,105	1,094	3,281
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	1,082	1,105	1,094	3,281
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Local Improvements Prop. Share	-	-	-	-	1,082	1,105	1,094	3,281
Total Financing	-	-	-	-	1,082	1,105	1,094	3,281
<b>Description</b> This project provides for the renewal (rehabilitation/reconstruction) of alleys. In addition, funding is utilized to undertake any emergency alley repairs.  The following locations are proposed. Final locations are dependent on results of assessments:  2009 - No alley projects funded  2010 - No alley projects funded  2011 - No alley project funded  <b>Justification</b> Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.  Policy #C433D, put in place by the City Council states that the City will cost share with property owners for alleys through the Local Improvement Assessment.  Current alley renewals are not funded.  Impact on Operating: Operating Impacts are determined by Unfunded Roadway Renewal Needs addressed in Operating Service Packages.								
Last Updated: 18-APR-2010		Project Cost Breakdown Construction                 \$                 6,000 Design                                 403						
		\$ 6,403						

COMPOSITE		Transportation	
PROGRAM:	Roads		
PROJECT NAME:	Alley Renewal	09-66-1050	
<p>Change from Previous Approval</p> <p>There were no locations for 2009 brought forward for consideration by either residents or business. Council has indicated that in future years they would like to see the strategy developed to include the alley rehabilitation within the Neighbourhood Rehabilitation programs (1055/1056). This profile will no longer be valid.</p>			

COMPOSITE			Transportation (thousands of dollars)						
PROGRAM: Roads									
PROJECT NAME: Neighbourhood Renewal Program			09-66-1055						
Group-Criteria: A-100 Projects With Budget Approval			Project Manager: Stephenson B.						
Outcome: Transform Edmonton's Urban Form			Focus: Strategically invest in select infrastructure						
BUDGET			Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved			36,227	53,299	91,733	-	-	-	181,259
Change			-	-	-	-	-	-	-
Revised Budget			36,227	53,299	91,733	-	-	-	181,259
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures			-	-	-	61,958	62,570	70,019	194,547
Change			-	-	-	-	-	-	-
Revised Expenditures			-	-	-	61,958	62,570	70,019	194,547
TOTAL CAPITAL EXPENDITURE PLAN			36,227	53,299	91,733	61,958	62,570	70,019	375,806
Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-		17,664	12,861	84,760	49,115	46,507	46,814	257,721
Local Improvements Prop. Share	-		4,199	6,200	5,000	4,882	4,605	4,000	28,886
General Financing	-		3,809	2,763	1,973	7,961	11,458	19,205	47,169
AMIP	-		10,555	31,475	-	-	-	-	42,030
Total Financing	-		36,227	53,299	91,733	61,958	62,570	70,019	375,806
Description									
This project provides 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, completion of missing multi-use trail connections and purchase of equipment to support this capital rehabilitation program. 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))									
The following Neighbourhoods are proposed for renewal. Final locations are dependent on results of assessments, detailed design, and contract tendering:									
2009									
- Reconstruction (Parkdale, Meadowlark Park, Lendrum Place)									
- NE Roads: Matt Berry (162 Ave: 59A St - 64 St, 60 St: 162 Ave - 162 B Ave); Hollick-Kenyon (154A Ave: 52 St - 54 St)									
2010									
- Reconstruction (Meadowlark Park, Lendrum Place, Rio Terrace, Parkallen, Sherbrooke, Fulton Place)									
- NE Roads: Matt Berry (61 St/162B Av: 162 Av - End, 63 St/163 Av: 162 Av - 62 St, 162B Av/62 St:64 St - 162 Av); Hollick-Kenyon (Hollick Kenyon Rd: 162 St - Hollick Kenyon Way)									
Project Cost Breakdown									
Construction \$ 365,287									
Land 600									
Design 9,919									
\$ 375,806									
Last Updated: 25-NOV-2010									

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Neighbourhood Renewal Program	09-66-1055
<p>2011</p> <ul style="list-style-type: none"> <li>- Reconstruction (Rio Terrace, Parkallen, Sherbrooke, Fulton Place, Capilano, Woodcroft)</li> </ul> <p>Neighbourhood overlay locations are also being reviewed for potential inclusion in this program.</p> <p>Locations for city-wide collector roadway renewal, neighbourhood rehabilitation, and N.E. Edmonton soft subgrade mitigation roadways (for 2011) are currently under review.</p> <p><b>Justification</b></p> <p>Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>Policy #C433D, put in place by the City Council states that the City will cost share with property owners for the renewal of sidewalks through the Local Improvement Assessment.</p> <p>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. Timely intervention using the appropriate treatment of preventative maintenance, rehabilitation and reconstruction will extending service life and is the most cost effective approach in managing roadway infrastructure assets.</p> <p>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.</p> <p><b>Impact on Operating:</b></p> <p>Operating Impacts are determined by Unfunded Roadway Renewal Needs addressed in Operating Service Packages.</p> <p><b>Change from Previous Approval</b></p> <p>BA67: Transfer funding to 09-66-1430 to fund sidewalk rehabilitation in Eastgate Industrial.</p>		
Last Updated:	25-NOV-2010	

COMPOSITE

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Neighbourhood Renewal Program 2%Tax Levy

09-66-1056

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		11,804	35,166	48,549	66,376	85,095	-	246,990
Change		-	-	-	-	-	-	-
Revised Budget		11,804	35,166	48,549	66,376	85,095	-	246,990

FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	-	-	104,749	104,749
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	-	-	104,749	104,749

TOTAL CAPITAL EXPENDITURE PLAN		11,804	35,166	48,549	66,376	85,095	104,749	351,739
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Neighborhood Renewal Reserve	-		-	3,596	-	-	-	-	3,596
General Financ Neighb Renewal	-		11,804	31,570	48,549	66,376	85,095	104,749	348,143
Total Financing	-		11,804	35,166	48,549	66,376	85,095	104,749	351,739

Description

This Project represents a 2% Tax Levy allocation to Neighbourhood Renewal. In coordination with Program 09-66-1055.

This project provides 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))

The following Neighbourhoods are proposed for Roadway Overlay (including removal of sidewalk trip hazards). Final locations are dependent on results of assessments, detailed design, and contract tendering:

2009

- Rehabilitation (Delwood, Sakaw, Ogilvie Ridge)

2010

- Rehabilitation (McLeod, Balwin, Cloverdale, Daly Grove, Lymburn, Patricia Heights, Stone Industrial, Summerlea, Westridge)

Locations for city-wide collector roadway renewal and neighbourhood rehabilitation (for 2011), are currently under review.

Project Cost Breakdown

Construction

\$ 351,739

Last Updated: 15-SEP-2010

\$ 351,739

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Neighbourhood Renewal Program 2%Tax Levy	09-66-1056
Justification		
Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.		
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.		
Last Updated:		
15-SEP-2010		

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Operating Yards and Facilities		09-66-1070						
Group-Criteria: C-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Other--maintenance of current service standards						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		4,917	3,315	4,749	-	-	-	12,981
Change		-	-	-	-	-	-	-
Revised Budget		4,917	3,315	4,749	-	-	-	12,981
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	30,800	10,813	20,826	62,439
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	30,800	10,813	20,826	62,439
TOTAL CAPITAL EXPENDITURE PLAN		4,917	3,315	4,749	30,800	10,813	20,826	75,420
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Fuel Rebate	-	-	2,101	-	12,723	9,000	19,300	43,124
General Financing	-	917	1,214	4,749	18,077	1,813	1,526	28,296
AMIP	-	4,000	-	-	-	-	-	4,000
Total Financing	-	4,917	3,315	4,749	30,800	10,813	20,826	75,420
<b>Description</b> This project addresses City yard operation improvements related to paving of sand/salt stockpiles associated with snow/ice control, environmental compliance, yard maintenance and the maintenance of snow storage facilities. In addition funds are provided for capital improvements for City yards and facilities.  Proposed operational improvements for 2009/2011 include:  1. Paving gravel surfaces in City yards to control runoff of road salt. 2. Environmental Compliance: ensuring the City yards are operating within guideline set forth by environmental agencies. 3. City yard rehabilitation required to avoid costly reconstruction. 4. Snow Storage Facilities: maintenance required to keep the facility functioning.  Proposed capital improvements 2009/2011 include:  1. Land purchase for new Traffic Shop.  2009/2010 Also includes funding for purchases of 3 sweepers and 4 sanders to address inventory growth and expanded Capital City street cleaning program.  <b>Justification</b> Strategic objectives 10.1 and 10.2 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.								
					<b>Project Cost Breakdown</b> Design \$ 11,512 Construction 63,908			
Last Updated: 25-NOV-2010					\$ 75,420			



COMPOSITE		Transportation	
PROGRAM:	Roads		
PROJECT NAME:	Operating Yards and Facilities	09-66-1070	
<p>T.A.C.'s winter maintenance operations code of practice for maintenance yards.</p> <p>Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)</p> <p>Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675</p> <p>The winter maintenance operations code of practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.</p> <p>Construction of the new Southwest satellite yard is required to support operations addressing the growth experienced in the southwest portion of the City.</p> <p>Change from Previous Approval</p> <p>BA70: Transfer funds to MES for the purchase of Roadway Maintenance Vehicles.</p>			
Last Updated: 25-NOV-2010			

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Traffic Control Rehabilitation		09-66-1210						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Shifting Edmonton's Transportation Mode		Focus: Other--maintenance of current service standards						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		1,455	1,375	2,385	-	-	-	5,215
Change		-	-	-	-	-	-	-
Revised Budget		1,455	1,375	2,385	-	-	-	5,215
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	1,877	1,930	1,987	5,794
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,877	1,930	1,987	5,794
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		1,455	1,375	2,385	1,877	1,930	1,987	11,009
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
General Financing	-	817	993	845	317	1,340	377	4,689
Fuel Rebate	-	-	-	1,000	1,000	-	1,000	3,000
Munc Sustain. Initiative - MSI	-	638	382	540	560	590	610	3,320
<b>Total Financing</b>	-	1,455	1,375	2,385	1,877	1,930	1,987	11,009
<b>Description</b> 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.								
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Consultant                      \$                      843            Contract Work                      9,666            Materials                              500         </div>								
Last Updated: 15-SEP-2010		\$ 11,009						

## Transportation

PROGRAM: Roads

PROJECT NAME:	Traffic Control Rehabilitation
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09-66-1210

### Justification

Strategic objectives 7.1, 7.5, and 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.

Source of Estimates	Preliminary Design: +/- 30%
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Total Project Cost /Timing (in \$000's)

Completion Year:	2018	Total Project Costs:	\$18,962	Expenditures Beyond CPP Period:	\$7,953
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Last Updated: 15-SEP-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Traffic Safety Engineering Measures		09-66-1220						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Shifting Edmonton's Transportation Mode		Focus: Increase traffic safety						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		2,985	4,371	6,083	-	-	-	13,439
Change		-	-	-	-	-	-	-
Revised Budget		2,985	4,371	6,083	-	-	-	13,439
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	2,220	2,270	2,323	6,813
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	2,220	2,270	2,323	6,813
TOTAL CAPITAL EXPENDITURE PLAN		2,985	4,371	6,083	2,220	2,270	2,323	20,252
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Developer Financing	-	1,193	1,087	1,200	1,240	1,240	1,240	7,200
Fuel Rebate	-	174	2,652	3,084	500	-	-	6,410
General Financing	-	1,618	632	1,799	480	1,030	1,083	6,642
Total Financing	-	2,985	4,371	6,083	2,220	2,270	2,323	20,252
<b>Description</b> This Project Profile includes funding for design & implementation of traffic engineering measures to enhance safety for all roadway users. 1. Traffic and Pedestrian Signals a) 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, pedestrian countdown signals & amber flashers warranted to increase safety for pedestrians & motorists. b) Changes to existing Traffic Management Measures which include traffic signal rephases, system/local programmer conversions for coordinated network, installation of audible signals & railway crossing signals. 2. Developer requests for new warranted traffic signal installations & modifications to existing signal control devices are financed within this program. Cost recovery is 100% & includes signals, pavement markings, sighs & detour/barricade costs associated with the project. 3. Neighbourhood Traffic: The Transportation Department is involved in the ongoing development of Traffic Control Strategies to mitigate short-cutting within residential areas. Short-cutting has been identified by the public as a safety concern to pedestrians & residents in local neighbourhoods. Strategies are implemented as per Traffic Design Plans & include manufacture/installation of signage, pavement marking changes, concrete traffic barriers, and other traffic controls to provide guidance to vehicles & bicycles traveling through the neighbourhood. 4. Traffic Control Signing: To design, manufacture & install signage & controls required for safe traffic operation. This includes pedestrian crosswalk/bike route & freeway urban guide signage, boulevard installation & other controls required for safe pedestrian & vehicle operation. Additionally, this will include signage upgrades required to conform to new "TAC" guidelines.								
					<b>Project Cost Breakdown</b> Const. & Design       \$       5,029 Consulting                600 Contract Work           14,623			
Last Updated: 15-SEP-2010		\$ 20,252						

COMPOSITE	Transportation
PROGRAM:	Roads
PROJECT NAME:	Traffic Safety Engineering Measures 09-66-1220
<p>5. School Drop-Off Bay: To provide proper facilities for passenger vehicle drop-off and pick-up activities, in order to promote orderly flow of vehicles and improve pedestrian safety. Final locations being evaluated with the School Boards. Cost-sharing arrangements with the School Boards are currently under discussion.</p> <p>6. ITS Initiatives: To design and implement Intelligent Transportation System Technologies to assist in managing traffic congestion and corresponding safety issues resulting from traffic congestion as follows:</p> <ul style="list-style-type: none"> <li>- CCTV Installations/Traffic Management Centre</li> <li>- ITS Arterial Improvements</li> <li>- VMS Upgrade and Installation</li> <li>- Signal Operations Enhancements</li> </ul> <p>Justification</p> <p>Strategic objectives 7.1, 7.3, 7.5 and 7.6 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>Source of Estimates          Preliminary Design: +/- 30%</p>	
Last Updated:	15-SEP-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Integrated Speed Equipment Section		08-66-1225						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Shifting Edmonton's Transportation Mode		Focus: Increase traffic safety						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		4,823	2,056	4,200	-	-	-	11,079
Change		-	-	-	-	-	-	-
Revised Budget		4,823	2,056	4,200	-	-	-	11,079
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	9,600	9,400	-	19,000
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	9,600	9,400	-	19,000
TOTAL CAPITAL EXPENDITURE PLAN		4,823	2,056	4,200	9,600	9,400	-	30,079
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	-	100	-	-	-	-	100
Other	-	4,823	1,956	4,200	9,600	9,400	-	29,979
Total Financing	-	4,823	2,056	4,200	9,600	9,400	-	30,079
<b>Description</b> Funding for this capital program is restricted to revenue from Integrated Speed Equipment.  Automated Traffic Enforcement is comprised of both photo radar to detect speeding offences and intersection safety cameras to detect red light offenses. This program will acquire equipment required for the operation of automated speed and intersection enforcement by the Edmonton Police Service. The program is also responsible for the development and updating the ticket processing systems within the City which are required for the processing of fines and summons associated with operation of the Automated Enforcement programs of the Edmonton Police Service.  In addition, this program also includes the following Traffic Safety Initiatives: - Development and implementation of Speed Management Programs - Acquisition of Speed Management Equipment including vehicles, speed recording/measurement equipment and speed display boards. - Corridor Safety Reviews and implementation on integrated safety measures including engineering, enforcement and education. - Design and reconstruction of collision prone right turn locations. - Traffic Safety Communication programs including acquisition of Dynamic Message Signs and Awareness signage for traffic safety messaging - Review and implementation of pedestrian safety technologies including conversion of pedestrian countdown signals.								
<b>Justification</b> In 2007 City Council approved a service delivery model for automated enforcement which includes the use of enforcement revenue for the development and implementation of traffic safety initiatives including engineering improvements, traffic safety education components and enforcement infrastructure development								
					Project Cost Breakdown Equipment                      \$                      30,079			
Last Updated: 09-JUN-2010					\$ 30,079			

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Integrated Speed Equipment Section	08-66-1225
<p>and operations.</p> <p>This program falls within the following Council goals:</p> <p>Ten-year strategic goal:</p> <p>Shifting Edmonton's Transportation Modes:</p> <p>Three-year priority goals:</p> <ol style="list-style-type: none"> <li>1. Increase transit ridership;</li> <li>2. Ensure transit sustainability through appropriate cost recovery ratio.</li> <li>3. Reduce barriers to the use of different modes of transportation;</li> <li>4. Increase traffic safety;</li> <li>5. Select and remedy high congestion areas to ensure through put around and through the city.</li> </ol> <p>Strategic objectives 7.5 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>Source of Estimates              Conceptual: +/- 50%</p> <p>Change from Previous Approval</p> <p>Funding was reduced due to delays in establishing the in-house fine processing system.</p> <p>Change of Scope</p> <p>This program includes components of the Automated Enforcement Which were previously included in the Corporate Services Program, specifically 04-18-0337 FINES System Replacement and 06-18-0411 FINES Electronic Tickets are now included in 08-66-1225 Integrated Speed Equipment Program.</p>		
Last Updated:	09-JUN-2010	

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Transit								
PROJECT NAME: Transit Safety & Security Improvements		09-66-1240						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stolte C.						
Outcome: Improve Edmonton's Livability		Focus: Reduce/prevent crime (transit, dtwn, communities)						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		2,615	2,031	4,206	5,500	-	-	14,352
Change		-	-	-	-	-	-	-
Revised Budget		2,615	2,031	4,206	5,500	-	-	14,352
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	952	981	1,004	2,937
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	952	981	1,004	2,937
TOTAL CAPITAL EXPENDITURE PLAN		2,615	2,031	4,206	6,452	981	1,004	17,289
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Federal Grant	-	1,489	-	-	-	-	-	1,489
General Financing	-	1,126	926	611	952	293	301	4,209
Munc Sustain. Initiative - MSI	-	-	700	-	5,500	-	-	6,200
Fuel Rebate	-	-	405	3,595	-	688	703	5,391
Total Financing	-	2,615	2,031	4,206	6,452	981	1,004	17,289
<b>Description</b> 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								
<b>Justification</b> Strategic Objective 5.5 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.  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								
					<b>Project Cost Breakdown</b> Construction                \$                8,640 Design                                3,300 Equipment                            5,349			
Last Updated: 26-NOV-2010					\$ 17,289			



## COMPOSITE

## Transportation

PROGRAM: Transit

PROJECT NAME: Transit Safety &amp; Security Improvements

09-66-1240

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.

## Change from Previous Approval

BA70: Transfer funds to Fleet Services for Crown Victoria.

BA68: Delay in obtaining a suitable location for the Control Room.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	329	(30)	8	27	-
Total Impact	329	(30)	8	27	-

Last Updated: 26-NOV-2010

COMPOSITE		Transportation (thousands of dollars)														
PROGRAM: Roads																
PROJECT NAME: Street Lighting Rehabilitation		09-66-1260														
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stephenson B.														
Outcome: Shifting Edmonton's Transportation Mode		Focus: Other--maintenance of current service standards														
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total								
Budget as Approved		1,893	4,601	8,094	-	-	-	14,588								
Change		-	-	-	-	-	-	-								
Revised Budget		1,893	4,601	8,094	-	-	-	14,588								
FUNDING EARMARKED FOR FUTURE EXPENDITURES																
Existing Plan Expenditures		-	-	-	8,202	8,298	8,399	24,899								
Change		-	-	-	-	-	-	-								
Revised Expenditures		-	-	-	8,202	8,298	8,399	24,899								
TOTAL CAPITAL EXPENDITURE PLAN		1,893	4,601	8,094	8,202	8,298	8,399	39,487								
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total								
Developer Financing	-	2	-	-	-	-	-	2								
General Financing	-	50	866	1,764	587	1,983	584	5,834								
Fuel Rebate	-	1,000	1,061	-	1,300	-	1,500	4,861								
Other	-	817	-	-	-	-	-	817								
Munc Sustain. Initiative - MSI	-	-	2,668	6,215	6,215	6,215	6,215	27,528								
Local Improvements Prop. Share	-	24	6	115	100	100	100	445								
Total Financing	-	1,893	4,601	8,094	8,202	8,298	8,399	39,487								
Description																
<p>This Project Profile focuses on the Major Arterial Network and includes funding for rehabilitation and replacement of existing &amp; installation of new street lighting and walkway lighting.</p> <p>1. Rehabilitation 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, structural integrity is poor or critical (failure imminent) &amp; therefore must be replaced. Failure to complete this program potentially has impacts to the Operating &amp; Maintenance budget as well as risk to the City through claims resulting from fallen poles. Since 1997, 61 street light poles have fallen due to structural failure from deterioration.</p> <p>2. Enhance lighting conditions at intersections along arterial, collector, &amp; residential roadways to increase visibility of pedestrians to motorists. This project was initiated in the early 1980's as a component of Community Safe Streets program &amp; has continued since to enhance early identification, safety &amp; awareness of pedestrians. This project also includes luminaire replacement at various arterial corridors to increase lighting and meet recommended TAC lighting level guidelines.</p> <p>3. Walkway Lighting: Installation of walkway lighting in areas with a potential of high crime as per Safe Cities recommendations to improve safety through environmental design.</p>																
<table border="1"> <thead> <tr> <th colspan="2">Project Cost Breakdown</th> </tr> </thead> <tbody> <tr> <td>Contract Work</td> <td>\$ 38,037</td> </tr> <tr> <td>Consultant</td> <td>1,450</td> </tr> <tr> <td colspan="2"> <div> <div>Last Updated: 15-SEP-2010</div> <div>\$ 39,487</div> </div> </td> </tr> </tbody> </table>									Project Cost Breakdown		Contract Work	\$ 38,037	Consultant	1,450	<div> <div>Last Updated: 15-SEP-2010</div> <div>\$ 39,487</div> </div>	
Project Cost Breakdown																
Contract Work	\$ 38,037															
Consultant	1,450															
<div> <div>Last Updated: 15-SEP-2010</div> <div>\$ 39,487</div> </div>																

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Street Lighting Rehabilitation	09-66-1260
<p>4. Quality Assurance Control and Condition Analysis: The Q&amp;A program ensures equipment received complies with specifications and includes inspection during pole manufacturing &amp; prior to shipping &amp; galvanizing process. Sustained five-year condition analysis and inspection of existing infrastructure for structural integrity is also completed.</p> <p>5. Approved Alley Lighting Requests, as per City Local Improvement Policy is funded from this Project Profile, cost recovery is 100% via the Local Improvement Process.</p> <p>Justification</p> <p>This project profile includes replacement/rehabilitation of the aging streetlight infrastructure. The Department has achieved cost savings both with maintenance and energy consumption through innovative design and new streetlight technology.</p> <p>Strategic objectives 7.5 and 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>Corporate Business Plan Strategic Goals 3.4: Infrastructure and Physical Environment, Strategic Initiatives.</p> <p>Plan Edmonton Strategy 4.1.5: Meet accepted standards for provision and maintenance of infrastructure while minimizing cost.</p> <p>Project Profile Funding Allocation</p> <p>Street Lighting Rehabilitation - \$1,594K</p> <p>Pedestrian Circulation System Safety Measures (Walkway Lighting) -- \$24K</p> <p>Developer Projects - \$15K</p> <p>Source of Estimates Preliminary Design: +/- 30%</p>		
Last Updated:	15-SEP-2010	

COMPOSITE			Transportation (thousands of dollars)																		
PROGRAM: Transit																					
PROJECT NAME: LRT Fleet, Facilities & Equipment Rehab			09-66-1270																		
Group-Criteria: A-100 Projects With Budget Approval			Project Manager: Stolte C.																		
Outcome: Transform Edmonton's Urban Form			Focus: Strategically invest in select infrastructure																		
BUDGET			Prior Years	2010	2011	2012	2013	2014	Total												
Budget as Approved			3,122	17,209	5,430	2,500	-	-	28,261												
Change			-	-	-	-	-	-	-												
Revised Budget			3,122	17,209	5,430	2,500	-	-	28,261												
FUNDING EARMARKED FOR FUTURE EXPENDITURES																					
Existing Plan Expenditures			-	-	-	6,893	10,492	11,047	28,432												
Change			-	-	-	-	-	-	-												
Revised Expenditures			-	-	-	6,893	10,492	11,047	28,432												
TOTAL CAPITAL EXPENDITURE PLAN			3,122	17,209	5,430	9,393	10,492	11,047	56,693												
Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total												
General Financing	-		354	3,588	421	1,085	492	939	6,879												
Federal Grant	-		360	-	-	-	-	-	360												
Munc Sustain. Initiative - MSI	-		-	6,902	2,500	4,308	10,000	7,108	30,818												
Fuel Rebate	-		2,408	6,719	2,509	4,000	-	3,000	18,636												
Total Financing	-		3,122	17,209	5,430	9,393	10,492	11,047	56,693												
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:																					
<ul style="list-style-type: none"> <li>- repairs to corroded structural, electrical and mechanical components in the LRT stations, including structural repairs to the Coliseum Station platform,</li> <li>- replacement of LRT Station escalators (approaching failure condition),</li> <li>- provision of an electronic passenger information system in existing stations to meet the standard provided on the south LRT leg,</li> <li>- expansion of the fibre optic communication line between Churchill and Clareview to meet the communication standard provided for the remainder of the LRT line,</li> <li>- purchase of additional auxiliary equipment (snow blower, snow removal car, and insulated man lift) to meet the maintenance requirements for the SLRT extension,</li> <li>- replacement of the LRV propulsion control equipment,</li> <li>- replacement of LRT grade crossings and track sections approaching failure condition.</li> <li>- Purchase of CN ROW &amp; track fro 118 to 66 Street.</li> </ul>																					
Justification																					
Strategic Objective 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.																					
Items in this composite project are remedial actions required to maintain the																					
<table border="1"> <thead> <tr> <th colspan="2">Project Cost Breakdown</th> </tr> </thead> <tbody> <tr> <td>Design &amp; Construction</td> <td>\$ 40,831</td> </tr> <tr> <td>Equipment</td> <td>8,370</td> </tr> <tr> <td>Design</td> <td>4,492</td> </tr> <tr> <td>Land</td> <td>3,000</td> </tr> <tr> <td colspan="2"><b>\$ 56,693</b></td> </tr> </tbody> </table>										Project Cost Breakdown		Design & Construction	\$ 40,831	Equipment	8,370	Design	4,492	Land	3,000	<b>\$ 56,693</b>	
Project Cost Breakdown																					
Design & Construction	\$ 40,831																				
Equipment	8,370																				
Design	4,492																				
Land	3,000																				
<b>\$ 56,693</b>																					
Last Updated: 15-SEP-2010																					

## COMPOSITE

## Transportation

PROGRAM: Transit

PROJECT NAME: LRT Fleet, Facilities &amp; Equipment Rehab

09-66-1270

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 reflects the Department's priority to have infrastructure in a State of Good Repair & Safety.

It supports Council's initiative to Transform Edmonton's Urban Form by focusing on selected infrastructure components that require refurbishment in order to continue functioning effectively.

Source of Estimates Preliminary Design: +/- 30%

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	221	180	-	27	-
Total Impact	221	180	-	27	-

Last Updated: 15-SEP-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Central Station Rehabilitation

09-66-1271

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Budget	-	-	-	-	-	-	-

**FUNDING EARMARKED FOR FUTURE EXPENDITURES**

Existing Plan Expenditures	-	-	-	7,808	46,806	-	54,614
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	7,808	46,806	-	54,614

**TOTAL CAPITAL****EXPENDITURE PLAN**

-	-	-	7,808	46,806	-	54,614
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		-	-	-	3,300	26,224	-	29,524
General Financing	-		-	-	-	4,508	14,074	-	18,582
Munc Sustain. Initiative - MSI	-		-	-	-	-	6,508	-	6,508
Total Financing	-		-	-	-	7,808	46,806	-	54,614

**Description**

This project provides funds for repairs to Central LRT Station. Repairs include but are not limited to:

- repair and replacement of various components of the roadway (sidewalk, curb and gutter, and pavement)
- repairs to the roof structure (damaged through corrosion)
- replacement of the station roof structure waterproofing
- repairs to structural components within the station (damaged by corrosion as a result of water leakage)
- hard landscaping. These funds are for the area located directly above the Central Station and do not include any roadway or hard landscaping beyond the limits of the Station. Design in 2012 and construction in 2013.

Project to be coordinated with Capital City Downtown Plan Implementation 08-17-0347

**Justification**

As part of the Bridge Investment Strategy (B.I.S.), all 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. The Central Station roof is considered part of the bridge structure inventory.

Damage to the LRT station structure is extensive. If the structure is not repaired and water leakage is not arrested, damage to the structure will increase exponentially with an increased risk of catastrophic failure.

**Project Cost Breakdown**

Construction	\$	49,658
Design		4,956

Last Updated: 02-MAR-2010

\$ 54,614

## Transportation

PROGRAM: Transit

PROJECT NAME: Central Station Rehabilitation

09-66-1271

This project is also coordinated with the Arterial/Primary Highway Renewal/Crack Sealing project [09-66-1020], and Capital City Downtown Plan Implementation [09-17-0347].

The project reflects the Department's priority of maintaining infrastructure in a State of Good Repair & Safety. It supports Council's initiative to Transform Edmonton's Urban Form by focusing on investing in selected infrastructure requiring refurbishment identified in the LRFP.

**Impact on Operating:**

Operating Impacts are determined by Unfunded Bridge Renewal Needs addressed in Operating Service Packages.

Last Updated: 02-MAR-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: North East LRT Electrification Upgrade

08-66-1273

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	731	9,769	-	-	-	-	10,500
Change	-	-	-	-	-	-	-
Revised Budget	731	9,769	-	-	-	-	10,500

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

731	9,769	-	-	-	-	10,500
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Fuel Rebate	-	-	500	-	-	-	-	500
NDPT-New Deal Public Transit	-	731	9,269	-	-	-	-	10,000
Total Financing	-	731	9,769	-	-	-	-	10,500

## 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.

## Justification

Strategic Objective 5.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

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.

Source of Estimates Preliminary Design: +/- 30%

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010 Total Project Costs: \$10,000 Expenditures Beyond CPP Period: -\$500

## Project Cost Breakdown

Design	\$	1,031
Equipment		4,200
Construction		5,269

Last Updated: 15-SEP-2010

\$ 10,500



## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: LRV Retrofit Package

07-66-1280

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	7,016	4,760	17,728	12,651	-	-	42,155
Change	-	-	-	-	-	-	-
Revised Budget	7,016	4,760	17,728	12,651	-	-	42,155

**FUNDING EARMARKED FOR FUTURE EXPENDITURES**

Existing Plan Expenditures	-	-	-	-	1,157	1,214	2,371
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	1,157	1,214	2,371

**TOTAL CAPITAL****EXPENDITURE PLAN**

7,016	4,760	17,728	12,651	1,157	1,214	44,526
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		-	850	6,875	1,101	-	500	9,326
NDPT-New Deal Public Transit	-		7,015	2,510	10,203	10,810	-	-	30,538
Other	-		-	850	-	-	-	-	850
General Financing	-		1	550	650	740	1,157	714	3,812
Total Financing	-		7,016	4,760	17,728	12,651	1,157	1,214	44,526

**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.

**Justification**

Strategic Objective 5.1 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

Work in this project is required as a mid-life upgrade to the LRT Vehicles to ensure they meet their 40 year design life and so they are available to maintain the operational capacity and reliability of the LRT system. The major electrical 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.

**Project Cost Breakdown**

Equipment \$ 43,676

Last Updated: 18-NOV-2010

\$ 43,676

## Transportation

PROGRAM: Transit

PROJECT NAME: LRV Retrofit Package

07-66-1280

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.

This projects supports the Department's priority of maintaining infrastructure in a State of Good Repair & Safety.

It supports Council's initiative to Transform Edmonton's Urban Form through focusing on strategic investing in key infrastructure identified in the LRFP as requiring significant investment. It is also focuses on improving safety of both passengers and operation of the equipment.

Source of Estimates Award: +/- 10%

### Change from Previous Approval

\$1.7M required to fund truck frame replacements:

\$850K transferred from profile 07-66-1651.

Balance of \$850K recommended from one-time tax-tupported debt servicing reduction.

### Change of Scope

Power truck frames experiencing corrosion and new frames required on several units to maintain safe operation.

### Total Project Cost /Timing (in \$000's)

Completion Year: 2014 Total Project Costs: \$28,626 Expenditures Beyond CPP Period: -\$15,900

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	40	80	-	-	-
Total Impact	40	80	-	-	-

Last Updated: 18-NOV-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Transit								
PROJECT NAME: Bus Fleet Replacement		09-66-1281						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stolle C.						
Outcome: Transform Edmonton's Urban Form		Focus: Other--maintenance of current service standards						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		31,957	4,458	8,724	2,200	750	-	48,089
Change		-	-	-	-	-	-	-
Revised Budget		31,957	4,458	8,724	2,200	750	-	48,089
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	7,223	5,952	10,250	23,425
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	7,223	5,952	10,250	23,425
TOTAL CAPITAL EXPENDITURE PLAN		31,957	4,458	8,724	9,423	6,702	10,250	71,514
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Fuel Rebate	-	17,776	1,540	3,237	2,300	-	3,823	28,676
Munc Sustain. Initiative - MSI	-	13,600	-	4,000	4,000	5,000	5,000	31,600
Financial Stabilization Resrv.	-	-	1,000	1,050	2,200	750	-	5,000
General Financing	-	581	1,918	437	923	952	1,427	6,238
Total Financing	-	31,957	4,458	8,724	9,423	6,702	10,250	71,514
<b>Description</b> This project will support the replacement of aging transit buses in the existing fleet. The Edmonton Transit bus fleet must be replaced on a regular and predictable basis in order to develop and implement a lifecycle maintenance plan that will ensure economical and reliable service. 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 <ul style="list-style-type: none"> <li>* Increase service reliability and avoid considerable maintenance cost</li> <li>* Offers the potential to reduce greenhouse gas emissions</li> <li>* Presents a safe, clean, modern bus fleet image to improve Customer service and increase ridership.</li> </ul> The Buses purchased in 1993/94 will be beyond their rated useful life in the next few years. This project will replace the aging buses with Clean Diesel buses. Unfunded project 09-66-1381 identifies the premium to replace the aging buses with Hybrid Diesel.  DATS replacement vehicles will be purchased within this profile. Financing will be provided through Fleet Services reserve as vehicles are purchased up to the budgeted \$5,000,000.  Depending on the service needs and availability on road infrastructure articulated (18 m) low floor buses will be purchased in place of some or all of the 12 m low floor buses								
					Project Cost Breakdown Equipment \$ 71,514			
Last Updated: 15-SEP-2010					\$ 71,514			

COMPOSITE	Transportation
PROGRAM:	Transit
PROJECT NAME:	Bus Fleet Replacement 09-66-1281
<p>Justification</p> <p>Strategic Objective 5.2 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.</p> <p>Failure to provide these new buses in a timely fashion increases the maintenance cost and the risk of not providing reliable service which ultimately reduce ridership and cause Edmonton's Public Transportation to operate at a largely increased cost.</p> <p>This project reflects the Transportation Department's priority to maintain infrastructure in a State of Good Repair &amp; Safety.</p> <p>Supports Council's initiative to Transform Edmonton's Urban Form with a focus on maintaining current service standards. With new buses replacing old obsolete units, maintenance costs are reduced and service reliability issues are addressed.</p> <p>Source of Estimates                      Detailed Design: +/- 20%</p>	
Last Updated:	15-SEP-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: ETS Radio System Replacement

06-66-1291

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	8,554	1,118	-	-	-	-	9,672
Change	-	-	-	-	-	-	-
Revised Budget	8,554	1,118	-	-	-	-	9,672

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

8,554	1,118	-	-	-	-	9,672
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		8,359	-	-	-	-	-	8,359
General Financing	-		195	1,118	-	-	-	-	1,313
Total Financing	-		8,554	1,118	-	-	-	-	9,672

## Description

Single project for replacement of the Bus/LRT Radio System with a new voice radio system.

The project provides a radio system that will address current Transit needs for voice radio communication, and which will also align with long-term Transit and COE radio and data communications strategies. Project elements include the supply and installation of radios for the LRV, ETS bus fleet and operational support vehicles, portable radios, base stations, required radio network equipment, and the software for managing data transmission.

## Justification

Strategic Objective 5.5 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

The Bus/LRT Radio System was last replaced in 1989 and much of the equipment has reached its design life. If the system is not replaced, failure is imminent. The radio system is a critical element for the safety of public and staff, and for responding to field emergencies. It also is key in managing service changes and issues on the road.

The project is a priority for the Department in ensuring infrastructure is maintained in a State of Good Repair & Safety.

It supports Council's initiative to Transform Edmonton's Urban Form by focusing on the investment in selected infrastructure identified in the LRFP as requiring replacement in order to sustain its operating capability.

## Project Cost Breakdown

Installation costs	\$	1,457
Equipment		7,719
Design		496

Last Updated: 15-SEP-2010

\$ 9,672

## Transportation

PROGRAM: Transit

PROJECT NAME: ETS Radio System Replacement

06-66-1291

The project is a priority for the Department in ensuring infrastructure is maintained in a State of Good Repair & Safety.

It supports Council's initiative to Transform Edmonton's Urban Form by focusing on the investment in selected infrastrucure identified in the LRFP as requiring replacement in order to sustain it's operating capability.

Source of Estimates Detailed Design: +/- 20%

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	100	100	-	-	-
Total Impact	100	100	-	-	-

Last Updated: 15-SEP-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Replace LRT Signal System

09-66-1296

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	187	16,045	14,868	-	-	-	31,100
Change	-	-	-	-	-	-	-
Revised Budget	187	16,045	14,868	-	-	-	31,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	4,000	4,000
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	4,000	4,000

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Infra Stimulus Fund - Federal	-		62	9,870	-	-	-	-	9,932
Tax-Supported Debt	-		125	4,875	4,934	-	-	-	9,934
Fuel Rebate	-		-	1,300	-	-	-	3,000	4,300
General Financing	-		-	-	-	-	-	1,000	1,000
Munc Sustain. Initiative - MSI	-		-	-	9,934	-	-	-	9,934
Total Financing	-		187	16,045	14,868	-	-	4,000	35,100

## 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.

## Justification

Strategic Objective 5.1 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

The current signal system was installed in 1978 for the opening of the NE LRT line and the relay logic control equipment is obsolete. The upgrade will replace the relay logic with computerized logic which will enable the system to be operated reliably for the next 25-30 years.

The current line is signaled for single direction operation which requires manual operation to be used to work around a track blockage and also requires crossing protection to be manually activated. The bi-directional operating capability will improve service reliability, speed up operation when there is a track blockage and improve safety of train operation through the ability to have automatic route selection and train protection, and by automatically activating grade crossing protection when operating trains in either direction on both tracks.

## Project Cost Breakdown

Equipment	\$	4,000
Design & Construction		28,600
Engineering		2,500

Last Updated: 16-NOV-2010

\$ 35,100

## Transportation

PROGRAM: Transit

PROJECT NAME: Replace LRT Signal System

09-66-1296

If the project is not approved, system reliability will be adversely impacted as replacement parts become unavailable. Significant delays in operation will be experienced when there are track blockages and manual operation is required. During manual operations, the potential for an accident at grade crossings or with other trains is significantly increased. This project supports Council's initiative to transform Edmonton's Urban Form with a focus on strategic investment in infrastructure identified in the LRFP. The signal system is a key safety system for LRT operation and will enable a more reliable flexible service capability.

Source of Estimates Detailed Design: +/- 20%

### Change from Previous Approval

BA69: Funding source has been substituted with MSI.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	-	-	75	75	-
Total Impact	-	-	75	75	-

Last Updated: 16-NOV-2010



COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Transit								
PROJECT NAME: Bus Facilities & Equipment Rehab		09-66-1410						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Stolte C.						
Outcome: Transform Edmonton's Urban Form		Focus: Strategically invest in select infrastructure						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		4,723	5,821	4,749	-	-	-	15,293
Change		-	-	-	-	-	-	-
Revised Budget		4,723	5,821	4,749	-	-	-	15,293
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	4,377	4,294	5,461	14,132
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	4,377	4,294	5,461	14,132
TOTAL CAPITAL EXPENDITURE PLAN		4,723	5,821	4,749	4,377	4,294	5,461	29,425
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	130	1,070	849	377	1,294	461	4,181
Fuel Rebate	-	4,593	4,751	3,900	4,000	3,000	5,000	25,244
Total Financing	-	4,723	5,821	4,749	4,377	4,294	5,461	29,425
<b>Description</b> 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, equipments and garages. Major planned projects in 2009 to 2013 include: <ul style="list-style-type: none"> <li>- Repairs and replacement of deteriorated bus stop and shelter pads</li> <li>- Ongoing accessibility modification to existing shelters</li> <li>- Minor bus garage leasehold improvements</li> <li>- Repairs to corroded, spalling and unstable concrete slabs at Transit Centres</li> <li>- Refurbishing Jasper Place Transit Centre facility</li> <li>- Commone rail engine replacement</li> </ul>								
<b>Justification</b> Strategic Objective 5.2 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.  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: <ul style="list-style-type: none"> <li>- Future repair costs for bus pads and stops will increase exponentially</li> <li>- An increase in legal actions against the city due to deteriorated and failed infrastructure.</li> <li>- Patrons with disabilities will continue to have major difficulties utilizing public transportation</li> </ul>								
					<b>Project Cost Breakdown</b> Construction                 \$         24,461 Equipment                                 4,964			
Last Updated: 15-SEP-2010					\$ 29,425			

COMPOSITE		Transportation	
PROGRAM:	Transit		
PROJECT NAME:	Bus Facilities & Equipment Rehab		09-66-1410
<p>- Operational costs will increase due to inefficiencies and loss of productivity</p> <p>- 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. This project supports Council's initiative to Transform Edmonton's Urban Form by focusing on strategic investment in infrastructure identified in the LRFP requiring rehabilitation in order to ensure it remains operational.</p>			
Last Updated: 15-SEP-2010			

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Transit								
PROJECT NAME: Transp Computer Equipment/Applications		09-66-1420						
Group-Criteria: A-100 Projects With Budget Approval		Project Manager: Beecher B.						
Outcome: Transform Edmonton's Urban Form		Focus: Strategically invest in select infrastructure						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		321	1,124	2,857	-	-	-	4,302
Change		-	-	-	-	-	-	-
Revised Budget		321	1,124	2,857	-	-	-	4,302
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	1,254	1,771	990	4,015
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	1,254	1,771	990	4,015
TOTAL CAPITAL EXPENDITURE PLAN		321	1,124	2,857	1,254	1,771	990	8,317
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-	-	-	-	-	-	400	400
General Financing	-	321	1,124	2,857	1,254	1,771	590	7,917
Total Financing	-	321	1,124	2,857	1,254	1,771	990	8,317
<b>Description</b> This project provides for the software acquisition and/or application development, including new computing infrastructure, to meet planned and emergent Transportation business needs. It also addresses associated project management and space costs.  For 2009 / 2011, the department's IT Strategic Plan has identified a number of strategic initiatives and related projects. Specifically, the strategic initiative for Application Renewal will see the Transit Operator Performance System (TOPS) and the end-user developed Bus Operator Supervisor Access database replaced or upgraded using current technologies. A number of Access applications will be examined under this initiative and will either be replaced or upgraded using current technologies. The Customer Information strategic initiative calls for Edmonton Transit's Web Trip Planner to be re-written or replaced with a commercial packaged application. A Performance Measurement System for the department will be defined and implemented, likely using a Business Intelligence toolset as part of the Business Performance strategic initiative. The Business Process/Workflow strategic initiative identifies a foundational component in process/workflow requirements definition and solution implementation. The business processes and information systems for recording accidents/incidents in both Transit and Roadways will be examined. Transit uses the Accident Management Information System (AMIS) and Roadways uses the Accident/Incident Information System.  The DATS MDT System will be upgraded and MDT Units replaced. HASTUS modules for run-cutting and shift design will also be upgraded.  This project also provides for hardware and software upgrades required for additional capacity (e.g. disk, server, etc.) due to growth, and to maintain supported levels of software. Growth will occur due to increased business and an								
		Project Cost Breakdown Application Development\$ 2,900 Hardware / Software 5,417						
Last Updated: 18-NOV-2010		\$ 8,317						

## COMPOSITE

## Transportation

PROGRAM: Transit

PROJECT NAME: Transp Computer Equipment/Applications

09-66-1420

increase in the number of users. It also includes the replacement of computing infrastructure that is not planned for and funded by the IT Branch. Plotters, printers, scanners, etc. are replaced to ensure the Department can maintain an approved level of technology.

## Justification

Strategic Objective 5.2 and 10.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

This project aligns with City Council's Goal to Diversify Edmonton's Economy by improving the capacity and capability of the Department, through the use of technology, to deliver transportation services to business and citizens. It supports Council's initiative to Transform Edmonton's Urban Form by focusing on selected infrastructure components that require refurbishment in order to continue functioning effectively. This project is in part mandated by Senior Management Team to maintain current and supported levels of hardware and software. It is the responsibility of the Department to acquire capital funding to purchase the computing resources needed to accommodate new growth and emergent business requirements. It addresses the Service Challenge: Improving citizen service through technology. Additionally, it follows direction provided in the Transportation IT Strategic Plan, approved by the department management team in August 2007.

## Change from Previous Approval

BA69 based on latest information cashflow \$900K Fuel from 2010 to 2011. BA66 Tranfer General Financing to new SMARTBUS project 11-66-1293, 2011/\$900K

Impact on Operations	2010	2011	2012	2013	2014
Contract	80	-	-	-	-
Total Impact	80	-	-	-	-

Last Updated: 18-NOV-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: DATS Computer System

06-66-1423

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Reduce barriers to use of different transp mode

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,735	907	-	-	-	-	3,642
Change	-	-	-	-	-	-	-
Revised Budget	2,735	907	-	-	-	-	3,642

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

2,735	907	-	-	-	-	3,642
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		2,133	667	-	-	-	-	2,800
General Financing	-		602	240	-	-	-	-	842
Total Financing	-		2,735	907	-	-	-	-	3,642

## Description

The replacement of the DATS Computer System affects all areas of DATS service from client registration records, complaints handling, trip booking, dispatch, and driver and vehicle records. A review of the DATS scheduling system recommended the incorporation of scheduling software into a new or upgraded DATS software package that would integrate all elements of the DATS business.

The new computer software will position DATS operations to take advantage of new technology, including IVR and web-based applications for improved customer access to services and information and maximizing the potential with the new mobile data terminals and AVL on board the vehicles and in the dispatch center.

## Justification

Strategic Objective 5.3 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

This project aligns with City Council's Outcome for responsible and responsive government. DATS Computer System upgrade or replacement is required to achieve the IT standard for a 10 year software life cycle. Integration of DATS scheduling software into this system is a DATS Review recommendation supported in the Transportation Master Plan (TMP) and the 2002 City Manager's DATS Review.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focusing on the reduction of barriers to use of the DATS and Transit system through the automation of the scheduling function of DATS patrons.

## Project Cost Breakdown

Construction	\$	2,042
Design		700
Computer Equipment		900

Last Updated: 15-SEP-2010

\$ 3,642

# Transportation

PROGRAM: Transit

PROJECT NAME: DATS Computer System

06-66-1423

Source of Estimates Award: +/- 10%

Impact on Operations	2010	2011	2012	2013	2014
Services	105	14	-	-	-
Total Impact	105	14	-	-	-

Last Updated: 15-SEP-2010

COMPOSITE			Transportation (thousands of dollars)																		
PROGRAM: Roads																					
PROJECT NAME: Sidewalk,MultiuseTrails,BikePaths-Growth			09-66-1430																		
Group-Criteria: A-100 Projects With Budget Approval			Project Manager: Latte B.																		
Outcome: Shifting Edmonton's Transportation Mode			Focus: Reduce barriers to use of different transp mode																		
BUDGET			Prior Years	2010	2011	2012	2013	2014	Total												
Budget as Approved			2,276	9,819	6,165	-	-	-	18,260												
Change			-	-	-	-	-	-	-												
Revised Budget			2,276	9,819	6,165	-	-	-	18,260												
FUNDING EARMARKED FOR FUTURE EXPENDITURES																					
Existing Plan Expenditures			-	-	-	1,845	1,954	1,960	5,759												
Change			-	-	-	-	-	-	-												
Revised Expenditures			-	-	-	1,845	1,954	1,960	5,759												
TOTAL CAPITAL EXPENDITURE PLAN			2,276	9,819	6,165	1,845	1,954	1,960	24,019												
Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total												
Munc Sustain. Initiative - MSI	-		1,050	6,950	3,600	-	-	-	11,600												
General Financing	-		1,226	2,769	2,565	1,845	1,954	1,960	12,319												
Local Improvements Prop. Share	-		-	100	-	-	-	-	100												
Total Financing	-		2,276	9,819	6,165	1,845	1,954	1,960	24,019												
Description																					
This program provides for the design and construction of facilities for Active Transportation to improve accessibility and enhance safety.																					
Facilities include:																					
Sidewalks and Shared-Use Paths: The expansion and enhancement of Edmonton's network of pedestrian and off-street cycling facilities is undertaken in accordance with the 2009 Sidewalk Strategy and 2009 Bicycle Transportation Plan. Priorities are set to improve connections for overall system continuity and to address safety concerns; where possible, construction is coordinated with neighbourhood, collector, and arterial renewal projects.																					
Curb Ramps: Universal accessibility is addressed through the provision of curb ramps at all pedestrian crossings; priority locations are based on requests by users, with consideration given to significant pedestrian generators and transit routes, as well as neighbourhoods receiving preventative maintenance through asphalt overlay work.																					
Inaccessible Bus Stops: A portion of the program is dedicated to addressing the connection of existing bus stops to the sidewalk network, in accordance with the principles of universal accessibility, through the construction of bus pads, sidewalk connections and curb ramps.																					
On-Street Cycling Facilities: The City's Bicycle Transportation Plan defines a network of bicycle routes where bicycle lanes and shared-use lanes will provide cyclists with the infrastructure to ensure that no cyclist is more than a five-																					
<table><tr><td colspan="2">Project Cost Breakdown</td></tr><tr><td>Construction</td><td>\$ 22,095</td></tr><tr><td>Design</td><td>424</td></tr><tr><td>Land</td><td>1,500</td></tr><tr><td colspan="2"></td></tr><tr><td></td><td>\$ 24,019</td></tr></table>										Project Cost Breakdown		Construction	\$ 22,095	Design	424	Land	1,500				\$ 24,019
Project Cost Breakdown																					
Construction	\$ 22,095																				
Design	424																				
Land	1,500																				
	\$ 24,019																				
Last Updated: 25-NOV-2010																					

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Sidewalk,MultiuseTrails,BikePaths-Growth	09-66-1430
<p>minute ride from an on-street bicycle facility; priorities are defined based on connectivity between significant generators of cycling trips with consideration given to "cross-town" routes, as well as the coordination of construction with road works requiring re-paving.</p>		
<p>Wooden Stairways: Wooden stairways are provided to maintain safe connections in the City's river valley and ravine system.</p>		
<p>Bicycle Racks: In accordance with the Bicycle Transportation Plan, a bike rack program has been established to provide on-street end-of-trip bicycle parking within key mixed-use areas of the City, including the Downtown and Whyte Avenue.</p>		
Justification		
<p>Strategic objectives 6.1 "The City will create a walkable environment"; 6.2 "The City will create a cycle-friendly city"; and 6.3 "The City will create an integrated network of multi-use trail [shared-use path] facilities". of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009. Active Transportation Policy C544 approved by City Council on November 24, 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."</p>		
Change from Previous Approval		
<p>BA67: Funds transferred from 09-66-1055 to fund the sidewalk rehabilitation in Eastgate Industrial.</p>		
Last Updated:	25-NOV-2010	



## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: 105 Avenue Multi-Use Trail

06-66-1432

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	130	-	-	1,706	-	-	1,836
Change	-	-	-	-	-	-	-
Revised Budget	130	-	-	1,706	-	-	1,836

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

130	-	-	1,706	-	-	1,836
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Other	-	-	-	-	1,706	-	-	1,706
General Financing	-	130	-	-	-	-	-	130
Total Financing	-	130	-	-	1,706	-	-	1,836

## Description

The 105 Avenue corridor limits extend from 97 Street on the east to 119 Street on the west, including connecting streets within these boundaries. The Council approved Preliminary Design Study for this corridor provided conceptual drawings and cost estimates to advance the strategic direction for 105 Avenue through an integrated urban design.

The intent of the 105 Avenue corridor project is to:

- foster the integration of land uses and transportation
- support Transit Orientated Development (TOD)
- improve connections to promote walkability and multi-modal transport
- foster a sense of place while respecting the needs of diverse user groups
- encourage safety and security
- manage parking, access and circulation
- encourage the development of active street fronts

The inclusion of funding in 2012 is allocated for the Streetscape component of the project between 101 and 105 Street [coordinate with 08-66-1672]. Financing for the construction of 105 Avenue corridor will be undertaken through a partnership between the City and adjacent land owners and developers, and will be staged over a number of years; innovative financing strategies are currently being researched.

## Justification

Commencing in 2004, the City prepared a strategic development plan for the Downtown North Edge area, to provide a framework for the transition of the area to a mixed-use community. In support of this strategic plan, a Preliminary Design Study for the 105 Avenue corridor was completed and approved by City

## Project Cost Breakdown

Construction	\$	1,706
Design		130

Last Updated: 02-JUN-2010

\$ 1,836

## Transportation

PROGRAM: Roads

PROJECT NAME: 105 Avenue Multi-Use Trail

06-66-1432

Council in 2005.

The design emphasis for the 105 Avenue corridor promotes the use of non-motorized modes in a busy urban setting, in accordance with the City's Transportation Master Plan (1999), Multi-Use Trail Corridor Strategy (2001), the Downtown North Edge Planning Study (2005), Smart Choices for Developing our Community (2003), and the project charter for the Walkable Edmonton Strategy (2003).

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

Design funds from 06-66-1432 (105 Avenue Multi-Use Trail) have been added to this program.

Last Updated: 02-JUN-2010

COMPOSITE

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Arterial Network Improvements

09-66-1440

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Latte B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		36,085	31,316	29,981	-	-	-	97,382
Change		-	-	-	-	-	-	-
Revised Budget		36,085	31,316	29,981	-	-	-	97,382

FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures		-	-	-	12,800	23,890	13,985	50,675
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	12,800	23,890	13,985	50,675

TOTAL CAPITAL EXPENDITURE PLAN

		36,085	31,316	29,981	12,800	23,890	13,985	148,057
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		6,359	7,770	9,000	4,770	4,770	10,273	42,942
Local Improvements Prop. Share	-		-	1,472	7,339	-	-	-	8,811
Developer Financing	-		2,333	2,400	-	-	-	-	4,733
Fuel Rebate	-		10,482	14,639	9,795	6,500	18,000	3,000	62,416
General Financing (non-TCA)	-		26	-	-	-	-	-	26
AMIP	-		13,129	3,958	-	-	-	-	17,087
General Financing	-		3,756	1,077	3,847	1,530	1,120	712	12,042
Total Financing	-		36,085	31,316	29,981	12,800	23,890	13,985	148,057

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

Project Cost Breakdown

Construction

\$ 128,008

Design

18,236

Land

1,813

Last Updated: 16-NOV-2010

\$ 148,057

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Arterial Network Improvements	09-66-1440
<p>           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]            9. Scona Rd: (Saskatchewan Dr - 98 Ave)[Widen Southbound lanes](Fall 2010 SBA)         </p> <p><b>Justification</b></p> <p>Strategic objectives 5.2, 7.3, 7.6, and 8.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p> <p>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.</p> <p>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.</p> <p><b>Impact on Operating:</b></p> <p>Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.</p> <p><b>Change from Previous Approval</b></p> <p>Cash flow \$6.0M savings from recosting of approved projects from 2010 to 2011 in order to fund the addition of Scona Road in 2011.</p> <p>Transfer \$2.0M savings from recosting of projects to 06-66-1612 to fund addition of Callingwood and Lessard Road Connectors.</p>		
Last Updated:	16-NOV-2010	

## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Whitemud Dr / Terwillegar Dr - Stage 1

03-66-1461

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stephenson B.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	38,371	734	-	-	-	-	39,105
Change	-	-	-	-	-	-	-
Revised Budget	38,371	734	-	-	-	-	39,105

**FUNDING EARMARKED FOR FUTURE EXPENDITURES**

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	38,371	734	-	-	-	-	39,105
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		33,948	-	-	-	-	-	33,948
General Financing	-		1,996	734	-	-	-	-	2,730
AMIP	-		2,427	-	-	-	-	-	2,427
Total Financing	-		38,371	734	-	-	-	-	39,105

**Description**

This project provides for the design and commencement of construction of Stage 1 of the Whitemud Drive /Terwillegar Drive project, from 149 Street to Terwillegar Drive/40 Avenue.

The following locations are proposed as Stage 1 (2006 - 2010 CPP):

1. 23 Avenue widening from Hodgson Way to 119 Street (Design/construction 2007; Final overlay 2009).
2. 119 Street widening from 23 Avenue to 34 Avenue (Design/construction 2007; Final overlay 2009).

**Justification**

Strategic objectives 5.2, 7.1, 7.3, 7.6, 8.1, and 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.

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 operating at capacity during the peak hours. Implementation of improvements to 119 Street and 23 Avenue provide additional capacity to support the network during peak hours.

Project Cost Breakdown	
Construction	\$ 25,648
Design	13,457

Last Updated: 15-SEP-2010

\$ 39,105

## Transportation

PROGRAM: Roads

PROJECT NAME: Whitemud Dr / Terwillegar Dr - Stage 1

03-66-1461

### Impact on Operating

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Source of Estimates      Conceptual: +/- 50%

### Total Project Cost /Timing (in \$000's)

Completion Year: 2011	Total Project Costs: \$180,865	Expenditures Beyond CPP Period:	\$141,760
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Last Updated: 15-SEP-2010

## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Whitemud Drive/Quesnell Bridge Rehab/Grw

08-66-1462

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	76,104	84,572	-	-	-	-	160,676
Change	-	-	-	-	-	-	-
Revised Budget	76,104	84,572	-	-	-	-	160,676

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

76,104	84,572	-	-	-	-	160,676
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	76,104	68,952	-	-	-	-	145,056
Fuel Rebate	-	-	15,620	-	-	-	-	15,620
Total Financing	-	76,104	84,572	-	-	-	-	160,676

## 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).
4. Noise attenuation as approved by Council (construction 2010).
5. Widening and rehabilitation of Whitemud Drive to three (3) continuous lanes between 53 Avenue and Tewillegar Drive (construction 2010).
6. Quesnell Bridge & Fox Drive overpass Bridge Deicing system. (construction 2009/2010).

All design costs have been previously accounted in Council approved project 03-66-1461 (Whitemud/Terwillegar Stage 1)

## Project Cost Breakdown

Construction	\$	160,676
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Last Updated: 18-APR-2010

\$	160,676
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## Transportation

PROGRAM: Roads

PROJECT NAME: Whitemud Drive/Quesnell Bridge Rehab/Grw

08-66-1462

The expected life of the asset is 25 to 30 years. Tax supported Debt would have a debenture term of up to 25 years.

### Justification

Strategic objectives 5.2, 7.1, 7.3, 7.6, 8.1, and 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.

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.

Last Updated: 18-APR-2010



COMPOSITE		Transportation (thousands of dollars)																
PROGRAM: Roads																		
PROJECT NAME: Inner Ring Loop & Hghwy Connectors		09-66-1480																
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Latte B.																
Outcome: Transform Edmonton's Urban Form		Focus: Strategically invest in select infrastructure																
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		19,025	9,200	36,677	-	-	-	64,902										
Change		-	-	-	-	-	-	-										
Revised Budget		19,025	9,200	36,677	-	-	-	64,902										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	39,175	21,000	1,000	61,175										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	39,175	21,000	1,000	61,175										
TOTAL CAPITAL EXPENDITURE PLAN		19,025	9,200	36,677	39,175	21,000	1,000	126,077										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
Other	-	-	-	-	10,000	-	-	10,000										
Munc Sustain. Initiative - MSI	-	-	1,595	33,018	14,738	18,000	-	67,351										
General Financing	-	1,458	2,605	2,000	1,145	2,000	-	9,208										
AMIP	-	17,567	5,000	-	-	-	-	22,567										
Fuel Rebate	-	-	-	1,659	13,292	1,000	1,000	16,951										
Total Financing	-	19,025	9,200	36,677	39,175	21,000	1,000	126,077										
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:																		
<ul style="list-style-type: none"> <li>- Fort Road: (66 Street - 129 Avenue) [Widen to 6 lanes, land acquisition, and relocation of Belvedere Park &amp; Ride Lot] Construction 2008/2010. Construction 2011</li> <li>- Whitemud Drive: (17 Street) [Construct interchange] Construction 2011/2012</li> <li>- Whitemud Drive: (66 Street to 34 Street) [Widen to 6 lanes] Construction 2012.</li> <li>- 170 Street: (Whitemud Drive - 90 Avenue) [Widen to 4 southbound lanes] Construction in 2011.</li> <li>- 75 Street: (68 Avenue) [Realignment] Land in 2010.</li> <li>- Yellowhead Trail: (St. Albert Trail - 121 Street) [Widening to 4 eastbound lanes]</li> <li>- Rabbit Hill Road: (Anthony Henday) [Construct Interchange] Construction 2010</li> <li>- Fort Road 130 Avenue to 137 Avenue [Widening to 6 lanes] Utility relocate 2010, Construction 2011</li> </ul>																		
Justification																		
Strategic objectives 7.3, 8.1, and 9.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.																		
<table border="1"> <thead> <tr> <th colspan="2">Project Cost Breakdown</th> </tr> </thead> <tbody> <tr> <td>Land</td> <td>\$ 2,785</td> </tr> <tr> <td>Design</td> <td>9,000</td> </tr> <tr> <td>Construction</td> <td>114,292</td> </tr> <tr> <td colspan="2"> <div> <div>Last Updated: 18-NOV-2010</div> <div>\$ 126,077</div> </div> </td> </tr> </tbody> </table>									Project Cost Breakdown		Land	\$ 2,785	Design	9,000	Construction	114,292	<div> <div>Last Updated: 18-NOV-2010</div> <div>\$ 126,077</div> </div>	
Project Cost Breakdown																		
Land	\$ 2,785																	
Design	9,000																	
Construction	114,292																	
<div> <div>Last Updated: 18-NOV-2010</div> <div>\$ 126,077</div> </div>																		

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Inner Ring Loop & Hghwy Connectors	09-66-1480
<p>This project addresses existing and projected traffic operating concerns on the major highway connector facilities, and co-ordinates with work undertaken in surrounding municipalities.</p> <p>Impact on Operating:            Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.</p> <p>Source of Estimates              Conceptual: +/-    50%</p> <p>Change from Previous Approval</p> <p>BA66: Transfer funding to 06-66-1612 to fund the Callingwood and Lessard Road Highway Connectors.</p> <p>BA68: Transfer funds to 2011 due to work being deferred.</p> <p>BA40: Transfer funds to Operating for Rabbit Hill Rd Interchange.</p>		
<div style="border: 1px solid black; padding: 5px; display: inline-block;">             Last Updated:              18-NOV-2010           </div>		

## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: 23 Avenue/Gateway Interchange

06-66-1482

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Latte B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	168,056	39,628	42,766	-	-	-	250,450
Change	-	-	-	-	-	-	-
Revised Budget	168,056	39,628	42,766	-	-	-	250,450

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Developer Financing	-		3,000	1,912	-	-	-	-	4,912
General Financing	-		941	2,092	-	-	-	-	3,033
AMIP	-		110,200	4,750	-	-	-	-	114,950
Fuel Rebate	-		53,915	30,874	42,766	-	-	-	127,555
Total Financing	-		168,056	39,628	42,766	-	-	-	250,450

## 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

## Justification

Strategic objectives 7.3, 8.1, and 9.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.

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.

## Project Cost Breakdown

Construction	\$	240,450
Design		5,000
Land		5,000

Last Updated: 18-NOV-2010

\$ 250,450

## Transportation

PROGRAM: Roads

PROJECT NAME: 23 Avenue/Gateway Interchange

06-66-1482

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.

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

BA68: Switch AMIP for Fuel Rebate in order to use all AMIP in the current year.

Last Updated: 18-NOV-2010

## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: 41 Ave/Hwy 2 Interchange

10-66-1484

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Latte B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	-	7,590	15,000	15,000	-	37,590
Change	-	-	-	-	-	-	-
Revised Budget	-	-	7,590	15,000	15,000	-	37,590

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	-	-	7,590	15,000	15,000	-	37,590
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	-	248	-	-	-	248
North/South Trade Hwy Grant	-		-	-	7,342	-	-	-	7,342
Munc Sustain. Initiative - MSI	-		-	-	-	15,000	15,000	-	30,000
Total Financing	-		-	-	7,590	15,000	15,000	-	37,590

## Description

This project provides City contribution towards the completion of design, property acquisition and construction of the 41 Avenue/Highway 2.

The proposed schedule is as follows:

- Construction in 2012/2014

## Justification

Strategic objectives 7.3, 8.1, and 9.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.

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.

In 2007 the City and Province submitted our application under the Asia Pacific Gateway Initiative for the construction of this interchange. The project was approved under this program and the Federal Government has committed \$75 Million towards this project with the balance being funded by the City, Province and potentially other stakeholders. This project is integral to support ongoing development in the Heritage Valley and Ellerslie areas and will also support servicing of the future CP Intermodal yard.

Impact on Operating:

## Project Cost Breakdown

Construction	\$	24,590
Land		10,000
Design		3,000

Last Updated: 18-NOV-2010

\$ 37,590

## Transportation

PROGRAM: Roads

PROJECT NAME: 41 Ave/Hwy 2 Interchange

10-66-1484

Operating Impacts are determined by Inventory Growth of Roads addressed in  
Operating Services Packages.

## Change from Previous Approval

BA68: Design of interchange has been delayed. Project deferred until 2011.

Last Updated: 18-NOV-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Roads								
PROJECT NAME: Local Improvement Construction		09-66-1490						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Stephenson B.						
Outcome: Transform Edmonton's Urban Form		Focus: Improve city's urban architecture/form to env std						
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		185	66	5,000	-	-	-	5,251
Change		-	-	-	-	-	-	-
Revised Budget		185	66	5,000	-	-	-	5,251
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	5,000	5,000	5,000	15,000
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	5,000	5,000	5,000	15,000
TOTAL CAPITAL EXPENDITURE PLAN		185	66	5,000	5,000	5,000	5,000	20,251
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Local Improvements Prop. Share	-	185	66	5,000	5,000	5,000	5,000	20,251
Total Financing	-	185	66	5,000	5,000	5,000	5,000	20,251
<b>Description</b> This project provides for the enhancement of new sidewalks, curb and gutters, streets, lanes, railway spur tracks, commercial/industrial site access, and streetscape amenities for locations that have been petitioned by the adjacent property owners under the Local Improvement process.  The streetscape improvements will involve adjacent property owners and the applicable local Business Revitalization Zone (BRZ) association or owners group.  Streetscape improvement locations for 2009-2011, are currently under review and are subject to review with adjacent property owners.								
<b>Justification</b> Municipal Government Act (Section 397) and City Policy #C433D.  Local Improvement (Special Benefits) Bylaw for commercial/industrial site accesses.  This project is coordinated with Arterial/Primary Highway Renewal/Cracksealing, Neighbourhood Renewal and Great Neighbourhood programs.  Impact on Operating: Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.								
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Construction       \$       19,251            Design                1,000         </div>								
Last Updated: 16-NOV-2010		\$ 20,251						

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Local Improvement Construction	09-66-1490
<p>Change from Previous Approval</p> <p>BA65: Due to lack of current local improvement work available.</p>		
Last Updated: 16-NOV-2010		



COMPOSITE		<b>Transportation</b> (thousands of dollars)																
PROGRAM: Roads																		
PROJECT NAME: Streetscape Rehabilitation		09-66-1491																
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Stephenson B.																
Outcome: Transform Edmonton's Urban Form		Focus: Improve city's urban architecture/form to env std																
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		266	-	3,179	-	-	-	3,445										
Change		-	-	-	-	-	-	-										
Revised Budget		266	-	3,179	-	-	-	3,445										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	2,236	2,323	2,414	6,973										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	2,236	2,323	2,414	6,973										
TOTAL CAPITAL EXPENDITURE PLAN		266	-	3,179	2,236	2,323	2,414	10,418										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
General Financing	-	266	-	3,179	2,236	2,323	2,414	10,418										
Total Financing	-	266	-	3,179	2,236	2,323	2,414	10,418										
<b>Description</b> This project provides for the rehabilitation of streetscape amenities, for locations where standard maintenance levels no longer meet the needs and the 20-year life cycle has expired.  2009/2011 Streetscape rehabilitation locations are currently being reviewed.																		
<b>Justification</b> Strategic objective 10.1 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.  Executive Committee, August 23, 2000: Rehabilitation of streetscape improvement projects be funded by the City; replacement of streetscape improvement project be funded by the City, or by private interest, or a partnership between the two.  Projects will be assessed/prioritized, based on condition, service life, maintenance requirements, and opportunities for cost effective improvements and partnerships.  This project is coordinated with Arterial/Primary Highways Renewal/Cracksealing and Neighbourhood/Collector Renewal.  Funding is required to meet the needs of the City's early streetscape projects constructed in the mid - 1980's which will be 20 years old.  Impact on Operating: Operating Impacts are determined by Unfunded Streetscape Renewal Needs addressed in Operating Service Packages.																		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">\$ 9,907</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">511</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td colspan="2" style="text-align: right;">\$ 10,418</td> </tr> </table>							Project Cost Breakdown		Construction	\$ 9,907	Design	511			\$ 10,418	
Project Cost Breakdown																		
Construction	\$ 9,907																	
Design	511																	
\$ 10,418																		
Last Updated: 18-NOV-2010																		

COMPOSITE

## Transportation

PROGRAM:	Roads
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PROJECT NAME:	Streetscape Rehabilitation
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09-66-1491

### Change from Previous Approval

BA68: Work to commence in 2011.

Last Updated: 18-NOV-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)																
PROGRAM: Roads																		
PROJECT NAME: Ring Road Connectors		06-66-1612																
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Latte B.																
Outcome: Transform Edmonton's Urban Form		Focus: Strategically invest in select infrastructure																
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		15,767	35,806	36,218	-	-	-	87,791										
Change		-	-	-	-	-	-	-										
Revised Budget		15,767	35,806	36,218	-	-	-	87,791										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	-	-	-	-										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	-	-	-	-										
TOTAL CAPITAL EXPENDITURE PLAN		15,767	35,806	36,218	-	-	-	87,791										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
General Financing	-	4,408	1,061	2,638	-	-	-	8,107										
Fuel Rebate	-	2,491	7,755	17,049	-	-	-	27,295										
Developer Financing	-	248	2,785	11,531	-	-	-	14,564										
Munc Sustain. Initiative - MSI	-	-	1,900	5,000	-	-	-	6,900										
AMIP	-	8,620	22,305	-	-	-	-	30,925										
Total Financing	-	15,767	35,806	36,218	-	-	-	87,791										
Description																		
This project includes the design and construction/upgrading of arterial roadway connections to Anthony Henday Drive, which is being constructed by the Province of Alberta.																		
Justification																		
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. Alberta Transportation has commenced construction of the northwest section of Anthony Henday Drive (184 Street to Manning Drive.) Anticipated completion is October 2011.																		
The required connectors include the following: <ol style="list-style-type: none"> <li>1. 142 Street (153 Avenue - 167 Avenue) (First 2 lanes)</li> <li>2. 137 Avenue/170 Street (Widen to 4 lanes)</li> <li>3. 184 Street (CNR Intermodal Access - TUC) (Widen to 5 lanes)</li> <li>4. 66 Street (167 Avenue -TUC) (First 2 lanes)</li> <li>5. 66 Street (TUC-195 Avenue) (First 2 lanes)</li> <li>6. 82 Street (180 Avenue - TUC) (First 2 lanes)</li> <li>7. 167 Avenue (Manning Drive - 50 Street) (First 2 lanes)</li> <li>8. 153 Avenue (34 Street - Fort Road) (First 2 lanes)</li> <li>9. 34 Street (23 Avenue - TUC) (First 2 lanes)</li> <li>10. Callingwood Road (199 Street - 178 Street) (Widen) (Fall 2010 SBA)</li> </ol>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Project Cost Breakdown</td> </tr> <tr> <td>Land</td> <td style="text-align: right;">\$ 3,942</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">5,326</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">78,523</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; text-align: right;">\$ 87,791</td> </tr> </table>									Project Cost Breakdown		Land	\$ 3,942	Design	5,326	Construction	78,523	\$ 87,791	
Project Cost Breakdown																		
Land	\$ 3,942																	
Design	5,326																	
Construction	78,523																	
\$ 87,791																		
Last Updated: 26-NOV-2010																		

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Ring Road Connectors	06-66-1612
<p>11. Lessard Road (199 Street - TUC) (First 2 lanes) (Fall 2010 SBA)</p> <p>12. Lessard Road (TUC - 178 Street) (Widen) (Fall 2010 SBA)</p> <p>Impact on Operating:  Operating Impacts are determined by Inventory Growth of Roads addressed in  Operating Service Packages.</p> <p>Completion Year: 2011</p> <p>Source of Estimates      Conceptual: +/-    50%</p> <p>Change from Previous Approval</p> <p>Transfer \$7.0M savings due to recosting of projects from 09-66-1480 (\$5.0M) and 09-66-1440 (\$2.0M) to fund addition of Callingwood and Lessard Road Highway Connectors.</p>		
<div style="display: flex; justify-content: space-between;"> <span>Last Updated:</span> <span>26-NOV-2010</span> </div>		

COMPOSITE		<b>Transportation</b> (thousands of dollars)													
PROGRAM: Roads															
PROJECT NAME: Intelligent Transportation Systems		07-66-1640													
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Stephenson B.													
Outcome: Other - TEMPORARY		Focus: Other - TEMPORARY													
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total							
Budget as Approved		3,451	50	-	-	-	-	3,501							
Change		-	-	-	-	-	-	-							
Revised Budget		3,451	50	-	-	-	-	3,501							
FUNDING EARMARKED FOR FUTURE EXPENDITURES															
Existing Plan Expenditures		-	-	-	-	-	-	-							
Change		-	-	-	-	-	-	-							
Revised Expenditures		-	-	-	-	-	-	-							
TOTAL CAPITAL EXPENDITURE PLAN		3,451	50	-	-	-	-	3,501							
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total							
Fuel Rebate	-	2,283	-	-	-	-	-	2,283							
General Financing	-	1,168	50	-	-	-	-	1,218							
Total Financing	-	3,451	50	-	-	-	-	3,501							
<b>Description</b> Intelligent Transportation Systems (ITS) applies technology to manage traffic growth and congestion. This project funding is for implementation of new strategies to make more effective and efficient use of the available capacity of the existing transportation system. Strategies for implementation include: selected upgrades of existing traffic signal control equipment, improved traffic signal timing management, improved transit service management and transit priority, incident detection and management, and traveler information systems.															
<b>Specific Initiatives include:</b> 1. Continuation of development of Advanced Traffic Signal Control in specific city traffic signal networks to address congestion. 2. Implementation of initiatives to improve incident detection, response management and traveler information using CCTV cameras for monitoring and internet distribution to the public, traffic adaptive traffic signal control, road weather information for roadway users and Roadway Maintenance response on two river crossings, traffic management centre modification (to accommodate these systems) planning and design, system specification development and component testing before implementation. 3. Testing of Transit Priority at traffic signals along specified corridors, enhanced transit traveler information systems (based on High Speed Transit corridor studies). 4. Replacement of 2 (two) existing obsolete and outdated Dynamic Message Signs (DMS) along major arterial corridors.															
Strategic objectives 7.1, 7.2, and 7.4 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.															
<table border="1" style="margin-left: auto;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">\$ 325</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">3,176</td> </tr> </table>										Project Cost Breakdown		Design	\$ 325	Construction	3,176
Project Cost Breakdown															
Design	\$ 325														
Construction	3,176														
Last Updated: 15-SEP-2010		\$ 3,501													

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Intelligent Transportation Systems	07-66-1640
<p>Strategy 4.1.7 of Plan Edmonton, Bylaw No. 11777, approved August 31, 1998, provides a mandate to "Apply new &amp; emerging practices, technologies, &amp; innovations in the delivery of infrastructure &amp; services." More specifically, components of ITS can be implemented to address all of the strategies contained within Priority 4.3 (Movement of People &amp; Goods).</p>		
<p>The benefits to be realized through this program include: reduced delays &amp; shorter travel times, improved travel reliability, improved safety through operational improvements &amp; incident management, environmental benefits associated with less congestion (reduced fuel consumption &amp; vehicle emissions), improved arterial traffic progression &amp; less neighbourhood short-cutting, support for economic development through improved mobility &amp; accessibility, and the possible deferral of capital improvements by maximizing use of the existing infrastructure.</p>		
Justification		
<p>Items in this composite project include changes to existing and installation of new traffic management measures to enhance and ensure a more efficient use of the Transportation System.</p>		
<p>Strategic objectives 7.1, 7.3, 7.5 and 7.6 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.</p>		
<p>Corporate Business Plan Strategic Goals: The ATMS program is consistent with the initiative to "Implement advanced technologies to improve service delivery &amp; access to information, consistent with Edmonton's status-smart city".</p>		
Last Updated:	15-SEP-2010	

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: LRT - Light Rail Vehicles

07-66-1651

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	40,831	2,128	-	-	-	-	42,959
Change	-	-	-	-	-	-	-
Revised Budget	40,831	2,128	-	-	-	-	42,959

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

40,831	2,128	-	-	-	-	42,959
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Fuel Rebate	-		40,831	2,128	-	-	-	-	42,959
Total Financing	-		40,831	2,128	-	-	-	-	42,959

## Description

This single project provides the funding for the purchase of 11 Light Rail Vehicles. These vehicles will be added to an existing order of 26 vehicles that is approved in the SLRT project 05-66-1671.

The 11 vehicles are required to address current and future capacity issues due to ridership growth on the LRT system.

With the order placed in June 2007, delivery will be completed by December 2009.

## Justification

Strategic Objective 5.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

The design life of a light rail vehicle is 35 years. No additional spare parts are required for this order as these vehicles are the same as the 26 new SD160 vehicles ordered. The vehicles are required to operate four car trains to serve increased ridership on the LRT line.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focusing on increasing the ridership on Transit as a result of increased capacity on the trains.

Note that operating impacts for the extra 11 cars are reflected in the SLRT Project Profile.

Source of Estimates Award: +/- 10%

Project Cost Breakdown	
Equipment	\$ 42,959

Last Updated: 16-NOV-2010

\$ 42,959

## Transportation

PROGRAM: Transit

PROJECT NAME: LRT - Light Rail Vehicles

07-66-1651

## Change from Previous Approval

BA67: Transfer funds to 07-66-1280 to fund the frames for the new trucks.

## Total Project Cost /Timing (in \$000's)

Completion Year: 2010      Total Project Costs:      Expenditures Beyond CPP Period:      -\$42,959

Last Updated: 16-NOV-2010



## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Transit Priority Corridors

05-66-1665

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Mandryk W.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	36,588	9,225	13,566	8,713	592	-	68,684
Change	-	-	-	-	-	-	-
Revised Budget	36,588	9,225	13,566	8,713	592	-	68,684

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

36,588	9,225	13,566	8,713	592	-	68,684
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing (non-TCA)	-		1,500	-	-	-	-	-	1,500
Munc Sustain. Initiative - MSI	-		-	-	13,050	8,000	-	-	21,050
AMIP	-		30,010	5,350	-	-	-	-	35,360
General Financing	-		996	1,335	16	713	592	-	3,652
Fuel Rebate	-		4,082	2,540	500	-	-	-	7,122
Total Financing	-		36,588	9,225	13,566	8,713	592	-	68,684

## Description

The plan proposes capital and operational improvements to selected roadways and transit centers that improves the speed and reliability of bus operation. These include transit priority measures such as bus lanes and lane control, bus queue jumps, Transit Signal Priority, and other traffic signal improvements to reduce transit travel time and increase travel time reliability.

The funded and proposed projects include:

- Transportation Studies north, west, and downtown.
- Bus activated signals
- Bus Vehicle ITS Technology
- Roadway Improvements
  - 87 Avenue & 170 Street (E/W Bus Lane)
  - Stony Plain Road (139-157 St)
  - 28 Avenue & 66 Street (E/W widening)
  - Fox Drive Bus Lanes
  - 97 Street Improvements

## Justification

Strategic Objective 5.2, 5.3, and 5.5 of The Transportation Master Plan (2009)  
Bylaw 15101, approved by City Council in December 2009.

The 1 to 3 year Transit Improvement Plan was presented to TPW on February 19, 2008. The projects are required to improve bus reliability and travel times due

Project Cost Breakdown	
Land	\$ 14,800
Design	2,047
Construction	38,837
Equipment	13,000

Last Updated: 18-NOV-2010

\$ 68,684

## Transportation

PROGRAM: Transit

PROJECT NAME: Transit Priority Corridors

05-66-1665

to traffic congestion. 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 Council's initiative to Shift Edmonton's Transportation Modes by focusing on increasing ridership on Transit by improving the travel times and reliability of the system.

Source of Estimates Detailed Design: +/- 20%

### Change from Previous Approval

BA69 based on latest information cashflow \$500K Fuel from 2010 to 2011. BA66 Tranfer MSI funding to new SMARTBUS project 11-66-1293, 2011/\$900K 2012/\$1,600K

Last Updated: 18-NOV-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: SLRT (Federal Fuel Tax Rebate)

05-66-1671

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Mandryk W.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	646,056	30,728	13,149	-	-	-	689,933
Change	-	-	-	-	-	-	-
Revised Budget	646,056	30,728	13,149	-	-	-	689,933

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Infra Stimulus Fund - Federal	-		621	4,379	-	-	-	-	5,000
General Financing	-		9,690	486	-	-	-	-	10,176
Fuel Rebate	-		12,708	-	-	-	-	-	12,708
AMIP	-		25,000	-	-	-	-	-	25,000
NDCC-Federal Gas Tax Rev Share	-		40,965	-	13,149	-	-	-	54,114
Munc Sustain. Initiative - MSI	-		-	5,000	-	-	-	-	5,000
General Financing (non-TCA)	-		75	-	-	-	-	-	75
Tax-Supported Debt	-		556,997	20,863	-	-	-	-	577,860
Total Financing	-		646,056	30,728	13,149	-	-	-	689,933

## 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)  
 2009 The extension of 4-car platforms to accommodate 5-car trains.

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

## Project Cost Breakdown

Construction	\$	445,412
Design		57,854
Equipment		185,467
Land		1,200

Last Updated: 18-NOV-2010

\$ 689,933

## Transportation

PROGRAM: Transit

PROJECT NAME: SLRT (Federal Fuel Tax Rebate)

05-66-1671

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.

### Justification

Strategic Objective 5.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

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.

Source of Estimates Preliminary Design: +/- 30%

### Change from Previous Approval

BA69: Funding source has been substituted with MSI.

BA68: To cover Post Construction expenditures.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	1,742	284	(94)	-	-
Personnel	2,342	31	-	-	-
Revenue	(969)	(470)	-	-	-
Utilities	1,548	329	-	-	-
Total Impact	4,663	174	(94)	-	-

Last Updated: 18-NOV-2010

# Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: NLRT (Downtown to NAIT)

08-66-1672

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Mandryk W.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	41,960	104,030	191,330	204,660	183,020	-	725,000
Change	-	-	-	-	-	-	-
Revised Budget	41,960	104,030	191,330	204,660	183,020	-	725,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

41,960	104,030	191,330	204,660	183,020	-	725,000
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Green TRIP	-	-	-	150,000	145,000	125,000	-	420,000
Other Reserve	-	-	10,000	-	-	-	-	10,000
Tax-Supported Debt	-	41,960	94,030	41,330	39,660	18,020	-	235,000
Munc Sustain. Initiative - MSI	-	-	-	-	20,000	40,000	-	60,000
Total Financing	-	41,960	104,030	191,330	204,660	183,020	-	725,000

## 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 10 light rail vehicles and construction of the cut and cover concrete tunnel under the Qualico Development (Phase I).

The completion of Phase 3 Construction is subject to Green TRIP Funding approval.

The conceptual schedule is as follows (subject to preliminary design and constructability reviews):

2009 Preliminary and detailed design, and land acquisition

2010 Detailed design, utility relocations, commence tunneling from Churchill to MacEwan, land acquisition, building demolition

2011 Commence tunneling from Churchill to MacEwan, commence construction from MacEwan to NAIT, order LRV's

2012 Complete tunneling from Churchill to MacEwan, continue construction from MacEwan to NAIT

2013 Delivery of LRV's, commissioning, complete construction.

2014 Commissioning and 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

## Project Cost Breakdown

Const. & Design	\$	605,000
Land		70,000
Equipment		50,000

Last Updated: 15-SEP-2010

\$ 725,000

## Transportation

PROGRAM: Transit

PROJECT NAME: NLRT (Downtown to NAIT)

08-66-1672

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.

### Justification

Strategic Objective 5.1 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

Extending the LRT to NAIT meets the objectives of the Transportation Master Plan, the High Speed Transit Strategic Plan, and the North High Speed Transit Study.

### Total Project Cost /Timing (in \$000's)

Completion Year: 2014      Total Project Costs: \$725,000      Expenditures Beyond CPP Period:

Impact on Operations	2010	2011	2012	2013	2014
Materials	-	-	-	318	493
Personnel	-	-	-	2,365	1,553
Services	-	-	-	706	1,510
Utilities	-	-	-	352	187
Revenue	-	-	-	(208)	(417)
Total Impact	-	-	-	3,533	3,326

Last Updated: 15-SEP-2010

COMPOSITE			Transportation (thousands of dollars)																								
PROGRAM: Transit																											
PROJECT NAME: Bus Facilities & Equipment Growth			09-66-1680																								
Group-Criteria: B-100 Projects With Budget Approval			Project Manager: Stolte C.																								
Outcome: Shifting Edmonton's Transportation Mode			Focus: Increase transit ridership																								
BUDGET			Prior Years	2010	2011	2012	2013	2014	Total																		
Budget as Approved			14,152	15,387	500	-	-	-	30,039																		
Change			-	-	-	-	-	-	-																		
Revised Budget			14,152	15,387	500	-	-	-	30,039																		
FUNDING EARMARKED FOR FUTURE EXPENDITURES																											
Existing Plan Expenditures			-	-	-	13,000	-	-	13,000																		
Change			-	-	-	-	-	-	-																		
Revised Expenditures			-	-	-	13,000	-	-	13,000																		
TOTAL CAPITAL EXPENDITURE PLAN			14,152	15,387	500	13,000	-	-	43,039																		
Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total																		
CAMRIF - Federal Portion	-		1,066	3,043	-	-	-	-	4,109																		
General Financing (non-TCA)	-		7	-	-	-	-	-	7																		
Munc Sustain. Initiative - MSI	-		11,174	5,826	-	12,000	-	-	29,000																		
CAMRIF - Provincial Portion	-		1,066	3,044	-	-	-	-	4,110																		
General Financing	-		839	620	500	1,000	-	-	2,959																		
Fuel Rebate	-		-	2,854	-	-	-	-	2,854																		
Total Financing	-		14,152	15,387	500	13,000	-	-	43,039																		
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:																											
<ul style="list-style-type: none"> <li>- Leger Transit Centre construction and implementation in 2009.</li> <li>- Meadows Transit Centre design, construction and implementation in 2010.</li> <li>- Lewis Farms Transit Centre land acquisition for Park and Ride.</li> <li>- Lewis Farms Transit Centre and Park and Ride Lot Phase I design, construction and implementation in 2010.</li> <li>- Eaux Claire Transit Centre land acquisition for Park and Ride in 2011. - delete</li> <li>- Eaux Claire Transit Centre design, construction and implementation in 2012. - delete</li> <li>- Ellerslie East Transit Centre land acquisition for Park and ride in 2012.</li> <li>- Ellerslie East Transit Centre design, construction and implementation in 2013.</li> <li>- Rampart Transit Centre concept plan.</li> <li>- Accessible Bus Shelter growth in 2012 and 2013.</li> </ul>																											
<div> <div>Project Cost Breakdown</div> <table> <tr> <td>Construction</td> <td>\$</td> <td>37,453</td> </tr> <tr> <td>Land</td> <td></td> <td>700</td> </tr> <tr> <td>Percent for Art</td> <td></td> <td>60</td> </tr> <tr> <td>Design</td> <td></td> <td>2,736</td> </tr> <tr> <td>Project Transferred</td> <td></td> <td>2,090</td> </tr> <tr> <td></td> <td>\$</td> <td>43,039</td> </tr> </table> </div>										Construction	\$	37,453	Land		700	Percent for Art		60	Design		2,736	Project Transferred		2,090		\$	43,039
Construction	\$	37,453																									
Land		700																									
Percent for Art		60																									
Design		2,736																									
Project Transferred		2,090																									
	\$	43,039																									
Last Updated: 15-SEP-2010																											

## COMPOSITE

## Transportation

PROGRAM: Transit

PROJECT NAME: Bus Facilities &amp; Equipment Growth

09-66-1680

## Justification

Strategic Objective 5.1, 5.2, 5.3, and 5.4 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

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.

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 n ride sites. This allows for expansion of service into new areas, attracting additional ridership through park n ride and by improving the bus service to these areas.

## Impact on Operations

	2010	2011	2012	2013	2014
Contract	236	36	3	-	-
General Maintenance	316	35	7	-	-
Materials	83	11	1	-	-
Personnel	233	49	3	-	-
Utilities	38	9	1	-	-
Total Impact	906	140	15	-	-

Last Updated: 15-SEP-2010



COMPOSITE		<b>Transportation</b> (thousands of dollars)						
PROGRAM: Transit								
PROJECT NAME: Bus Fleet Growth		09-66-1681						
Group-Criteria: B-100 Projects With Budget Approval		Project Manager: Stolte C.						
Outcome: Shifting Edmonton's Transportation Mode		Focus: Increase transit ridership						
<b>BUDGET</b>		<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Budget as Approved		18,797	225	12,058	-	-	-	31,080
Change		-	-	-	-	-	-	-
Revised Budget		18,797	225	12,058	-	-	-	31,080
<b>FUNDING EARMARKED FOR FUTURE EXPENDITURES</b>								
Existing Plan Expenditures		-	-	-	16,202	12,069	8,501	36,772
Change		-	-	-	-	-	-	-
Revised Expenditures		-	-	-	16,202	12,069	8,501	36,772
<b>TOTAL CAPITAL EXPENDITURE PLAN</b>		<b>18,797</b>	<b>225</b>	<b>12,058</b>	<b>16,202</b>	<b>12,069</b>	<b>8,501</b>	<b>67,852</b>
<b>Financing</b>	<b>Budget Request</b>	<b>Prior Years</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>Total</b>
Fuel Rebate	-	7,510	91	9,850	7,212	1,144	2,370	28,177
Munc Sustain. Initiative - MSI	-	11,000	-	408	700	5,000	-	17,108
General Financing	-	287	134	1,455	3,290	925	1,131	7,222
NDPT-New Deal Public Transit	-	-	-	345	-	-	-	345
Developer Financing	-	-	-	-	5,000	5,000	5,000	15,000
<b>Total Financing</b>	<b>-</b>	<b>18,797</b>	<b>225</b>	<b>12,058</b>	<b>16,202</b>	<b>12,069</b>	<b>8,501</b>	<b>67,852</b>
<b>Description</b> This single 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 42 low floor 12 m clean diesel buses in 2009; 14 community service buses in 2010; 31 low floor 12 m diesel buses plus 2 community service 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 9 community service buses in 2013. 6 DATS buses are also in the plan for 3 buses in 2012 and 3 buses in 2013. All vehicles are fully accessible.  Depending on the service needs and availability on road infrastructure articulated (18 m) low floor buses will be purchased in place of some or all of the 12 m low floor buses								
<b>Justification</b> Strategic Objective 5.2 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.								
					Project Cost Breakdown Equipment \$ 67,852			
Last Updated: 18-NOV-2010					\$ 67,852			

## COMPOSITE

## Transportation

PROGRAM: Transit

PROJECT NAME: Bus Fleet Growth

09-66-1681

The growth 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, has increased demand for transit service. Additionally a review of future DATS had indicated growth requirements in 2012 and 2013.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focusing 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.

Source of Estimates Award: +/- 10%

## Change from Previous Approval

BA68: 2010 Buses will not be delivered until 2011.

Impact on Operations	2010	2011	2012	2013	2014
Fuel	234	566	1,075	683	499
General Maintenance	-	884	1,680	1,068	780
Personnel	863	2,087	3,966	2,520	1,841
Financial	1	1	1	1	1
Revenue	-	(736)	(1,398)	(888)	(349)
Total Impact	1,098	2,802	5,324	3,384	2,772

Last Updated: 18-NOV-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Heritage Valley Park and Ride

09-66-1682

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	151	4,082	4,233	-	-	-	8,466
Change	-	-	-	-	-	-	-
Revised Budget	151	4,082	4,233	-	-	-	8,466

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

151	4,082	4,233	-	-	-	8,466
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	101	4,132	4,233	-	-	-	8,466
Infra Stimulus Fund - Federal	-	50	(50)	-	-	-	-	-
Total Financing	-	151	4,082	4,233	-	-	-	8,466

## Description

This project contains the capital funding to support growth of the ETS Park and Ride facilities to meet growth requirements identified in the ETS Strategic Ridership Strategy. The project includes preliminary design of the ultimate Ellerslie Park and Ride Facility, as well as detailed design of the first stage of construction. Construction and implementation have been deferred. Also included in the project is development of the temporary PNR lot at Century Park.

## Justification

Strategic Objective 5.1, 5.2, and 5.4 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

Facilities at new locations are required for growth mandated in present corporate and departmental strategic plans.

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 focusing on increasing Transit ridership through the provision of this new park and ride site. This allows for expansion of service into new areas, attracting additional ridership.

## IMPACT ON OPERATIONS:

The anticipated impacts on operating costs at the end of 2012 will be up to \$2,000,000.

## Project Cost Breakdown

Design	\$	8,465
Land		1

Last Updated: 07-OCT-2010

\$ 8,466

## Transportation

PROGRAM: Transit

PROJECT NAME: Heritage Valley Park and Ride

09-66-1682

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

BA66: As per Council Directive, transferred ISF-Federal funding to 09-66-1020.

BA65: Project Deferred.

## Total Project Cost /Timing (in \$000's)

Completion Year:	2011	Total Project Costs:	\$25,400	Expenditures Beyond CPP Period:	\$16,934
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Last Updated: 07-OCT-2010

## Transportation (thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Eaux Claire &amp; Lewis Estates Phase II

09-66-1683

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	197	10,303	6,700	-	-	-	17,200
Change	-	-	-	-	-	-	-
Revised Budget	197	10,303	6,700	-	-	-	17,200

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

197	10,303	6,700	-	-	-	17,200
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Infra Stimulus Fund - Federal	-		66	3,434	1,500	-	-	-	5,000
Tax-Supported Debt	-		131	3,369	1,500	-	-	-	5,000
Munc Sustain. Initiative - MSI	-		-	3,500	3,700	-	-	-	7,200
Total Financing	-		197	10,303	6,700	-	-	-	17,200

## 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

## Justification

Strategic Objective 5.2 and 5.4 of The Transportation Master Plan (2009) Bylaw 15101, approved by City Council in December 2009.

Facilities at new locations are required for growth mandated in present corporate and departmental strategic planks. 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

Project Cost Breakdown	
Design/Project Manager\$	1,462
Percent for Art	15
Construction	15,723

Last Updated: 16-NOV-2010

\$ 17,200

## Transportation

PROGRAM: Transit

PROJECT NAME: Eaux Claire &amp; Lewis Estates Phase II

09-66-1683

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 focusing 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.

### Change from Previous Approval

BA69: Funding source has been substituted with MSI.

Impact on Operations	2010	2011	2012	2013	2014
General Maintenance	-	64	28	-	-
Personnel	-	54	24	-	-
Utilities	-	9	4	-	-
Services	-	41	18	-	-
Total Impact	-	168	74	-	-

Last Updated: 16-NOV-2010

COMPOSITE		<b>Transportation</b> (thousands of dollars)																
PROGRAM: Roads																		
PROJECT NAME: Environmental Services and Facilities		09-66-1950																
Group-Criteria: C-100 Projects With Budget Approval		Project Manager: Stephenson B.																
Outcome: Preserve & Sustain Edmonton's Environment		Focus: Other--maintenance of current service standards																
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total										
Budget as Approved		3,239	7,622	14,284	-	-	-	25,145										
Change		-	-	-	-	-	-	-										
Revised Budget		3,239	7,622	14,284	-	-	-	25,145										
FUNDING EARMARKED FOR FUTURE EXPENDITURES																		
Existing Plan Expenditures		-	-	-	2,296	2,524	2,775	7,595										
Change		-	-	-	-	-	-	-										
Revised Expenditures		-	-	-	2,296	2,524	2,775	7,595										
TOTAL CAPITAL EXPENDITURE PLAN		3,239	7,622	14,284	2,296	2,524	2,775	32,740										
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total										
Gravel Reserve	-	578	477	-	20	20	20	1,115										
Other Grants - Provincial	-	348	-	-	-	-	-	348										
General Financing	-	-	1,821	2,284	1,299	504	755	6,663										
Fuel Rebate	-	-	4,634	12,000	977	-	2,000	19,611										
Munc Sustain. Initiative - MSI	-	2,310	690	-	-	2,000	-	5,000										
General Financing (non-TCA)	-	3	-	-	-	-	-	3										
Total Financing	-	3,239	7,622	14,284	2,296	2,524	2,775	32,740										
<b>Description</b> 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 2009/2011 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.																		
<table border="1" style="margin-left: auto; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">\$ 4,095</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">25,415</td> </tr> <tr> <td>Land</td> <td style="text-align: right;">3,230</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;">\$ 32,740</td> </tr> </table>									Project Cost Breakdown		Design	\$ 4,095	Construction	25,415	Land	3,230	\$ 32,740	
Project Cost Breakdown																		
Design	\$ 4,095																	
Construction	25,415																	
Land	3,230																	
\$ 32,740																		
Last Updated: 15-NOV-2010																		

COMPOSITE	Transportation	
PROGRAM:	Roads	
PROJECT NAME:	Environmental Services and Facilities	09-66-1950
5. Capital Improvements: New site and facility for Engineering Services Office and Lab.		
Justification		
Strategic objectives 10.1 and 10.2 of the Transportation Master Plan (2009), Bylaw #15101, that was approved by City Council in December 2009.		
Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)		
Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675		
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.		
Change from Previous Approval		
BA70: Survey and Mapping budget transferred from 09-66-1020 to coincide with previous scope change.		
Last Updated:		
15-NOV-2010		



## Transportation (thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Snow Storage Facilities Development

09-66-1960

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Stephenson B.

Outcome: Preserve &amp; Sustain Edmonton's Environment

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,701	5,567	17,332	-	-	-	29,600
Change	-	-	-	-	-	-	-
Revised Budget	6,701	5,567	17,332	-	-	-	29,600

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	16,680	16,680
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	16,680	16,680

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,701	5,567	17,332	-	-	16,680	46,280
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	33	967	1,000	-	-	680	2,680
Munc Sustain. Initiative - MSI	-	6,668	-	11,332	-	-	15,000	33,000
Fuel Rebate	-	-	4,600	5,000	-	-	1,000	10,600
Total Financing	-	6,701	5,567	17,332	-	-	16,680	46,280

## Description

This project provides funds for the development of permanent snow storage facilities, including feasibility studies, land acquisition, engineering design, and site construction.

## 2009

NE Snow Storage Expansion - Land acquisition

## 2010

NE Snow Management Facility - New site construction

NW Snow Storage Expansion - Land acquisition

## 2011

NE Snow Management Facility - New site construction

## Justification

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

## Project Cost Breakdown

Design	\$	4,050
Land		17,680
Construction		24,550

Last Updated: 15-SEP-2010

\$ 46,280

## Transportation

PROGRAM: Roads

PROJECT NAME: Snow Storage Facilities Development

09-66-1960

Act.

Impacts on Operating:

Operating impacts are determined by inventory growth of roads addressed in Operating Service Packages.

Last Updated: 15-SEP-2010

## Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: North/South Trade Highway

96-66-8305

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Koziol M.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	111,017	-	-	-	-	-	111,017
Change	-	-	-	-	-	-	-
Revised Budget	111,017	-	-	-	-	-	111,017

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		10,427	-	-	-	-	-	10,427
North/South Trade Hwy Grant	-		77,808	-	-	-	-	-	77,808
AMFC Surplus Dist. Reserve	-		7,870	-	-	-	-	-	7,870
Municipal Affairs Grant	-		10,037	-	-	-	-	-	10,037
Primary Hi-Way Connector Grant	-		2,410	-	-	-	-	-	2,410
Developer Financing	-		2,465	-	-	-	-	-	2,465
Total Financing	-		111,017	-	-	-	-	-	111,017

## Description

This project includes funds for the planning, design, and construction of improvements along the North/South Trade Highway.

The route includes Calgary Trail south of Whitemud Drive, Whitemud Drive from Calgary Trail to Anthony Henday Drive, Anthony Henday Drive from Whitemud Drive to Yellowhead Trail, and Yellowhead Trail west of Anthony Henday Drive. The southwest leg ring road from Calgary Trail to Whitemud Drive in an alternate route for the North/South Trade Highway. The project is funded through a Provincial (Alberta Transportation, and Alberta Municipal Affairs) Funding commitment for the North/South Trade Highway construction, and a further 1999 commitment from the Province to construct the southwest leg of Anthony Henday Drive.

## Further improvements include:

- Yellowhead Trail/Winterburn Interchange: Final overlay in 2002.
  - Calgary Trail/Ellerslie Road Interchange: Landscaping completion in 2002. Final overlay to be undertaken by the Province as part of the southwest leg of Anthony Henday Drive.
  - Complete Lessard Road connection to Henday Drive in 2003.
  - Land acquisition at Yellowhead Trail/231 Street for future interchange.
- These improvements integrate with the Province's commitment to complete construction of the SW Leg of Anthony Henday Drive by 2005/2006.

## Project Cost Breakdown

Design	\$	3,258
Land		4,800
Construction		102,959

Last Updated: 16-SEP-2010

\$ 111,017

## Transportation

PROGRAM: Roads

PROJECT NAME: North/South Trade Highway

96-66-8305

This project is planned to be completed in 2005. Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

### Justification

The original Provincial Government agreement of 1996, including the 1998 amendments and 1999 announcement, provided for extension of Anthony Henday Drive, planning of the Southwest Leg of the Ring Road, and construction of interchanges along the North/South Trade Highway.

The original agreement with the Provincial Government in 1996 included:

- Anthony Henday Drive extension from Stony Plain Road to Yellowhead Trail.
- Functional Planning review and preliminary design for interchanges at Yellowhead Trail/Winterburn Road, Whitemud Drive/Anthony Henday Drive, Calgary Trail/Ellerslie Road, and Stony Plain Road/100 Avenue.

The 1998 amendments to the 1996 agreement included construction of the Yellowhead Trail/Winterburn Road interchange, construction of the Calgary Trail/Ellerslie Road interchange, and the planning of the Southwest Leg Ring Road. In 1999, an agreement with Alberta Municipal Affairs provided \$10M towards the southward extension of Henday Drive to Lessard Rd. In 2002, the scope of the agreement was extended to include land acquisition for the future interchange at Yellowhead Trail/231 Street. Strategy 6.5.7, Plan Edmonton, Bylaw No. 11777, approved August 31, 1998, states "Work with neighbouring municipalities and Alberta Transportation to improve transportation management and maintain a functional highway network in the Edmonton Capital, including the Outer Ring Road, its penetrators and major connectors." Further to the August 18, 1998 meeting of City Council, the City of Edmonton approached the Premiers Task Force for an immediate funding commitment for the construction of Anthony Henday Drive (North/South Trade Highway) from Whitemud Drive to Calgary Trail. All regional communities in the Edmonton Region have agreed that construction of the Southwest Ring Road is the highest regional transportation priority. The Province announced in September 1999, that it would implement the Southwest Ring Road. This project is coordinated with the Southwest Ring Road - (Network Connections) project XX-66-1610.

Corporate Business Plan Initiatives: Growth - To plan for and protect corridors required to implement the Transportation Master Plan and to accommodate the City's transportation growth requirements.

Source of Estimates Detailed Design: +/- 20%

### Change from Previous Approval

Transfer funding to 10-66-1484 41 Ave/HWY 2 Interchange.

Last Updated: 16-SEP-2010

COMPOSITE		<b>Community Services</b> (thousands of dollars)								
PROGRAM:		Fire Rescue Services								
PROJECT NAME:		Emergency Communications System Hardware					09-70-0012			
Group-Criteria:		D-140 Maintenance/Rehabilitation Projects			Project Manager: Card D.					
Outcome:		Improve Edmonton's Livability			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		89	311	200	-	-	-	600		
Change		-	-	-	-	-	-	-		
Revised Budget		89	311	200	-	-	-	600		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	200	200	200	600		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	200	200	200	600		
TOTAL CAPITAL EXPENDITURE PLAN		89	311	200	200	200	200	1,200		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		89	311	200	200	200	200	1,200
Total Financing		-		89	311	200	200	200	200	1,200
<b>Description</b> <p>This project funds the upgrade and replacement of hardware and software applications supporting Fire Rescue Services. These applications require regular scheduled upgrades (every 1 to 3 years) or need to be replaced to meet emerging business needs or to meet corporate technology standards. The proposed projects support various department operations that are essential for the delivery of departmental outcomes.</p> <p>Plans for 2009 are to use these funds for small projects to enhance the Records Management System to accommodate new reporting requirements for Fire Investigations and Seniority Management and to expand the Roster/Scheduling system (Telestaff) to include the WebStaff component. Plans for 2010 or 2011 are expected to include the addition of an interface between the CAD System and the Edmonton Police Service CAD System and also the Alberta Health Services CAD System to expedite sharing data on common events. Additional projects being considered include enhancements to Records Management System (RMS) for more comprehensive Fire Incident Reporting and Roster/Scheduling integration with other systems.</p> <p>Hardware replacement is completed according to a regular schedule.</p> <p><b>Justification</b></p> <p>Obsolete systems decrease productivity and are subject to greater risk of failure and do not support sound management practices. System hardware and software must be maintained to a level that allows support to be provided.</p> <p>An interface to the Edmonton Police CAD system and the Alberta Health Services CAD System will provide more efficient and effective information flow for the significant number of emergency events that both agencies respond to. This project will fund the complete interface and the implementation effort.</p>										
<div style="float: right; border: 1px solid black; padding: 5px; width: fit-content;"> <b>Project Cost Breakdown</b>            Hardware / Software      \$            1,200         </div>										
Last Updated:		15-APR-2010			\$            1,200					

COMPOSITE	Community Services								
PROGRAM:	Fire Rescue Services								
PROJECT NAME:	Emergency Communications System Hardware	09-70-0012							
<p>Changes to RMS are required to keep pace with changes in performance measures reporting (NFPA 1710 for example) and reporting to external agencies (Fire Commissioners office).</p> <p>Source of Estimates              Conceptual: +/- 50%</p> <p>Change from Previous Approval</p> <p>This is a composite project. The \$200,000 requested for the year 2018 is an extension of the original project.</p> <p>Total Project Cost /Timing (in \$000's)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">Completion Year:</td> <td style="width: 10%;">2011</td> <td style="width: 20%;">Total Project Costs:</td> <td style="width: 10%;">\$600</td> <td style="width: 20%;">Expenditures Beyond CPP Period:</td> <td style="width: 10%;">-\$600</td> </tr> </table>				Completion Year:	2011	Total Project Costs:	\$600	Expenditures Beyond CPP Period:	-\$600
Completion Year:	2011	Total Project Costs:	\$600	Expenditures Beyond CPP Period:	-\$600				
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Last Updated:      15-APR-2010 </div>									

COMPOSITE		<b>Community Services</b> (thousands of dollars)								
PROGRAM:		Fire Rescue Services								
PROJECT NAME:		Fire Rescue Emerg Equip Replace					07-70-0013			
Group-Criteria:		D-140 Maintenance/Rehabilitation Projects			Project Manager: Card D.					
Outcome:		Improve Edmonton's Livability			Focus: Other--maintenance of current service standards					
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total		
Budget as Approved		-	-	-	-	-	-	-		
Change		-	-	-	-	-	-	-		
Revised Budget		-	-	-	-	-	-	-		
FUNDING EARMARKED FOR FUTURE EXPENDITURES										
Existing Plan Expenditures		-	-	-	583	583	583	1,749		
Change		-	-	-	-	-	-	-		
Revised Expenditures		-	-	-	583	583	583	1,749		
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	583	583	583	1,749		
		Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing										
General Financing		-		-	-	-	583	583	583	1,749
Total Financing		-		-	-	-	583	583	583	1,749
<b>Description</b> This project funds the upgrade and replacement of critical Fire Rescue equipment. The equipment to be replaced under this project have life cycles of between 5 and 15 years. Depending on the device, this may be due to technical obsolescence (tablet computers) or they are simply worn out and can no longer be serviced (portable radios and SCBA equipment). Other tools that may be replaced under this funding include voice enhancers, Dangerous Goods communications equipment, infrared/thermal cameras, halogen lights for helmets, radios (portables and mobiles) and other specialty equipment.										
<b>Justification</b> Acquisition of new and replacement equipment is essential to maintaining effective emergency services for the public. Tools, personal protective and communications equipment is crucial to protecting the lives and property of citizens as well as the safety of the personnel providing the service.  By the time these funds are available, the radio equipment used by emergency service providers will be at or near end of its support life. It is highly likely that a Province wide First Responder radio system will put in place with infrastructure funded by the Government of Alberta. Agencies will be able to use this infrastructure, provided they fund the purchase of their portable and mobile radios and related equipment such as mobile repeaters. Mobile repeaters are a potential method to provide extended radio coverage for Firefighters at the scene of an emergency where radio coverage can sometimes be limited.										
Source of Estimates		Conceptual: +/- 50%								
Last Updated: 02-MAR-2010		<div style="border: 1px solid black; padding: 5px;"> <b>Project Cost Breakdown</b>            Hardware Purchase      \$              1,749         </div>								
		\$ 1,749								

COMPOSITE	Community Services	
PROGRAM:	Fire Rescue Services	
PROJECT NAME:	Fire Rescue Emerg Equip Replace	07-70-0013
<p>Change from Previous Approval</p> <p>The request for \$583,000 in 2018 is an extension of the existing project to accomodate the new 10 year capital plan.</p>		
Last Updated: 02-MAR-2010		



## Community Services

(thousands of dollars)

PROGRAM: Fire Rescue Services

PROJECT NAME: Fire Stations - Master Plan Phase I

09-70-0022

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	253	5,247	11,600	6,293	2,500	-	25,893
Change	-	-	-	-	-	-	-
Revised Budget	253	5,247	11,600	6,293	2,500	-	25,893

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

253	5,247	11,600	6,293	2,500	-	25,893
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Munc Sustain. Initiative - MSI	-		-	1,946	9,600	5,800	1,169	-	18,515
Financial Stabilization Resrv.	-		-	-	-	269	1,331	-	1,600
General Financing	-		68	32	-	224	-	-	324
AMIP	-		185	3,269	2,000	-	-	-	5,454
Total Financing	-		253	5,247	11,600	6,293	2,500	-	25,893

## Description

This project will fund the purchase of land, the design and the construction of a new Fire Station in the Ellerslie neighbourhood as identified in the Fire Rescue Station Location Master Plan (February 2008). The balance will fund the purchase of land for future Fire Stations and may be sufficient to construct a second station, location to be determined and purchase fire apparatus for the station.

These two new three bay stations will provide effective response in areas of the city that have seen recent 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 approved Service Level Target of a 4 minute travel time, 90% of the time.

The Ellerslie Station will also incorporate a training room to allow Fire Rescue to deliver more efficient in service training.

The balance of funding from EMS Station profiles and the Fire Stations #5 and #11 replacement profile have been transferred into this profile.

The funding for the Fire Rescue Apparatus for the Ellerslie Station is included in profile 08-25-8001.

Percent for Art

Amount:

\$189

Percent of Total Project:

1%

## Project Cost Breakdown

Land	\$	1,800
Construction		19,843
Detailed Design		2,250

Last Updated: 24-JUN-2010

\$ 23,893

## Community Services

PROGRAM: Fire Rescue Services

PROJECT NAME: Fire Stations - Master Plan Phase I

09-70-0022

## Justification

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.

Source of Estimates Preliminary Design: +/- 35%

## Change from Previous Approval

Timing of expenditures changed to reflect latest project information. In order to balance with funding sources transferred from Construction, \$100K of General Financing was exchanged for \$100K of Financial Stabilization Reserve (FSR) funding in 2012. \$2 Million in AMIP funding was transferred from Replace Fire Stations #5 and #11 Profile 05-75-5179 (BA75) 2010 to Fire Stations Master Plan 09-70-0022 (BA70) 2011.

## Total Project Cost /Timing (in \$000's)

Completion Year: Total Project Costs: \$23,893 Expenditures Beyond CPP Period: -\$2,000

## Impact on Operations

	2010	2011	2012	2013	2014
Bldg. General Maintenance	-	153	153	-	-
Personnel	-	1,110	2,301	-	-
Utilities	-	45	45	-	-
Vehicle Maintenance	-	120	-	-	-
Total Impact	-	1,428	2,499	-	-

Last Updated: 24-JUN-2010

## Community Services

(thousands of dollars)

PROGRAM: Fire Rescue Services

PROJECT NAME: Heritage Valley Fire Station Construct

08-70-0023

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	500	2,300	5,300	-	-	8,100
Change	-	-	-	-	-	-	-
Revised Budget	-	500	2,300	5,300	-	-	8,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	500	2,300	5,300	-	-	8,100
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		-	500	1,985	5,300	-	-	7,785
General Financing	-		-	-	315	-	-	-	315
Total Financing	-		-	500	2,300	5,300	-	-	8,100

## Description

A new three bay fire station, with a planned opening date of 2012, 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. Land purchase is planned for 2010. Design will commence in 2010 with construction to follow in 2011/2012.

Construction of the Heritage Valley Fire Station project, is on hold because the Area Structure Plan has not been finalized.

The City has purchased land in the Heritage Valley Town Centre area, part of which will be dedicated and available for purchase for the Fire Station.

Note: \$2,585,000 from project 07-75-5190 was brought forward into this project to bring funding to the required level.

## Justification

The Heritage Valley neighborhoods have developed quickly and will reach a population threshold where improved fire service is needed by 2012 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

## Project Cost Breakdown

Land	\$	1,500
Construction		5,850
Detailed Design		750

Last Updated: 27-MAY-2010

\$ 8,100

## Community Services

PROGRAM: Fire Rescue Services

PROJECT NAME: Heritage Valley Fire Station Construct

08-70-0023

Source of Estimates Preliminary Design: +/- 35%

## Change from Previous Approval

Deferral in cash flow required as land for Fire Station is not available. City has purchased land but it has not been serviced.

## Total Project Cost /Timing (in \$000's)

Completion Year: 2012 Total Project Costs: \$8,100 Expenditures Beyond CPP Period:

Impact on Operations	2010	2011	2012	2013	2014
Bldg General Maintenance	-	-	130	-	-
Personnel	-	1,110	2,301	-	-
Utilities	-	-	52	-	-
Vehicle Maintenance	-	-	120	-	-
Total Impact	-	1,110	2,603	-	-

Last Updated: 27-MAY-2010

## Community Services

(thousands of dollars)

PROGRAM: Fire Rescue Services

PROJECT NAME: Dispatch System Replacement

08-70-9000

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	100	4,676	-	-	-	4,776
Change	-	-	-	-	-	-	-
Revised Budget	-	100	4,676	-	-	-	4,776

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	100	4,676	-	-	-	4,776
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	100	4,676	-	-	-	4,776
Total Financing	-		-	100	4,676	-	-	-	4,776

## Description

The Emergency Response Communication Centre (ERCC) will have been in operation for 15 years by 2010. Space requirements were based on growth projections for 10 years. By 2010, there will be little or no room available for expansion within the existing centre to address growth. New technologies are changing the way communications are provided, and a replacement for the aging radio system will be needed.

The Computer Aided Dispatch (CAD) System was first implemented in 1996 and was upgraded in 2001 and 2004. Another version upgrade was completed in July 2008. Computer hardware has been refreshed on a regular basis. By 2010, CAD will be 15 years old and will require a major upgrade or perhaps need to be replaced. Technology planning criteria recommends that application systems be replaced every 7 to 10 years. Relocation of an existing system to another centre will require considerable coordination.

The CAD system is critical to emergency response activities and is a fundamental contributor to overall response times through expedited unit selection and information relay. It is a core system that cannot be allowed to fail. The CAD technology is used by the department to dispatch Fire Rescue and Emergency Medical Services units to events and provides two main functions:

1. It determines the proper assignment of units to dispatch and provides the responding crew with event and address information.
2. It provides the Emergency Communications Specialist with information to relay to responding crews while en route and on scene.

Interfaced to the central CAD are a complex set of related subsystems that in coordination contribute to reducing overall response times. The Station Alerting

## Project Cost Breakdown

Equipment \$ 4,776

Last Updated: 17-NOV-2010

\$ 4,776

## Community Services

PROGRAM: Fire Rescue Services

PROJECT NAME: Dispatch System Replacement

08-70-9000

System (SAS) relays dispatch and alerting information to each involved station as an emergency call commences. It turns on lights and the PA system, controls local traffic lights, and provides the tones and alerts within the station. As well it manages the printed information that is received at the station. A second response time related interface to CAD is the mobile data subsystem that provides on board mapping, routing and vehicle location technologies to responding crews.

The scope of this project may change depending on long term provincial direction with respect to EMS and Police dispatching.

### Justification

At this time the Computer Aided Dispatch System (CAD) is fully functional and is performing at a very high level. The ERCC is well equipped and has adequate support systems in place. CAD was initially identified for replacement in 2008; however, based on the system's current performance, this funding request has been moved back to 2010 and 2011. One of the major factors determining the need to replace technology is the level of support provided by the manufacturer of the system. We are getting good support from the manufacturer and there is no indication that this will change. However, by 2010 the system will be 15 years old, and a major refurbishment of the system will be required. Underlying technological change and overall growth of demand are the primary business drivers for this initiative.

Deploying these new systems in an existing centre presents at least two major challenges. One is the significant disruption to the operation with major changes occurring together with a 24/7 operation. The other is the need to consider a new centre location to accommodate growth will arise at some time during the life of the new system. The transition to a new centre cannot be accomplished without some duplication of equipment (radio consoles, logging recorders, wiring etc.) The logical time to transition to a new centre is when replacing major components of these systems.

Source of Estimates                      Conceptual: +/-    50%

### Change from Previous Approval

#68: Project delayed due to AHS delay in establishing their own EMS dispatch centre (scheduled for end 2010)

### Total Project Cost /Timing (in \$000's)

Completion Year:    2011              Total Project Costs:    \$4,776              Expenditures Beyond CPP Period:

Last Updated:              17-NOV-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Odysium Rehab

06-75-0003

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	59	-	-	-	-	-	59
Change	-	-	-	-	-	-	-
Revised Budget	59	-	-	-	-	-	59

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

59	-	-	-	-	-	59
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		59	-	-	-	-	-	59
Total Financing	-		59	-	-	-	-	-	59

## Description

This project will fund an evaluation of the original Odysium building humidification system and an energy audit that will include an assessment of the original building windows. Additional funding will be required to construct the upgrades recommended in the evaluation reports. These projects have been identified in a Building condition report prepared by Cohos Evamy Partners and in reviews by the City's Engineering Services and Building Maintenance Sections.

## Justification

The Board of the Space and Sciences Centre has approached the City to help fund the cost of major facility repairs since the City owns both the land and building and has a long term lease with the Centre. Funding of this project will ensure that facility operating needs will be met and the City's investment protected.

## Source of Estimates

Preliminary Design: +/- 30%

## Project Cost Breakdown

Construction	\$	51
Design		8

Last Updated: 20-APR-2010

\$ 59

COMPOSITE		<b>Capital Construction Department</b> (thousands of dollars)							
PROGRAM:		Buildings Design & Construction							
PROJECT NAME:		Conservation Of Community/Recreation Fac						07-75-2500	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Ward C.			
Outcome:		Transform Edmonton's Urban Form				Focus: Refocus spending on renewing existing vs new infra			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		6,275	123	-	-	-	-	6,398	
Change		-	-	-	-	-	-	-	
Revised Budget		6,275	123	-	-	-	-	6,398	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	-	-	-	-	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	-	-	-	-	
TOTAL CAPITAL EXPENDITURE PLAN		6,275	123	-	-	-	-	6,398	
Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
General Financing	-	5,338	40	-	-	-	-	5,378	
Financial Stabilization Resrv.	-	700	-	-	-	-	-	700	
Comm. Fac. Enhancmt	-	108	78	-	-	-	-	186	
Prog. Grant	-	129	-	-	-	-	-	129	
General Financing (non-TCA)	-	-	5	-	-	-	-	5	
Other Grants - Provincial	-	-	-	-	-	-	-	-	
Total Financing	-	6,275	123	-	-	-	-	6,398	
<b>Description</b> This project funds rehabilitation of City-owned recreational buildings. Each year, additional rehabilitaiton requirements are identified, added to an existing list of projects, and the entire list ranked according to priority criteria.									
<b>Justification</b> City-owned recreational facilities must be rehabilitated and upgraded in an efficient and timely manner in order to ensure public safety, and to minimize long term building repair costs and/or complete building replacement. Conservation of existing assets is considered a minimum service level. test									
Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: conservation of an aging infrastructure.									
Source of Estimates		Conceptual: +/- 50%							
<b>Change from Previous Approval</b> 1) Receipt of \$5,000 from Alberta Historical Resources Foundation Grant 2) Transfer of \$ 380,000 to 09-41-0100.									
Last Updated: 02-JUN-2010		Project Cost Breakdown Design \$ 880 Construction 5,518							
		\$ 6,398							



## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Kinsmen Aqua.Ctr HVAC Replacem.

04-75-2503

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	12,318	462	-	-	-	-	12,780
Change	-	-	-	-	-	-	-
Revised Budget	12,318	462	-	-	-	-	12,780

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	12,318	462	-	-	-	-	12,780
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		518	462	-	-	-	-	980
Other Reserve	-		750	-	-	-	-	-	750
Tax-Supported Debt	-		11,050	-	-	-	-	-	11,050
Total Financing	-		12,318	462	-	-	-	-	12,780

## Description

This project will fund replacement of the pool air handling and heating system with a new larger capacity system, including installation of a new distribution duct work over the pool and spectator area. This project also provides the installation of a new digital control system, upgrading the water circulation and treatment system for the teaching pool and constructing a building addition to house the new air handling units. Design has been completed and construction is scheduled to commence in 2006.

Expected asset life of 25 years with a 15-year debenture term.

## Justification

A study completed in 2002 identified several operational deficiencies with the existing pool air system which has reached the end of its useful life. These deficiencies include lack of capacity and control of air distribution, which have resulted in persistent public and user group complaints regarding the air quality in the facility.

Source of Estimates      Conceptual: +/- 50%

## Change of Scope

Project Cost Breakdown	
Design & Construction	\$ 12,780

Last Updated: 14-APR-2010

\$ 12,780

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Kinsmen Aqua.Ctr HVAC Replacem.

04-75-2503

The construction schedule and budget for this project have been revised to: a) accommodate equipment, material and labour cost increases to the HVAC replacement and b) to replace the acoustic baffles at the facility which are approximately 28 years old and have reached their life cycle. The baffles have deteriorated to the extent that there are bacteria and mould growth on the baffles and parts of the baffle continues to fall into the pools below the baffles.

These cost increases total \$1.8M, which will be funded from Tax-Supported Debt transferred from Project 05-75-2507 (Upgrades to Arenas and Pools) through a budget adjustment and from Tax-Supported Debt available in 2006 as a result of projects previously funded through Tax Supported Debt that are to be funded from the Alberta Municipal Infrastructure Program as per Council's motions of May 31, 2005.

Last Updated: 14-APR-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Bill Hunter Arena Upgrade -Phase I

06-75-2506

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	7,315	1,415	-	-	-	-	8,730
Change	-	-	-	-	-	-	-
Revised Budget	7,315	1,415	-	-	-	-	8,730

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

7,315	1,415	-	-	-	-	8,730
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		2,578	868	-	-	-	-	3,446
Munc Sustain. Initiative - MSI	-		4,363	-	-	-	-	-	4,363
General Financing	-		374	547	-	-	-	-	921
Total Financing	-		7,315	1,415	-	-	-	-	8,730

## Description

This project will fund the design and construction of a building addition to the Bill Hunter Arena. The planned addition will house new dressing rooms and showers, including accessibility requirements and separate facilities for female patrons; and a new expanded lobby area to accommodate ticket sales and concessions serving the arena.

This project is the first phase of a major upgrade to the Bill Hunter Arena and Jasper Place leisure center.

Expected asset life of 25 years with a 15-year debenture term.

## Justification

The existing arena dressing rooms and showers are old, undersized and are located below grade, due to the stadium style seating and sunken design of the ice slab. The existing design and configuration of the arena entrance and the dressing rooms cannot be modified to meet accessibility requirements and provide separate facilities for female patrons without constructing a significant new building addition. The existing lobby, ticket sales and concession areas of the arena are undersized and in need of modernization to meet customer expectations. The proposed building addition together with the associated improvements, will significantly enhance the functioning of these facilities, consistent with the objectives of the Recreation Facilities Master Plan.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Const. & Design	\$	900
Construction		7,830

Last Updated: 14-SEP-2010

\$ 8,730

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Bill Hunter Arena Upgrade -Phase I

06-75-2506

## Change from Previous Approval

1) Transfer \$170,000 from Arena Rehab Strategy (09-21-5366) and \$80,000 from Buildings & Facilities Rehab (09-41-0100) to pay for unforeseen accessibility requirements and modifications to existing structure to connect to the new addition.

Last Updated: 14-SEP-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Recreational Facilities Rehab/Upgrade

07-75-2508

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	7,525	4,324	-	-	-	-	11,849
Change	-	-	-	-	-	-	-
Revised Budget	7,525	4,324	-	-	-	-	11,849

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

7,525	4,324	-	-	-	-	11,849
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		7,525	4,324	-	-	-	-	11,849
Total Financing	-		7,525	4,324	-	-	-	-	11,849

## Description

This project will fund:

(1) Grand Trunk Leisure Centre: Major rehabilitation work to the building envelope and replacement of the upper and lower roofs. Replacing pool air handling system to include a building addition is required as it has reached the end of its life cycle. Upgrades to construct family change rooms increase the size of the hot tub and upgrade the fitness area to meet public demands.

(2) Callingwood Arena: Installation of a new ice plant and associated systems for the twin ice sheets. The new ice plant will be designed to comply with new environmental regulations and to utilize new technologies to reduce energy consumption.

(3) Victoria Golf Course Maintenance Building Replacement: The maintenance building at Victoria Golf Course is at the end of its lifecycle and in need of replacement. The design work and location of the new maintenance building must take into consideration any future additions that may be required to accommodate the future needs of the Park Rangers, Trail Crew and the River Valley programs.

Design planned for 2007 - 2008 with construction completion for Callingwood in 2009 and both Grand Trunk and Victoria Golf Maintenance Building in 2010.

Expected asset life of 20 to 25 years with a 15 year debenture term.

## Justification

The Grand Trunk facility was constructed in the mid 1970's. Many components of the building are reaching the end of their life cycle and are in need of replacement. The Public program demands for a pool facility have increased, necessitating functional upgrades to accommodate these program requirements.

Project Cost Breakdown	
Design & Construction	\$ 11,849

Last Updated: 14-APR-2010

\$ 11,849

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Recreational Facilities Rehab/Upgrade

07-75-2508

The ice plant in Callingwood is 19 years old and is near the end of its life expectancy. The chiller for the ice plant failed in the winter of 2003 resulting in a 6 week service disruption. Failure to replace the ice plant in a timely manner will result in further unscheduled service disruptions and increasingly expensive maintenance.

The maintenance building at Victoria was built in the 1960's and was added on to over time with a series of metal clad shell like structures. The building has no running water or washroom or shower facilities. Outdoor portable washrooms are provided for staff year round. There are no showers available to staff in the event of a chemical spill contacting staff. The building is inadequate to house golf course equipment and materials. There are no change room facilities for staff and no separate lunch room.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: Conservation of an aging infrastructure; Health, Safety and Security and responding to changing expectations, demands and demographics.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and on schedule.

Last Updated: 14-APR-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Terwillegar Comm Rec Centre +05-21-5670

08-75-2509

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	70,207	72,319	14,705	-	-	-	157,231
Change	-	-	-	-	-	-	-
Revised Budget	70,207	72,319	14,705	-	-	-	157,231

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		867	531	-	-	-	-	1,398
Tax-Supported Debt	-		49,906	46,184	14,705	-	-	-	110,795
Munc Sustain. Initiative - MSI	-		9,000	25,000	-	-	-	-	34,000
General Financing (non-TCA)	-		200	-	-	-	-	-	200
MCFP-Major Community Fac Prgm	-		10,234	-	-	-	-	-	10,234
Partnership Funding	-		-	604	-	-	-	-	604
Total Financing	-		70,207	72,319	14,705	-	-	-	157,231

## Description

This project will provide funding for the development of the new Terwillegar Community Recreation Centre. 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).

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.

## Project Cost Breakdown

Construction	\$	147,231
Land		10,000

Last Updated: 25-NOV-2010

\$ 157,231

## Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Terwillegar Comm Rec Centre +05-21-5670

08-75-2509

### 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).

Source of Estimates      Conceptual: +/- 50%

### Change from Previous Approval

#64: To make historical adjustment of \$234K for interest earned on grant funding. #67: Transfer of \$269K to 08-25-8001 to purchase ice re-surfacers. #64: Receipt of \$122K from Terwillegar Riverbend Advisory Committee. #68: Cashflow adjustment based on latest project information. Original cashflow forecast was overly optimistic. Project will be completed on-schedule and on-budget.

Impact on Operations	2010	2011	2012	2013	2014
Materials & Equip	96	165	-	-	-
Personnel	1,934	2,134	-	-	-
Revenue	(1,855)	(3,544)	-	-	-
Services	297	280	-	-	-
Utilities	563	579	-	-	-
Total Impact	1,035	(386)	-	-	-

Last Updated: 25-NOV-2010



## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Millwoods Recreation Centre Roof Repairs

08-75-2510

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,490	-	-	-	-	-	1,490
Change	-	-	-	-	-	-	-
Revised Budget	1,490	-	-	-	-	-	1,490

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,490	-	-	-	-	-	1,490
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		510	-	-	-	-	-	510
Operating Surplus (FSR)	-		980	-	-	-	-	-	980
Total Financing	-		1,490	-	-	-	-	-	1,490

## Description

This project will fund the roof replacement of the Millwoods Recreation Centre.

## Justification

The existing roof of the Millwoods Recreation Centre was constructed in 1984 and has reached the end of it's useful life. Delay in replacing the roof could cause damages to the roof structure resulting in higher replacement cost and also potential shutdowns of the facility interrupting facility operations. By replacing the roof, the City will save the roof maintenance cost.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Construction	\$	1,483
Design		7

Last Updated: 20-APR-2010

\$ 1,490

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Upgrades to Pools

06-75-2513

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,282	458	-	-	-	-	3,740
Change	-	-	-	-	-	-	-
Revised Budget	3,282	458	-	-	-	-	3,740

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	3,282	458	-	-	-	-	3,740
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		406	335	-	-	-	-	741
Tax-Supported Debt	-		1,377	123	-	-	-	-	1,500
General Financing (non-TCA)	-		5	-	-	-	-	-	5
Munc Sustain. Initiative - MSI	-		1,494	-	-	-	-	-	1,494
Total Financing	-		3,282	458	-	-	-	-	3,740

## Description

This project will fund functional improvements to pool accessibility and reconstruction of hot-tub and sauna facilities at Peter Hemingway Leisure Center (Coronation).

## Justification

Many of the City's indoor pools are 25 to 30 years old and are reaching the end of their life cycle. Repair and rehabilitation of building components are required to maintain the structural integrity of the facilities and to ensure that facilities meet functional program requirements and customer needs.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: conservation of an aging infrastructure.

Expected asset life of 25 years with a 15 year debenture term.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design	\$	451
Construction		3,289

Last Updated: 14-APR-2010

\$ 3,740

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Queen Elizabeth Pool Redevelopment

06-75-2515

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,407	5,093	-	-	-	-	6,500
Change	-	-	-	-	-	-	-
Revised Budget	1,407	5,093	-	-	-	-	6,500

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,407	5,093	-	-	-	-	6,500
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Other Grants - Federal	-	-	1,000	-	-	-	-	1,000
Partnership Funding	-	352	33	-	-	-	-	385
Munc Sustain. Initiative - MSI	-	15	985	-	-	-	-	1,000
Tax-Supported Debt	-	1,025	3,075	-	-	-	-	4,100
Partnership Fund (non-TCA)	-	15	-	-	-	-	-	15
Total Financing	-	1,407	5,093	-	-	-	-	6,500

## Description

This project will provide for the redevelopment of Queen Elizabeth outdoor pool at the Walterdale Park. Queen Elizabeth Pool is currently closed due to infrastructure failure. Project will include new program elements to better address user / community needs at an outdoor pool. The asset is expected to have a useful life of 40 years and the debenture term will be 15 years.

## Justification

Queen Elizabeth pool opened in 1922 and is currently closed due to infrastructure failure. Recommendation is to rebuild and modernize rather than repair due to poor condition of all infrastructure. New program amenities / opportunities should also increase attendance / revenue and reduce the ongoing tax levy support of operations at this location by better meeting customer needs.

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: Managing an aging infrastructure.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Percent for Art	<div>Project Cost Breakdown</div> <div>Design &amp; Construct.      \$      6,500</div>	
Amount:                      \$40      Percent of Total Project:                      1%		
Last Updated:              14-APR-2010	<div>\$      6,500</div>	

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Queen Elizabeth Pool Redevelopment

06-75-2515

'1) Cashflowing \$1M from 2009 to 2010 to reflect latest project information, 2) Reducing Partner Funding to reflect actual amount to be received, 3) Transferring \$1M MSI from Parks CPP 09-28-8001 for spray park, 4) Adding \$1M of RinC Contribution funding to be received from Western Economic Diversification . Total project budget is \$6.5M including \$73,000 spent prior to 2009.

Last Updated: 14-APR-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Strathcona Shooting Range-Lead Remediatn

06-75-2516

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	4,516	2,060	-	-	-	-	6,576
Change	-	-	-	-	-	-	-
Revised Budget	4,516	2,060	-	-	-	-	6,576

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	4,516	2,060	-	-	-	-	6,576
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Tax-Supported Debt	-	1,190	2,034	-	-	-	-	3,224
Financial Stabilization Resrv.	-	500	-	-	-	-	-	500
General Financing	-	2,800	-	-	-	-	-	2,800
Partnership Funding	-	26	26	-	-	-	-	52
Total Financing	-	4,516	2,060	-	-	-	-	6,576

## Description

This project will fund the remediation of lead contamination on the Shooting Range Lands and some decommissioning work necessary to prepare the site for the construction of the future Multi-sport Tournament and Recreation Facility. It will include the development of an extensive remediation plan developed in coordination with Alberta Environment, Capital Health and the City of Edmonton. This will be followed by an extensive clean up ensuring that no cross contamination occurs to adjacent land and buildings.

## Justification

The land has been approved for the future Multi-Sport Tournament and Recreation Site. In order to start the development of the majority of the site the land must be remediated. The City of Edmonton, as land owner is fully responsible for the lead clean up.

Application to the federal Green Municipal Fund (low interest loan) for the remediation of brownfield sites was made on July 12, 2006, in the amount of \$3.25 million for a ten year term.

Corporate Business Plan Initiative: Infrastructure and Physical Environment, Implement the Infrastructure Strategy, a Well Planned Urban Environment.  
Dept. Business Plan: Develop a Parks Open Space Plan for the City of Edmonton.  
Service Challenge; Meeting the needs of a growing city.

Project Cost Breakdown	
Construction	\$ 6,076
Design	500

Last Updated: 17-NOV-2010

\$ 6,576

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Strathcona Shooting Range-Lead Remediatn

06-75-2516

Source of Estimates      Conceptual: +/-    50%

## Change from Previous Approval

#69: Received funding from Green Municipal Fund.

Last Updated: 17-NOV-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Valley Zoo Rehabilitation Projects

07-75-2522

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,329	5,396	2,000	-	-	-	8,725
Change	-	-	-	-	-	-	-
Revised Budget	1,329	5,396	2,000	-	-	-	8,725

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,329	5,396	2,000	-	-	-	8,725
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		1,000	4,000	2,000	-	-	-	7,000
General Financing	-		329	1,396	-	-	-	-	1,725
Total Financing	-		1,329	5,396	2,000	-	-	-	8,725

## Description

This project will fund design and construction of a new sea lion facility (including the associated pool infrastructure), signage and entrance features, interpretive pathway, unique arctic landform, arctic ground squirrel exhibit, indoor winter quarters building, arctic fox holding, storm water management pond, and a filtration building.

## Justification

The infrastructure for the sea lion exhibit has exceeded its physical and functional life cycle. This project will bring the facility and exhibit areas up to required industry standards, thus enabling the zoo to maintain its accreditation with a significantly higher level of credibility and professionalism. The new exhibit quarters will reduce the stress experienced by the animals and provide more opportunity for the public to enjoy the sea lions.

Impact on Operations: increased attendance and consequent revenues. Anticipated reductions in certain operating costs due to improvements in facility functionality.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design	\$	1,925
Construction		6,800

Last Updated: 14-SEP-2010

\$ 8,725

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Valley Zoo Rehabilitation Projects

07-75-2522

Impact on Operations	2010	2011	2012	2013	2014
Personnel	-	-	160	-	-
Utilities	-	-	90	-	-
Revenue	-	-	(50)	-	-
Total Impact	-	-	200	-	-

Last Updated: 14-SEP-2010



# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Fort Edmonton Rehabilitation Projects

06-75-2524

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,640	2,515	-	-	-	-	5,155
Change	-	-	-	-	-	-	-
Revised Budget	2,640	2,515	-	-	-	-	5,155

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	2,640	2,515	-	-	-	-	5,155
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
CAMRIF - Provincial Portion	-	345	155	-	-	-	-	500
CAMRIF - Federal Portion	-	345	155	-	-	-	-	500
Comm. Fac. Enhancmt	-	135	-	-	-	-	-	135
Prog. Grant	-	552	668	-	-	-	-	1,220
General Financing	-	1,263	1,537	-	-	-	-	2,800
Tax-Supported Debt	-	2,640	2,515	-	-	-	-	5,155
Total Financing	-	2,640	2,515	-	-	-	-	5,155

## Description

This project will fund building rehabilitation to this pre-1998 Enterprise Portfolio. Projects include construction of a new admin office, repairs to the palisades in the old fort.

Palisades were replaced in 2007. Design and construction of the new administration building has been completed.

Expected asset life of 25 years with a 15 year debenture term.

## Justification

The aging infrastructure requires rehabilitation and replacement to safeguard the existing municipal investment, and to ensure that buildings and facilities at Fort Edmonton are kept in a safe and attractive condition, consistent with customer expectations.

The existing building used for administration is beyond its physical and functional life, and staff has been relocated to temporary trailer, until a new facility is constructed. The palisade walls have deteriorated to a point where replacement is required.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service

## Project Cost Breakdown

Construction	\$	4,223
Design		932

Last Updated: 13-SEP-2010

\$ 5,155

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Fort Edmonton Rehabilitation Projects

06-75-2524

Challenge: conservation of an aging infrastructure.

Source of Estimates      Conceptual: +/- 50%

#### Change from Previous Approval

Time of cashflow adjusted to reflect latest project information. Project is projected to be on budget and on schedule.

Last Updated: 13-SEP-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Replace Aging Roadway Yard Buildings

07-75-3241

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	10,948	104	-	-	-	-	11,052
Change	-	-	-	-	-	-	-
Revised Budget	10,948	104	-	-	-	-	11,052

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

10,948	104	-	-	-	-	11,052
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Munc Sustain. Initiative - MSI	-		5,000	-	-	-	-	-	5,000
General Financing	-		5,948	104	-	-	-	-	6,052
Total Financing	-		10,948	104	-	-	-	-	11,052

## Description

This project will fund the replacement of the existing equipment garage at the S.W. Roadway Yard with a new garage in 2008/09. Design will be undertaken in 2007. A new separate office building was constructed in 2004. Project 08-75-3293(unfunded) outlines the needs for replacement of other older roadways facilities at the Central Yard and four salt domes.

## Justification

The existing equipment building is more than 60 years old, and at less than 5,000 sq. ft, provides only 15% of the required storage space for roadway maintenance equipment. Recent building condition and functional analysis indicate that it is more cost effective to construct new facilities rather than undertake extensive refurbishment to existing buildings to extend their service life, with only marginal improvements to functionality.

## Major project benefits are:

- Adequate and purpose designed buildings will result in more efficient staff and equipment operations
- Reductions in energy use and per sq. ft. building operating costs.
- Increased garage capacity for indoor storage will extend equipment life and reduce maintenance.
- Cramped conditions will be relieved and safety improved.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

Transfer \$90K from 09-66-1070 to pay for increase in costs due to unforeseen ground conditions

## Change of Scope

## Project Cost Breakdown

Construction	\$	9,052
Design		2,000

Last Updated: 02-JUN-2010

\$ 11,052

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Replace Aging Roadway Yard Buildings

07-75-3241

Due to forecast construction cost increases all of the funding in this project will be required for the new equipment garage. Previous plans to acquire land and commence design of new facilities for redevelopment of the Central Yard have been deferred and are included in unfunded project 08-75-3239.

Impact on Operations	2010	2011	2012	2013	2014
Building Maintenance	193	-	-	-	-
Total Impact	193	-	-	-	-

Last Updated: 02-JUN-2010



# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Century Place Infrastructure

07-75-3511

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	110	450	3,199	-	-	-	3,759
Change	-	-	-	-	-	-	-
Revised Budget	110	450	3,199	-	-	-	3,759

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

110	450	3,199	-	-	-	3,759
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		110	450	3,199	-	-	-	3,759
Total Financing	-		110	450	3,199	-	-	-	3,759

## Description

There are 22 floors in Century Place of which 20 have been renovated (complete with asbestos removal. Funds are required to renovate the remaining two floors(floors 14th & 15th). The renovation involve asbestos removal; new floor, wall and ceiling finishes; and upgrading electrical, HVAC and sprinkler systems to comply with current building codes.

## Justification

Existing floor, wall and ceiling finishes are reaching the end of their life cycle. Floor layouts do not meet the Corporate Space Guidelines and require functional improvements to achieve more efficient use of space. Existing electrical, HVAC and sprinkler systems do not meet current building codes. These major upgrades can only be undertaken in conjunction with asbestos removal.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: conservation of an aging infrastructure.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

#68: Cashflow adjustment required due to longer than anticipated time to determine client accommodation requirements.

## Project Cost Breakdown

Construction	\$	3,619
Design		140

Last Updated: 17-NOV-2010

\$ 3,759

COMPOSITE		<b>Capital Construction Department</b> (thousands of dollars)														
PROGRAM:		Buildings Design & Construction														
PROJECT NAME:		Accommodation Plan						07-75-3604								
Group-Criteria:		D-100 Projects With Budget Approval				Project Manager: Ward C.										
Outcome:		Transform Edmonton's Urban Form				Focus: Other--maintenance of current service standards										
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total								
Budget as Approved		2,171	-	-	-	-	-	2,171								
Change		-	-	-	-	-	-	-								
Revised Budget		2,171	-	-	-	-	-	2,171								
FUNDING EARMARKED FOR FUTURE EXPENDITURES																
Existing Plan Expenditures		-	-	-	-	-	-	-								
Change		-	-	-	-	-	-	-								
Revised Expenditures		-	-	-	-	-	-	-								
TOTAL CAPITAL EXPENDITURE PLAN		2,171	-	-	-	-	-	2,171								
	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total								
Financing																
General Financing	-	2,171	-	-	-	-	-	2,171								
Total Financing	-	2,171	-	-	-	-	-	2,171								
<b>Description</b> This project provides funding for move, fit-up and renovation costs to facilitate departmental space relocations and consolidation of activities/staff within the Corporation's owned or leased space, which currently consists of approximately 1.2 million sq. ft. of office accommodation.																
<b>Justification</b> Funds are required to implement relocations and consolidations in order for departments to achieve organizational efficiencies and effective service delivery in response to internal or external changes affecting departmental mandates and customer service needs. The increased emphasis on business process re-engineering and the use of technology in recent years to achieve cost savings has resulted in a greater demand for accommodation changes.																
Source of Estimates		Conceptual: +/- 50%														
Last Updated:		20-APR-2010														
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Project Cost Breakdown</td> </tr> <tr> <td>Construction</td> <td style="text-align: right;">\$ 1,921</td> </tr> <tr> <td>Design</td> <td style="text-align: right;">250</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; text-align: right;">\$ 2,171</td> </tr> </table>							Project Cost Breakdown		Construction	\$ 1,921	Design	250	\$ 2,171	
Project Cost Breakdown																
Construction	\$ 1,921															
Design	250															
\$ 2,171																

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Sir Winston Churchill Square Improvement

08-75-3702

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	212	180	708	-	-	-	1,100
Change	-	-	-	-	-	-	-
Revised Budget	212	180	708	-	-	-	1,100

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

212	180	708	-	-	-	1,100
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Operating Surplus (FSR)	-		212	180	708	-	-	-	1,100
Total Financing	-		212	180	708	-	-	-	1,100

## Description

This project will fund improvements to Sir Winston Churchill Square including the removal and fill-in of the canopy covering the pedway entrance at the southwest corner of the Square and supply and installation of a new marquee sign on the former location of the canopy.

## Justification

The original concept design for the renovations to Churchill Square showed that the canopy was to be removed in the future. Due to code requirements for occupancy of the Interpretive Centre (Centennial Pavilion) and project cost implications, the removal of the canopy was deleted from the project scope of work. Since the code requirements for exiting for the Centennial Pavilion have now been satisfied, the canopy can now be removed and the pedway entrance blocked off.

This project will complete the design and construction of Sir Winston Churchill Square as it was originally intended by the Architect who designed the new Square. It will expand the southwest area of the square by visually opening up the view northeast from the southwest corner of the square. The marquee sign will notify the public of events ongoing and proposed on the Square.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

#68: Electronic sign portion of the project has been delayed due to zoning related issues on Churchill Square.

Project Cost Breakdown	
Design & Construction	\$ 1,100

Last Updated: 17-NOV-2010

\$ 1,100



# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: New Southwest Transit Garage

05-75-3805

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Ensure transit sustainability via cost recovery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	83,077	15,790	-	-	-	-	98,867
Change	-	-	-	-	-	-	-
Revised Budget	83,077	15,790	-	-	-	-	98,867

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	83,077	15,790	-	-	-	-	98,867
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		2,175	1,195	-	-	-	-	3,370
General Financing (non-TCA)	-		35	-	-	-	-	-	35
Other	-		-	356	-	-	-	-	356
Munc Sustain. Initiative - MSI	-		75,023	14,239	-	-	-	-	89,262
Fuel Rebate	-		5,844	-	-	-	-	-	5,844
Total Financing	-		83,077	15,790	-	-	-	-	98,867

## Description

This project will provide funding to proceed with the design of a new south transit garage on City-owned land, located north of Ellerslie Road, east of 156 Street. The garage will be approximately 313,000 sq. ft. in area and will accommodate 250 buses. The garage will provide space for the storage, fueling, washing and light maintenance of buses, as well as space for bus administrative operations to support 400 operators.

Detail design to be completed in 2007. Construction would commence in spring 2008 with completion in September 2009.

## Justification

The existing transit garages at Ferrier, Mitchell and Westwood with a design storage capacity of 740 buses, are seriously overcrowded with a fleet of 846 buses. By March, 2008 the fleet will number 904 buses. This has a substantial impact on the operating efficiency and impedes the bus maintenance to meet the legislated safety requirements. As the City continues to expand with the rapid economic growth of the province, demands on all City services has increased. Transit has experienced a 7% growth in ridership in 2007 and with similar growth expected in 2008 additional bus service will be needed. As well additional service demands are anticipated with the implementation of the Bus Rapid Transit routes and 'U' pass. These service demands, along with the need for transit services into growing neighbourhoods will continue to increase the fleet size and further the need for additional garage capacity. The increase in the daily

## Project Cost Breakdown

Equipment	\$	1,500
Construction		86,829
Design		9,738
Land		800

Last Updated: 14-APR-2010

\$ 98,867

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: New Southwest Transit Garage

05-75-3805

fleet activities will require that the new transit garage be operational in 2009.

Construction of a new south transit garage would have the following benefits:

- Provide permanent garage space for bus fleet eliminating temporary storage.
- Support increased transit service to developing areas which will help to reduce greenhouse gas emissions and traffic congestion and contribute to the quality of life and economic development of the city.
- Minimizing non-revenue travel time.
- A new stand-alone facility protects the city's bus fleet investment and offers operational efficiencies and effectiveness.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

Transfer of \$133,000 to SW Fibre Project 09-18-0001. Project is to provide fibre from Fort Edmonton Park to SW Transit Garage.

Impact on Operations	2010	2011	2012	2013	2014
Contract	30	6	4	4	4
Financial	-	(873)	-	-	-
Personnel	1,280	123	58	61	62
Services/Utilities	2,392	139	136	142	147
Total Impact	3,702	(605)	198	207	213

Last Updated: 14-APR-2010

# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Bus Garage Ventilation Systems-Mitchell

07-75-4106

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	8,257	341	-	-	-	-	8,598
Change	-	-	-	-	-	-	-
Revised Budget	8,257	341	-	-	-	-	8,598

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

8,257	341	-	-	-	-	8,598
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		7,159	341	-	-	-	-	7,500
Financial Stabilization Resrv.	-		1,098	-	-	-	-	-	1,098
Total Financing	-		8,257	341	-	-	-	-	8,598

## Description

This project will fund the engineering design, and purchase and installation of a new HVAC system to replace the existing ventilation system in the Mitchell Bus Garage, which is near the end of its life cycle.

This project will also fund the evaluation of the ventilation systems in Westwood and Ferrier Bus Garages, which are near the end of their life cycles. Following completion of the Westwood and Ferrier evaluations, the most effective use of available funding will be determined to improve air quality in the garages. It is anticipated that additional funding will be required to fully upgrade the air quality in all three garages and funding needs will be brought forward in the 2008 CPP.

## Justification

Garage air quality tests were carried out in the bus garages in 2000, 2002 and 2004. Results indicate that safe exposure limits to diesel exhaust fumes, are being exceeded in the garages under some conditions of operation, in particular, during morning and afternoon peak book out periods, and during evening fueling/cleaning activities. The oldest, dirtiest buses are gradually being replaced, but will not be gone until 2012. Buses purchased since 1993 are cleaner burning, but still emit significant hazardous exhaust fumes. The problem is exacerbated by the garages having to house up to 20% more buses than they were originally designed for. A new garage is contemplated in another project profile, but by the time it is built, the bus fleet will have increased to the point that the existing garages will still be operating at design capacity. Maintenance employees spend their entire working day exposed to diesel exhaust fumes and are experiencing acute health effects including headaches, nausea, eye and respiratory irritation. The International Agency of Research on Cancer (IARC) has classified diesel particulates as a group 2A compound (probable human

## Project Cost Breakdown

Construction	\$	7,758
Design		840

Last Updated: 14-APR-2010

\$ 8,598

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Bus Garage Ventilation Systems-Mitchell

07-75-4106

carcinogen).

## Impact on Operating:

New HVAC system is expected to be more energy efficient and therefore, there is a potential for building operating cost savings.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 14-APR-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Telus Field-Turf Replace &amp; Other Improv.

05-75-4692

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Er K.C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	391	-	-	-	-	-	391
Change	-	-	-	-	-	-	-
Revised Budget	391	-	-	-	-	-	391

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

391	-	-	-	-	-	391
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		391	-	-	-	-	-	391
Total Financing	-		391	-	-	-	-	-	391

## Description

The existing artificial carpet turf infield installed in 1995 has reached the end of its life cycle.

In preparation for the new City professional AA baseball team, the Edmonton Crackerjacks to play their inaugural season at Telus Field, this project will remove the existing artificial carpet turf, repair the pavement sub-base to remove all deficiencies such as high spots and cracks and install a new in-fill artificial turf by early May, 2005. Other facility improvements such as roof replacement will also be required.

This project was completed in 2009.

## Justification

The existing infield is uneven and the turf carpet is worn through and torn in many areas making it difficult to play competitive baseball on it. To continue to play competitive baseball at Telus Field, the artificial infield turf must be replaced. Replacement of the existing turf is also one of the conditions of the agreement to keep professional AA baseball at Telus Field.

Source of Estimates      Conceptual: +/- 50%

## Project Cost Breakdown

Construction	\$	316
Design		75

Last Updated: 26-FEB-2010

\$ 391

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Commonwealth Stadium Upgrade

04-75-4693

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	8	2,919	973	-	-	-	3,900
Change	-	-	-	-	-	-	-
Revised Budget	8	2,919	973	-	-	-	3,900

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

8	2,919	973	-	-	-	3,900
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		8	2,919	973	-	-	-	3,900
Total Financing	-		8	2,919	973	-	-	-	3,900

## Description

This project will fund the design and construction of rehabilitation work at Commonwealth Stadium. The required work in priority order includes: 1) removing and replacing caulking in joints between the pre-cast concrete elements of the upper Stadium seating, 2) repairing delaminated concrete areas in the stadium, and 3) re-grouting areas of the main concrete frame to prevent corrosion of post tensioned strand anchors, and 4) concourse asphalt repairs. Failure to perform the highest priority items of the joint caulking replacement and the delaminated concrete repairs could jeopardize the structural integrity of the stadium, by allowing moisture to continue to penetrate into the cast-in-place concrete leading to corrosion of the steel post-tensioned strands inside.

## Justification

Commonwealth Stadium was built in 1978, with additional seating and concessions added in 1981 and 2001 respectively. Given that the facilities are almost 30 years old, a consultant was retained in 2007 to prepare a Facility Evaluation. This evaluation involved undertaking visual inspections to determine the condition Commonwealth Stadium, Clarke Stadium, the surrounding 42 acre grounds, and the associated amenities. A further Structural Investigation which included some destructive testing and structural investigation was completed in 2008. The results of Facility Evaluation indicate a variety of rehabilitation requirements for Commonwealth Stadium totaling \$12.4 million (2007\$). Funding this work will maximize the useful lives of the facilities and will ensure that the infrastructure structural integrity is sustained.

## Source of Estimates

Conceptual: +/- 50%

## Project Cost Breakdown

Construction	\$	3,400
Design		500

Last Updated: 17-NOV-2010

\$ 3,900

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Commonwealth Stadium Upgrade

04-75-4693

## Change from Previous Approval

#68: Cashflow adjustment required due to overly optimistic cashflow projections.

Last Updated: 17-NOV-2010

# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Rexall Place Rehabilitation

04-75-4694

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	3,312	-	-	-	-	-	3,312
Change	-	-	-	-	-	-	-
Revised Budget	3,312	-	-	-	-	-	3,312

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

3,312	-	-	-	-	-	3,312
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		3,312	-	-	-	-	-	3,312
Total Financing	-		3,312	-	-	-	-	-	3,312

## Description

This project will provide funds required to carry out priority rehabilitation to mechanical, electrical, structural and other major components of the Northlands Park Rexall Place.

Boiler replacement will be completed in 2006. Compressors will be replaced in 2007. Additional rehabilitation work was completed in 2009.

## Justification

Within the existing Licence Agreement, Northlands has committed to spend a minimum of \$600,000 annually on major maintenance and rehabilitation to the Rexall Place. However, projects identified in this project exceed that financial commitment and are required to maintain the physical and operating integrity of Rexall Place and ensure that it conforms with present building code and occupational health and safety standards. At its May 12, 2003 meeting, City Council renewed the financial support agreement with Northlands and this agreement directs that the City assume funding responsibility for the capital improvements necessary to extend the useful life of the Rexall Place.

Source of Estimates Conceptual: +/- 50%

## Change from Previous Approval

The funding from project XX-75-4695 has been consolidated with this project.

## Project Cost Breakdown

Design	\$	750
Construction		2,562

Last Updated: 26-FEB-2010

\$ 3,312



## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Meadows Fire Station

07-75-5167

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	6,362	10	-	-	-	-	6,372
Change	-	-	-	-	-	-	-
Revised Budget	6,362	10	-	-	-	-	6,372

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

6,362	10	-	-	-	-	6,372
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		335	10	-	-	-	-	345
AMIP	-		6,027	-	-	-	-	-	6,027
Total Financing	-		6,362	10	-	-	-	-	6,372

## Description

A new three bay fire station is required to provide effective response to fire emergencies in the Meadows and eastern edge of MillWoods.

The Meadows Fire Station was completed in 2009.

## Justification

The population of the Meadows area has increased significantly over the past ten years and this sector has reached a population threshold where improved fire service is needed to ensure target response times can be met. The MillWoods, Meadows and Ellerslie areas have a population of over 90,000 and are currently served by one fire station.

Source of Estimates      Conceptual: +/- 50%

## Change of Scope

Additional funding of \$650k has been transferred from project 07-75-5166 to cover estimated construction cost increases for 2007.

## Project Cost Breakdown

Construction	\$	5,183
Design		489
Land		700

Last Updated: 14-APR-2010

\$ 6,372

# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Fire Stations(New &amp; Repl)-Belle R. &amp; #10

04-75-5176

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	11,658	489	-	-	-	-	12,147
Change	-	-	-	-	-	-	-
Revised Budget	11,658	489	-	-	-	-	12,147

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	11,658	489	-	-	-	-	12,147
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	1,891	489	-	-	-	-	2,380
Tax-Supported Debt	-	8,800	-	-	-	-	-	8,800
Other Grants - Federal	-	22	-	-	-	-	-	22
AMIP	-	950	-	-	-	-	-	950
Other Grants - Provincial	-	(5)	-	-	-	-	-	(5)
Total Financing	-	11,658	489	-	-	-	-	12,147

## Description

This project will fund a new Lake District fire station and develop a new 3-bay fire station to replace the existing fire station #10 on 101 street & 128 avenue. This station is 46 years old with an Infrastructure Physical Condition Rating of Fair to Poor.

A new three-bay station to serve the Lake District will be developed on City owned land located on 167 avenue, west of 82 street. Design is scheduled for 2004, with construction in 2005/06. Fire station was completed in 2007.

Construction of a new station #10 will be staged as follows:

Replace Station #10 on existing site - Design in 2006, Construction - 2006/07.

Fire Station # 10 was completed in 2008.

## Operating Impact:

Fire service costs: The replacement station requires no additional personnel or apparatus. The new Lake District Station requires an increase to the base budget in 2007 for additional personnel and associated fire apparatus.

Expected asset life of over 25 years with a 15 year debenture term.

Project Cost Breakdown	
Construction	\$ 10,827
Design	975
Land	345

Last Updated: 14-APR-2010

\$ 12,147

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Fire Stations(New &amp; Repl)-Belle R. &amp; #10

04-75-5176

## Justification

The population of the Lake District has increased significantly over the past five years and will continue to experience strong growth over the next five years. It is expected that the Lake District will reach a threshold where improved fire service is needed by 2006 to ensure target response times are met.

Fire Station #10 is 46 years old and was renovated in 1985 to extend its useful life by 5 years. The station has become functionally obsolete due to age and design limitations.

The overhead door widths and size of bays are inadequate for today's vehicle apparatus, resulting in damage to the building and equipment.

## Benefits of this project:

- The new Fire Stations will be constructed with a third bay and sufficient crew support areas to accommodate an additional fire/rescue unit to meet changes in service demand and growth projections for 10 years and beyond, and fully address all functional deficiencies.
- The new stations will have separate male and female shower/locker rooms and single dorms, improving employee morale and labour relations.
- The new Fire Stations will restore confidence in personal and community safety, and reinforce community efforts to maintain an attractive neighborhood.

## CHANGE FROM PREVIOUS APPROVAL:

The tenders for the Belle Rive Station were significantly higher than the pre-tender estimate and although design changes were made to achieve some cost savings, the total costs are forecast to be \$4,400. In view of the reduced budget available for station #10 and further construction price increases expected for 2006, the City undertook a detailed value engineering analysis of the functional program requirements for station #10 and cost effective design options to achieve the required functions. The value engineering analysis confirmed that Station #10 is the best operational location for ERD's dangerous goods unit and also identified functional program and design changes that would achieve a 2,000 square foot reduction in building area in comparison to the standard 3 bay station program and space needs. The total additional cost to construct Fire Station #10 with the revised program and space requirements and the addition of the dangerous good component was \$6.2M. The additional \$1.8M required to construct Fire Station #10 is being funded from General Financing released by constructing the new Meadows Fire Station (Project 07-75-5167) through the Alberta Municipal Infrastructure Program.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 14-APR-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Replace Aging Fire Stations (#5 &amp; #11)

05-75-5179

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	13,273	2,466	-	-	-	-	15,739
Change	-	-	-	-	-	-	-
Revised Budget	13,273	2,466	-	-	-	-	15,739

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	13,273	2,466	-	-	-	-	15,739
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		826	1	-	-	-	-	827
Other Reserve	-		-	114	-	-	-	-	114
AMIP	-		12,422	2,351	-	-	-	-	14,773
General Financing (non-TCA)	-		25	-	-	-	-	-	25
Total Financing	-		13,273	2,466	-	-	-	-	15,739

## Description

This project will fund a new 2-bay fire station to replace existing Fire Station #5 (located on 101 Street & 112 Avenue) and a new 3-bay fire station to replace Fire Station #11 (located at 101 Avenue and 67 Street). Station #5 is 38 years old and Station #11 is 41 years old. Both stations have an Infrastructure Physical Condition Rating of Fair to Poor.

The new larger stations and locational changes to optimize response efficiencies will require the acquisition of new sites.

Fire Station # 11 was completed in 2009. Fire Station # 5 will be completed in 2010.

## Justification

Fire Station #5 is 39 years old and is showing signs of structural deterioration. The exterior walls and building envelope are in poor condition, and electrical and mechanical systems are beyond their life expectancy. The site does not have adequate or secure parking and vandalism is a problem.

Fire Station #11 is 42 years old and the exterior walls, building envelop and mechanical and electrical systems are beyond their life expectancy. Minimal repairs to address critical items were undertaken in 2003.

## Project Cost Breakdown

Design	\$	1,500
Land		750
Construction		13,489

Last Updated: 28-MAY-2010

\$ 15,739

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Replace Aging Fire Stations (#5 &amp; #11)

05-75-5179

## Benefits of this project:

- The new fire stations will be constructed with a third bay and sufficient crew support areas to accommodate an additional fire/rescue unit to meet changes in service demand and growth projections for 10 years and beyond, and fully address all functional deficiencies.
- The new stations will have separate male and female shower/locker rooms and single dormitories, improving employee morale and labour relations.
- The new fire stations will restore confidence in personal and community safety, and reinforce community efforts to maintain an attractive neighborhood.

Source of Estimates            Conceptual: +/- 50%

## Change from Previous Approval

1) \$114K FSR transfer from 04-75-5180 to cover AMIP grant ineligible costs    2)  
Transfer \$2M to 09-70-0022, as Fire Station #5 will come in under budget.

## Change of Scope

Additional funding of \$1,250k has been transferred from project 07-75-5166 to cover estimated construction cost increases for 2007.

Last Updated: 28-MAY-2010

# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: EMS Stations

04-75-5180

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	2,493	20	-	-	-	-	2,513
Change	-	-	-	-	-	-	-
Revised Budget	2,493	20	-	-	-	-	2,513

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	2,493	20	-	-	-	-	2,513
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Financing	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
AMIP	-		600	-	-	-	-	-	600
General Financing	-		926	20	-	-	-	-	946
Other Reserve	-		-	(114)	-	-	-	-	(114)
General Financing (non-TCA)	-		81	-	-	-	-	-	81
Financial Stabilization Resrv.	-		886	114	-	-	-	-	1,000
Total Financing	-		2,493	20	-	-	-	-	2,513

## Description

This project will fund construction of a new Shift Change station and a new Post Station to support achievement of the Council approved EMS response time service level target of 8:59, 90% of the time. Existing EMS facilities do not have the capacity to effectively house and deploy current EMS resources to meet service demands.

Shift Change Stations are three bay facilities with crew rest, kitchen, office and equipment/supply storage areas that support district level service and involve crew shift changes. The proposed Northwest Shift Change Station will be located on City-owned land on the south side of 137 Avenue, east of 142 Street. Design will commence in 2006, followed by construction in 2007.

Post Stations are small-scale, two bay facilities with a crew support area that support localized service delivery. The proposed Mill Woods Post Station is to be located on the site acquired for the new Meadows Fire Station (Project 06-75-5167) and will be constructed in 2007.

This project represents the EMS Stations funded from a Provincial grant received in 2005. Additional stations required to meet service demands are contained in Project 07-75-5185, which has been shown in the Capital Priorities Plan as an unfunded project.

## Project Cost Breakdown

Construction	\$	1,898
Land		200
Design		415

Last Updated: 28-MAY-2010

\$ 2,513

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: EMS Stations

04-75-5180

## Justification

In July 2003, City Council approved an EMS response time service level target of 8:59, 90% of the time, subject to annual consideration of funding, which will set the standard for the budget year in question.

In March 2004, the Province announced that it would begin the process of transferring responsibility for ground ambulance service from municipalities to health regions. The Province has identified a two-year transition period for implementing changes in governance and funding. The principles developed (Ground Level Ambulance Planning Guidelines/Transfer of Governance and Funding) developed by Alberta Health & Wellness in June 2004 to guide the transition require municipalities to continue regular maintenance and maintain long term commitments, so as not to jeopardize the provision of ground ambulance services. Consistent with these principles, the City has identified these facilities as part of its long term plan to meet approved service level targets.

In March 2005, the City received a one-time ambulance grant from the Province amounting to \$12.9M. On April 5, 2005, City Council directed that a \$1.3 of the Provincial grant be used to construct Emergency Medical Services Stations, which specifically consisted of two Post Stations. City Council also directed that the balance of the unallocated Provincial Grant be allocated to the 2006 EMS budget.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

\$114K transfer to 05-75-5179 to cover ineligible AMIP grant costs.

Last Updated: 28-MAY-2010

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Century Place Power Generation Equipment

08-75-5400

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	833	800	223	-	-	-	1,856
Change	-	-	-	-	-	-	-
Revised Budget	833	800	223	-	-	-	1,856

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENDITURE PLAN	833	800	223	-	-	-	1,856
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Financing	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
General Financing	-	-	500	-	-	-	-	500
Operating Surplus (FSR)	-	747	300	223	-	-	-	1,270
Unallocated Education Tax Room	-	86	-	-	-	-	-	86
Total Financing	-	833	800	223	-	-	-	1,856

## Description

The Computer Room on 22nd Floor Century Place houses a large part of the City of Edmonton Computing Infrastructure. As the City's use of Computer Systems continues to grow the need for Computing Infrastructure also grows. The computer room is currently very close to full electrical capacity and will be out of electrical capacity within a year.

The existing generator is now 19 years old and near its end of life, and does not have sufficient electrical capacity to supply emergency power to all computers and air conditioners.

The proposed generator will replace the old generator and will have sufficient electrical capacity to support all existing air conditioners and computers, with some capacity for growth.

The current estimate for this project is \$1,356k. The remainder of the \$856k unfunded portion is under profile UN-75-5400.

## Justification

Without this generator, there is significant risk to the Corporate Computer Infrastructure housed in 22nd Floor Century Place.

Any power outage places the IT Infrastructure and Services at risk, since there is insufficient power to sustain the computers and all the air conditioning. Without the new generator, the room will be out of emergency power capacity within a year.

Project Cost Breakdown	
Design & Construct.	\$ 1,356
Equipment	500

Last Updated: 17-NOV-2010

\$ 1,856



## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: Century Place Power Generation Equipment

08-75-5400

Without the new generator, additional Computer room space, at another site will need to be acquired to house any additional Computers.

Source of Estimates      Conceptual: +/- 50%

## Change from Previous Approval

#68: Cashflow adjustment based on latest project information. Original cashflow forecast was overly optimistic. Project will be completed on-schedule and on-budget.

Last Updated: 17-NOV-2010

# Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: EMRF-2004 ME First!Energy Effic Upgrades

05-75-5500

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	321	417	-	-	-	-	738
Change	-	-	-	-	-	-	-
Revised Budget	321	417	-	-	-	-	738

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

321	417	-	-	-	-	738
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		321	417	-	-	-	-	738
Total Financing	-		321	417	-	-	-	-	738

## Description

The Provincial "ME(Municipal Energy) First!" energy efficiency assistance program will be accessed for interest free loans for the first 5 years for Management Revolving Fund (EMRF) projects. Any interest beyond the five years will be the City's responsibility.

ME First! approved \$3.5M in 2005 for electrical and mechanical upgrades to LRT stations and lighting; MES garages; City Hall and Parkade; and arenas. This profile is for City Hall and Parkade work. The remainder of the funding has been transferred to the operational areas of LRT, MES and Community Services. The expected asset life ranges from 12 years to 30 years with a 5 year debenture term.

## 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.

Source of Estimates Conceptual: +/- 50%

## Project Cost Breakdown

Design	\$	150
Construction		588

Last Updated: 14-APR-2010

\$ 738

## Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: EMRF-Mech,Elect&amp;Envel Upgrade-Firehall#1

07-75-5501

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Improve city's urban architecture/form to env std

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	59	192	-	-	-	-	251
Change	-	-	-	-	-	-	-
Revised Budget	59	192	-	-	-	-	251

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

59	192	-	-	-	-	251
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Tax-Supported Debt	-		59	192	-	-	-	-	251
Total Financing	-		59	192	-	-	-	-	251

## Description

This project captures the range of energy conservation greenhouse gas reduction projects to be funded from tax-supported debt. The borrowing limit of the EMRF is \$30 million. Departments use 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 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 Provincial "ME(Municipal Energy) first" energy efficiency assistance program will be accessed for interest free loans for the first 5 years for EMRF projects. Any interest beyond the five years will be the City's responsibility. Up to \$20M of the \$30M EMRF projects could be eligible for the "ME first" funding.

Approved Projects & Budget Transferred for ME First! program:

\$4.3M to T&S for LED Traffic Signals

\$3.5M to L&B for LRT Stations/Tunnel Lighting; Transit Garages; Arena; and City Hall & Parkade.

\$4.75 for mechanical and electrical upgrades to 10 arenas.

\$1.85 for mechanical and electrical upgrades to 3 arenas, 1 firehall, and Westwood central serv. yard.

Budget adjustments were made to transfer the borrowings to the respective departments where the energy savings will be recognized.

Project Cost Breakdown	
Design & Construction	\$ 251

Last Updated: 14-APR-2010

\$ 251

## Capital Construction Department

PROGRAM: Buildings Design &amp; Construction

PROJECT NAME: EMRF-Mech,Elect&amp;Envel Upgrade-Firehall#1

07-75-5501

THE EXPECTED ASSET LIFE RANGES FROM 12 YEARS TO 25 YEARS WITH A 5 YEAR DEBENTURE TERM.

The remainder of \$15.6M will be allotted and approved by the EMRF Committee as the year progress under profile 09-41-5501.

## 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.

Source of Estimates      Conceptual: +/- 50%

Last Updated: 14-APR-2010

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)						
PROGRAM:		Corporate Properties						
PROJECT NAME:		Accessibility to City Bldgs - Base					09-75-8001	
Group-Criteria:		A-100 Projects With Budget Approval			Project Manager: Daviss R.			
Outcome:		Improve Edmonton's Livability			Focus: Improve community engagement & participation			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved		-	-	-	-	-	-	-
Change		-	-	-	-	-	-	-
Revised Budget		-	-	-	-	-	-	-
FUNDING EARMARKED FOR FUTURE EXPENDITURES								
Existing Plan Expenditures		-	-	-	-	-	-	-
Change		-	-	-	407	407	407	1,221
Revised Expenditures		-	-	-	407	407	407	1,221
TOTAL CAPITAL EXPENDITURE PLAN		-	-	-	407	407	407	1,221
	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total
Financing								
General Financing	-	-	-	-	407	407	407	1,221
Total Financing	-	-	-	-	407	407	407	1,221
Description								
At the City Council meeting of August 25, 1992 the following was approved: "That approval be given to the City Policy and Procedures - Accessibility to City of Edmonton Owned and Occupied Buildings". Funds are required to meet policy mandate. This project provides funds to renovate existing city buildings to provide accessibility improvements such as ramps, power doors, disabled washrooms, etc.								
Justification								
1) Project work to update workplace modifications to areas that require reasonable access due to the current employment of a civic employee; placement of a civic employee; hiring of a civic employee. 2) Corporate wide projects of high priority to improve accessibility to City-owned and occupied buildings for employees, public, and others. These were formulated by the Accessibility Committee within the mandate of Policy C463.								
Source of Estimates		Preliminary Design: +/- 30%						
Change from Previous Approval								
Transfer to Operating per TCA								
Last Updated:		09-FEB-2010						

COMPOSITE		<b>Asset Management &amp; Public Works</b> (thousands of dollars)							
PROGRAM:		Corporate Properties							
PROJECT NAME:		Accommodation Plan						09-75-8005	
Group-Criteria:		A-100 Projects With Budget Approval				Project Manager: Daviss R.			
Outcome:		Transform Edmonton's Urban Form				Focus: Other--maintenance of current service standards			
BUDGET		Prior Years	2010	2011	2012	2013	2014	Total	
Budget as Approved		56	944	-	-	-	-	1,000	
Change		-	-	-	-	-	-	-	
Revised Budget		56	944	-	-	-	-	1,000	
FUNDING EARMARKED FOR FUTURE EXPENDITURES									
Existing Plan Expenditures		-	-	-	1,643	1,643	1,643	4,929	
Change		-	-	-	-	-	-	-	
Revised Expenditures		-	-	-	1,643	1,643	1,643	4,929	
TOTAL CAPITAL EXPENDITURE PLAN		56	944	-	1,643	1,643	1,643	5,929	
	Budget Request	Prior Years	2010	2011	2012	2013	2014	Total	
Financing									
Operating Revenues	-	56	866	-	-	-	-	922	
General Financing	-	-	78	-	1,643	1,643	1,643	5,007	
Total Financing	-	56	944	-	1,643	1,643	1,643	5,929	
<b>Description</b> This project provides funding for move, fit-up and renovation costs to facilitate departmental space relocations and consolidation of activities/staff within the Corporation's owned or leased space, which currently consists of approximately 1.2 million sq. ft. of office accommodation.									
<b>Justification</b> Funds are required to implement relocations and consolidations in order for departments to achieve organizational efficiencies and effective service delivery in response to internal or external changes affecting departmental mandates and customer service needs. The increased emphasis on business process re-engineering and the use of technology in recent years to achieve cost savings has resulted in a greater demand for accommodation changes.									
Source of Estimates		Preliminary Design: +/- 30%							
<b>Change from Previous Approval</b> Transfer 2011 Budget to Operating per TCA									
					<b>Project Cost Breakdown</b> Construction \$ 900 Design 100				
Last Updated:		09-JUN-2010			\$ 1,000				

## Asset Management & Public Works

(thousands of dollars)

PROGRAM: Corporate Properties

PROJECT NAME: Washroom Facilities in Old Strathcona

10-75-8026

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement &amp; participation

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	517	-	-	-	-	517
Change	-	-	-	-	-	-	-
Revised Budget	-	517	-	-	-	-	517

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	517	-	-	-	-	517
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
Financial Stabilization Resrv.	-		-	517	-	-	-	-	517
Total Financing	-		-	517	-	-	-	-	517

## Description

The project includes the construction and site related costs for a permanent washroom facility (\$450k), design or purchase, and installation cost for a permanent urinal (\$66.5k) in Old Strathcona. Through public consultation, the exact location of the facilities and the building type for the permanent washroom would be determined in early 2010.

## Justification

The need for a permanent washroom solution has been identified by the number of stakeholders in the Old Strathcona area. This area of the City has a large volume of pedestrian traffic throughout the year, including shoppers, tourists, late night patrons, the homeless, festival goers, business owners and staff, and others. Given the diversity of user groups in the area, the introduction of both a washroom and a urinal is believed to more fully address the need.

Source of Estimates Preliminary Design: +/- 30%

Impact on Operations	2010	2011	2012	2013	2014
Maintenance & Custodial	94	-	-	-	-
DCM- Maintenance	53	-	-	-	-
Total Impact	147	-	-	-	-

## Project Cost Breakdown

Construction \$ 517

Last Updated: 22-MAR-2010

\$ 517

# Asset Management & Public Works

(thousands of dollars)

PROGRAM: Corporate Properties

PROJECT NAME: Fire Training Facility

09-75-8050

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Other--maintenance of current service standards

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	-	3,800	-	-	-	-	3,800
Change	-	-	-	-	-	-	-
Revised Budget	-	3,800	-	-	-	-	3,800

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

## EXPENDITURE PLAN

-	3,800	-	-	-	-	3,800
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		-	3,800	-	-	-	-	3,800
Total Financing	-		-	3,800	-	-	-	-	3,800

## Description

This is for the purchase of the Our Lady of Lourdes site which has been leased for the Fire Training facility for many years.

## Justification

This property, to be purchased from the Edmonton Catholic School Board (ECSB), has had a Fire Training facility operating within the old school for many years.

The ECSB advised that they would be selling the site and had a private purchaser who wanted the property if the City didn't buy it. The ongoing operation of the Fire Training facility beyond the term of the existing lease is desirable and purchasing the site is a financially prudent course of action. City Council has approved a report directing Administration to negotiate the purchase of this site from ECSB. The purchase price is anticipated to be in the order of magnitude of \$3.8 million. The financial analysis is included in the TPW report 2009PW6276 approved on May 5, 2009.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown  
Land & Building \$ 3,800

Last Updated: 14-APR-2010

\$ 3,800



# Edmonton Economic Development Corp

(thousands of dollars)

PROGRAM: Shaw Conference Centre

PROJECT NAME: Shaw Conference Ctr Major Bldg Upgrade

08-99-0004

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Fitzpatrick M.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	1,270	2,030	1,500	-	-	-	4,800
Change	-	-	-	-	-	-	-
Revised Budget	1,270	2,030	1,500	-	-	-	4,800

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	1,957	2,524	12,963	17,444
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	1,957	2,524	12,963	17,444

## TOTAL CAPITAL

## EXPENDITURE PLAN

1,270	2,030	1,500	1,957	2,524	12,963	22,244
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
General Financing	-		1,270	2,030	1,500	1,957	2,524	12,963	22,244
Total Financing	-		1,270	2,030	1,500	1,957	2,524	12,963	22,244

## Description

This profile represents the funding required to maintain the Shaw Conference Centre (SCC). These expenditures are based on an engineering study done in 2006 and filed with City Administration. The study in 2006 and the City's subsequent review revealed upgrades of \$31M are required to the SCC. The funded portion of the study is in project 07-99-0003. The original \$31M is split \$20.0M to keep functional (till 2018) and \$11.0M (2018 +) to be competitive. Since these amounts are in 2006 \$, cost escalations from 2008-2013 have been applied to the figures of \$18M.

## Justification

The Shaw Conference Centre (SCC) is one of the major conference centres in Canada and is generating an economic benefit to the Greater Edmonton region of \$30 million to \$40 million annually. Replacement of the facility would be in the \$500 million range.

## Change from Previous Approval

Defer part to 2010 and reduce scope in 2013 \$-2M

Project Cost Breakdown  
Design & Construction \$ 22,244

Last Updated: 09-APR-2010

\$ 22,244

# Edmonton Economic Development Corp

(thousands of dollars)

PROGRAM: Economic Dev, Research Pk &amp; Tourism

PROJECT NAME: Biotechnology Centre

05-99-3002

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Brinsmead C.

Outcome: Diversify Edmonton's Economy

Focus: Work with private/public to improve business/inves

BUDGET	Prior Years	2010	2011	2012	2013	2014	Total
Budget as Approved	11,453	2,210	337	-	-	-	14,000
Change	-	-	-	-	-	-	-
Revised Budget	11,453	2,210	337	-	-	-	14,000

## FUNDING EARMARKED FOR FUTURE EXPENDITURES

Existing Plan Expenditures	-	-	-	-	-	-	-
Change	-	-	-	-	-	-	-
Revised Expenditures	-	-	-	-	-	-	-

## TOTAL CAPITAL

EXPENDITURE PLAN	11,453	2,210	337	-	-	-	14,000
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	Budget Request		Prior Years	2010	2011	2012	2013	2014	Total
Financing									
FIP - Federal Grant	-		2,500	-	-	-	-	-	2,500
Provincial Grant	-		2,500	-	-	-	-	-	2,500
Self-Liquidating Debentures	-		5,436	2,210	337	-	-	-	7,983
Financial Stabilization Resrv.	-		1,017	-	-	-	-	-	1,017
Total Financing	-		11,453	2,210	337	-	-	-	14,000

## Description

EEDC proposes to construct the Biotech Centre on a lot adjacent to the ARC to begin to build a Research Park "campus" and create a critical mass of Biotech companies. The facility will provide two types of space: flexible, remodelable multi-tenant space for lease at market rates, and subsidized wet lab (lab benches, sinks, fume hoods, etc.) space at below market cost to offset start-up costs for biotech companies. The facility is not an incubator - it is targeting second stage growing companies at the product development stage.

The major portion of funding is to be spent in 2007; the \$8M loan was conditional upon commitment from partner funding which is now secured.

Project plan for 2009 and 2010 is for additional funding on leasehold improvements in the BBDC due to the anchor tenant likely vacating more space and further enhancements for wet lab space in the east wing. Increased revenue will cover borrowing costs.

## Justification

At the September 3, 1996, City Council meeting, Council approved a new agreement between the City and EDE (now known as EEDC) for management of the Park, which contained the following provisions:

"1.01 EDE is granted the exclusive right, revocable by the City on notice to EDE, to develop, promote, design, lease, construct and market those lands or lands and premises within the Research Park lands."

"3.09 EDE is empowered to construct facilities of a general and versatile design, without a tenant or prospective tenant, providing EDE presents a

## Project Cost Breakdown

Construction	\$	12,983
Land		1,017

Last Updated: 09-APR-2010

\$ 14,000

## Edmonton Economic Development Corp

PROGRAM: Economic Dev, Research Pk &amp; Tourism

PROJECT NAME: Biotechnology Centre

05-99-3002

development proposal to the Municipal Council of the City for its approval prior to the commencement of construction."

EEDC has solicited letters of interest from biotech companies for some 46,000 square feet of space. There are approximately 45 biotech companies in Edmonton, 74% of the Provincial companies, employing some 1,100 people. The 2003 feasibility study showed those who were growing expected to need 68,000 square feet of space in the next 2-3 years. In the past two years, expanding companies have absorbed some 65,000 square feet in Edmonton.

Edmonton is home to Canada's fourth largest biotech cluster. The industry is eagerly awaiting this facility and strong demand exists. We have not included other high technology companies who could potentially be tenants of the facility, further increasing demand.

The business case shows that with the funding formula proposed, the facility is viable without additional subsidies at the Research Park. With initial grants to offset construction costs, tenant revenues are sufficient to cover debt servicing and operating costs based on projected lease rates and leaseable space. Existing staff and systems at the Research Park can accommodate the additional facility.

Source of Estimates Award: +/- 10%

## Change from Previous Approval

Change in project schedule

## Change of Scope

Project has changed from construction of a new facility to a lease arrangement of an existing facility.

Last Updated: 09-APR-2010

05-99-3004

Focus: Improve the capacity/capability of delivery