

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.*



Advanced Window Help

Sign Forms Comment

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|------|------|------|--------|
| Budget as Approved | 1,657 | 13,164 | 7,300 | - | - | - | 22,121 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,657 | 13,164 | 7,300 | - | - | - | 22,121 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|--------|-------|---|---|---|--------|
| 1,657 | 13,164 | 7,300 | - | - | - | 22,121 |
|-------|--------|-------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|-------|------|------|------|--------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | 1,657 | 13,164 | 7,300 | - | - | - | 22,121 |
| Total Financing | - | | 1,657 | 13,164 | 7,300 | - | - | - | 22,121 |

Description

Servicing of the residential land the Oxford neighborhood in Palisades is proposed to commence in 2009 and be substantially completed in 2010. 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%

Change from Previous Approval

Changes in funding have been made to cover increased construction costs and to accommodate revised development staging.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,875 |
| Construction | | 19,246 |

Last Updated: 17-FEB-2009

\$ 22,121

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Meadows Lot Development

07-16-2004

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|--------|------|------|--------|
| Budget as Approved | 1,100 | 4,000 | 8,800 | 12,300 | - | - | 26,200 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,100 | 4,000 | 8,800 | 12,300 | - | - | 26,200 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 12,900 | 16,700 | 29,600 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 12,900 | 16,700 | 29,600 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|--------|--------|--------|--------|
| 1,100 | 4,000 | 8,800 | 12,300 | 12,900 | 16,700 | 55,800 |
|-------|-------|-------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | 1,100 | 4,000 | 8,800 | 12,300 | 12,900 | 16,700 | 55,800 |
| Total Financing | - | | 1,100 | 4,000 | 8,800 | 12,300 | 12,900 | 16,700 | 55,800 |

Description

The City owns approximately 42 hectares in the Laurel Neighbourhood in The Meadows. Servicing is proposed to commence on a staged basis in 2009 and extend to 2013 depending on future market conditions.

Justification

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

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 3,145 |
| Construction | | 23,055 |

Last Updated: 20-FEB-2009

\$ 26,200

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: General Residential Land Developmt

09-16-2006

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

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | - | 1,700 | 100 | 110 | - | - | 1,910 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,700 | 100 | 110 | - | - | 1,910 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 110 | 120 | 230 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 110 | 120 | 230 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-----|-----|-----|-----|-------|
| - | 1,700 | 100 | 110 | 110 | 120 | 2,140 |
|---|-------|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | - | 1,700 | 100 | 110 | 110 | 120 | 2,140 |
| Total Financing | - | | - | 1,700 | 100 | 110 | 110 | 120 | 2,140 |

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

| | | |
|--------------|----|-------|
| Design | \$ | 280 |
| Construction | | 1,860 |

Last Updated: 17-FEB-2009

\$ 2,140

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: New Residential Development

09-16-2008

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

Project Manager: Daviss R.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | 2,000 | 12,000 | 29,000 | 17,000 | - | - | 60,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,000 | 12,000 | 29,000 | 17,000 | - | - | 60,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 13,000 | 13,500 | 26,500 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 13,000 | 13,500 | 26,500 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|
| 2,000 | 12,000 | 29,000 | 17,000 | 13,000 | 13,500 | 86,500 |
|-------|--------|--------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | 2,000 | 12,000 | 29,000 | 17,000 | 13,000 | 13,500 | 86,500 |
| Total Financing | - | | 2,000 | 12,000 | 29,000 | 17,000 | 13,000 | 13,500 | 86,500 |

Description

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.

Justification

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%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 9,200 |
| Construction | | 50,800 |

Last Updated: 22-JAN-2009

| | |
|----|--------|
| \$ | 60,000 |
|----|--------|

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Surplus School Sites-Conversion & Disp

07-16-2013

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 1,435 | 50 | 100 | - | - | - | 1,585 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,435 | 50 | 100 | - | - | - | 1,585 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|----|-----|---|---|---|-------|
| 1,435 | 50 | 100 | - | - | - | 1,585 |
|-------|----|-----|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | 1,435 | 50 | 100 | - | - | - | 1,585 |
| Total Financing | - | | 1,435 | 50 | 100 | - | - | - | 1,585 |

Description

Funds required to complete servicing of a 19 lot cul de sac in LaPerle.

Justification

On May 11, 1994, City Council approved a policy to govern the disposition of funds from the sale of surplus school sites. 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

Detailed Design: +/- 20%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 240 |
| Construction | | 1,345 |

Last Updated: 22-JAN-2009

\$ 1,585

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Contaminated Properties Reclamation

09-16-2015

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

Project Manager: Daviss R.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 600 | 650 | 680 | - | - | 1,930 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 600 | 650 | 680 | - | - | 1,930 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 720 | 750 | 1,470 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 720 | 750 | 1,470 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 600 | 650 | 680 | 720 | 750 | 3,400 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | - | 600 | 650 | 680 | 720 | 750 | 3,400 |
| Total Financing | - | | - | 600 | 650 | 680 | 720 | 750 | 3,400 |

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%

Project Cost Breakdown

| | | |
|-------------|----|-------|
| Testing | \$ | 385 |
| Remediation | | 1,545 |

Last Updated: 20-FEB-2009

\$ 1,930

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Strathcona Bus Barns Remediation

10-16-2017

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Daviss R.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|------|------|------|-------|
| Budget as Approved | - | - | 1,460 | - | - | - | 1,460 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 1,460 | - | - | - | 1,460 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|-------|---|---|---|-------|
| - | - | 1,460 | - | - | - | 1,460 |
|---|---|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 1,460 | - | - | - | 1,460 |
| Total Financing | - | | - | - | 1,460 | - | - | - | 1,460 |

Description

Remediation of hydrocarbon contamination on the Knox Evangelical Free Church property and the Strathcona Branch Library is being undertaken over the period 2005-2007 using interim financing provided from the Land Enterprise through Project 05-07-75-2015. The 2010 funding from this Project 10-75-2017 will be used to reimburse interim financing from the Land Enterprise. The source of contamination was leaking fuel tanks from the adjacent City property when operating as the Strathcona Bus Barns.

Justification

The contamination of adjacent property is as a result of the City's operations. Therefore, the City is responsible for remediation.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

Remediation \$ 1,460

Last Updated: 20-FEB-2009

\$ 1,460

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Strategic Land Acquisition

09-16-2022

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

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources & reduce reliance on tax

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 10,000 | 10,000 | 10,000 | - | - | 30,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 10,000 | 10,000 | 10,000 | - | - | 30,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 10,000 | 10,000 | 20,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 10,000 | 10,000 | 20,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|--------|--------|--------|--------|--------|
| - | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
|---|--------|--------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | - | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |
| Total Financing | - | | - | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 |

Description

This project provides funding for strategic land purchases consistent with the provisions of the approved Land Management Strategy and tracked in the Strategic Land Acquisition Account (SLAA). Project funding to be utilized for land purchases in the following cases:

A) Purchase of an entire land parcel where only a portion of the parcel is required for a municipal project. Future net sale proceeds from the surplus land will be credited back to the SLAA.

B) Purchase of land for a future municipal project meeting all the following conditions:

- 1) Land becomes available for purchase in advance of funding available in the CPP,
- 2) Municipal project is in an approved plan,
- 3) Current year CPP budget funds for the project are not available, but are funded in future years and the SLAA will be reimbursed from the municipal project when CPP funds are available.

The SLAA will be managed as a distinct account within the Land Enterprise and is intended to operate on a revolving basis to provide bridge financing that is repaid in future years as outlined in A) and B) above.

Justification

A) A landowner may be reluctant to sell only the portion of land required for the project, but be prepared to sell the entire parcel. Acquisition of the entire parcel would minimize compensation claims and other costs to the Corporation and make good economic sense by avoiding delays and additional

Project Cost Breakdown

| | | |
|------|----|--------|
| Land | \$ | 30,000 |
|------|----|--------|

Last Updated: 22-JAN-2009

| | |
|----|--------|
| \$ | 30,000 |
|----|--------|

Asset Management & Public Works

PROGRAM: Land

PROJECT NAME: Strategic Land Acquisition

09-16-2022

costs.

B) Approved CPP funding would be in place to purchase land included in an approved plan for a municipal project at the time an owner is willing to sell, ensuring timely and cost effective land assembly for municipal projects.

Source of Estimates Conceptual: +/- 50%

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|------|------|------|--------|
| Budget as Approved | 16,715 | 5,635 | 11,900 | - | - | - | 34,250 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 16,715 | 5,635 | 11,900 | - | - | - | 34,250 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL**EXPENDITURE PLAN**

| | | | | | | |
|--------|-------|--------|---|---|---|--------|
| 16,715 | 5,635 | 11,900 | - | - | - | 34,250 |
|--------|-------|--------|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|--------|------|------|------|--------|
| Tax-guaranteed self-sustng dbt | - | 16,715 | 5,635 | 11,900 | - | - | - | 34,250 |
| Total Financing | - | 16,715 | 5,635 | 11,900 | - | - | - | 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.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 5,000 |
| Design | | 2,925 |
| Construction | | 26,325 |

Last Updated: 20-FEB-2009

\$ 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

The scope and timing of this project changed when it became known that significant infrastructure would be required to service the amount of new commercial and residential development that was being considered. This resulted in a Plan which, although has higher costs to develop, better achieves the principles of a TOD, has a greater likelihood of successful implementation, maximizes the development potential of the land, and better integrates the development into the existing neighbourhood.

The major cost increases are associated with the necessary infrastructure replacement (\$6.7 million), additional property acquisition (\$1.0 million), roadway reconstruction (\$2.2 million), new park development (\$1.75 million), and relocation of Spartan Park (\$0.4 million). These costs also include forecast increases to construction costs and land prices. The change will result in a projected increase in sales revenues of \$4.0 million.

Last Updated: 20-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: Other Industrial Land Development

09-16-2204

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

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources & reduce reliance on tax

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 175 | 125 | 125 | - | - | 425 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 175 | 125 | 125 | - | - | 425 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 125 | 125 | 250 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 125 | 125 | 250 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| - | 175 | 125 | 125 | 125 | 125 | 675 |
|---|-----|-----|-----|-----|-----|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | - | 175 | 125 | 125 | 125 | 125 | 675 |
| Total Financing | - | | - | 175 | 125 | 125 | 125 | 125 | 675 |

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

| | | |
|--------------|----|-----|
| Design | \$ | 51 |
| Construction | | 374 |

Last Updated: 22-JAN-2009

\$ 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 & reduce reliance on tax

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|------|------|------|------|--------|
| Budget as Approved | 18,500 | 10,500 | - | - | - | - | 29,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 18,500 | 10,500 | - | - | - | - | 29,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|---|---|---|---|--------|
| 18,500 | 10,500 | - | - | - | - | 29,000 |
|--------|--------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | 18,500 | 10,500 | - | - | - | - | 29,000 |
| Total Financing | - | | 18,500 | 10,500 | - | - | - | - | 29,000 |

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 04-75-2020.

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%

Change from Previous Approval

Changes in funding have been made to accommodate revised estimates of development staging.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 3,700 |
| Construction | | 25,300 |

Last Updated: 22-JAN-2009

\$ 29,000

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Land

PROJECT NAME: New Commercial/Industrial Development

09-16-2208

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

Project Manager: Daviss R.

Outcome: Ensure Edmonton's Financial Sustainability

Focus: Increase revenue sources & reduce reliance on tax

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 18,400 | 23,300 | 22,700 | - | - | 64,400 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 18,400 | 23,300 | 22,700 | - | - | 64,400 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 24,900 | 26,100 | 51,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 24,900 | 26,100 | 51,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| Land Fund Retained Earnings | - | | - | 18,400 | 23,300 | 22,700 | 24,900 | 26,100 | 115,400 |
| Total Financing | - | | - | 18,400 | 23,300 | 22,700 | 24,900 | 26,100 | 115,400 |

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 04-75-2020.

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

Conceptual: +/- 50%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 9,660 |
| Construction | | 54,740 |

Last Updated: 22-JAN-2009

\$ 64,400

Planning & Development

(thousands of dollars)

PROGRAM: Planning & Development

PROJECT NAME: Gallery of Historic Neon Signs

08-17-0350

Group-Criteria: C-100 Projects With Budget Approval

Project Manager: Garrett M.

Outcome: Improve Edmonton's Livability

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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: 18-FEB-2009

\$ 200

Planning & Development

(thousands of dollars)

PROGRAM: Planning & Development

PROJECT NAME: Old Strathcona Provincial Historic Area

08-17-0361

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Garrett M.

Outcome: Improve Edmonton's Livability

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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: 18-FEB-2009

\$ 250

Planning & Development

(thousands of dollars)

PROGRAM: Planning & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|-------|------|------|-------|
| Budget as Approved | 3,000 | - | - | 4,000 | - | - | 7,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,000 | - | - | 4,000 | - | - | 7,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|---|---|-------|---|---|-------|
| 3,000 | - | - | 4,000 | - | - | 7,000 |
|-------|---|---|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 3,000 | - | - | 4,000 | - | - | 7,000 |
| Total Financing | - | | 3,000 | - | - | 4,000 | - | - | 7,000 |

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

| | | |
|--------|----|-------|
| Land | \$ | 6,500 |
| Design | | 500 |

Last Updated: 22-JAN-2009

\$ 7,000

Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: The Quarters

07-17-0400

committment 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%

Last Updated: 22-JAN-2009

Planning & Development

(thousands of dollars)

PROGRAM: Planning & Development

PROJECT NAME: Animal Control Facility

05-17-1550

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Garrett M.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 8,693 | 4,580 | - | - | - | - | 13,273 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 8,693 | 4,580 | - | - | - | - | 13,273 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|--------|
| 8,693 | 4,580 | - | - | - | - | 13,273 |
|-------|-------|---|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|------|------|------|------|--------|
| General Financing | - | 3,883 | - | - | - | - | - | 3,883 |
| Financial Stabilization Resrv. | - | 2,000 | - | - | - | - | - | 2,000 |
| CAMRIF - Federal Portion | - | 1,405 | - | - | - | - | - | 1,405 |
| CAMRIF - Provincial Portion | - | 1,405 | - | - | - | - | - | 1,405 |
| Munc Sustain. Initiative - MSI | - | - | 4,580 | - | - | - | - | 4,580 |
| Total Financing | - | 8,693 | 4,580 | - | - | - | - | 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.

This project will not generate any operating impacts. Refer to project CE-17-1550 for the unfunded portion of the total project.

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.

Project Cost Breakdown

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

Last Updated: 22-JAN-2009

\$ 13,273

Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: Animal Control Facility

05-17-1550

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

Source of Estimates Detailed Design: +/- 20%

Last Updated: 22-JAN-2009

Planning & Development

(thousands of dollars)

PROGRAM: Planning & Development

PROJECT NAME: Land Development Application System Enh.

08-17-3037

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Garrett M.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 350 | 800 | 100 | - | - | 1,250 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 350 | 800 | 100 | - | - | 1,250 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-----|-----|-----|---|---|-------|
| EXPENDITURE PLAN | - | 350 | 800 | 100 | - | - | 1,250 |
|------------------|---|-----|-----|-----|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 350 | 800 | 100 | - | - | 1,250 |
| Total Financing | - | | - | 350 | 800 | 100 | - | - | 1,250 |

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.

Project Cost Breakdown

Hardware / Software \$ 1,250

Last Updated: 17-FEB-2009

\$ 1,250

Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: Land Development Application System Enh.

08-17-3037

- i) Tighter integration with the Permits and Licenses system and the Financial Accounting System (SAP).
- 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%

Last Updated: 17-FEB-2009

Planning & Development

(thousands of dollars)

PROGRAM: Planning & Development

PROJECT NAME: Computer System Upgrade Program

09-17-3128

Group-Criteria: D-145 Maintenance/Upgrade Projects

Project Manager: Landry E.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 194 | 97 | 73 | - | - | - | 364 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 194 | 97 | 73 | - | - | - | 364 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 202 | 206 | 408 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 202 | 206 | 408 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|----|----|---|-----|-----|-----|
| 194 | 97 | 73 | - | 202 | 206 | 772 |
|-----|----|----|---|-----|-----|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 194 | 97 | 73 | - | 202 | 206 | 772 |
| Total Financing | - | | 194 | 97 | 73 | - | 202 | 206 | 772 |

Description

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.

Justification

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 \$ 772

Last Updated: 17-FEB-2009

\$ 772

Planning & Development

PROGRAM: Planning & Development

PROJECT NAME: Computer System Upgrade Program

09-17-3128

business requirements.

Last Updated: 17-FEB-2009

Planning & Development

(thousands of dollars)

PROGRAM: Planning & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,500 | 3,000 | 4,000 | - | - | 8,500 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,500 | 3,000 | 4,000 | - | - | 8,500 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|---|---|-------|
| - | 1,500 | 3,000 | 4,000 | - | - | 8,500 |
|---|-------|-------|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | - | 1,000 | - | - | 1,000 |
| Munc Sustain. Initiative - MSI | - | | - | 1,500 | 3,000 | 3,000 | - | - | 7,500 |
| Total Financing | - | | - | 1,500 | 3,000 | 4,000 | - | - | 8,500 |

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.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

Hardware / Software \$ 8,500

Last Updated: 17-FEB-2009

\$ 8,500

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Information Management Infrastructure

09-18-0001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 6,025 | 6,265 | 6,354 | - | - | 18,644 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 6,025 | 6,265 | 6,354 | - | - | 18,644 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 7,356 | 7,356 | 14,712 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 7,356 | 7,356 | 14,712 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 6,025 | 6,265 | 6,354 | 7,356 | 7,356 | 33,356 |
| Total Financing | - | | - | 6,025 | 6,265 | 6,354 | 7,356 | 7,356 | 33,356 |

Description

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.

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 communication of Patient Care data for EMS (ePCR); Real time monitoring of the City-wide Drainage System (SCADA) and management software for Transit Call Centre (Dictaphone).

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.

This project will not generate any operating impact.

Justification

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 risk of failure and cost of maintenance, and minimizes the risk of extended

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Hardware / Software | \$ | 33,356 |
|---------------------|----|--------|

Last Updated: 18-FEB-2009

| | |
|----|--------|
| \$ | 33,356 |
|----|--------|

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Information Management Infrastructure

09-18-0001

service interruptions because of obsolete equipment.

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---------------------|------|------|------|------|------|
| General Maintenance | 957 | - | - | - | - |
| Total Impact | 957 | - | - | - | - |

Last Updated: 18-FEB-2009

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Systems Software Infrastructure

09-18-0014

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,000 | 1,000 | 1,022 | - | - | 3,022 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,000 | 1,000 | 1,022 | - | - | 3,022 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,000 | 1,000 | 2,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,000 | 1,000 | 2,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| - | 1,000 | 1,000 | 1,022 | 1,000 | 1,000 | 5,022 |
|---|-------|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,000 | 1,000 | 1,022 | 1,000 | 1,000 | 5,022 |
| Total Financing | - | | - | 1,000 | 1,000 | 1,022 | 1,000 | 1,000 | 5,022 |

Description

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.

Planned activities for 2009 thru 2011 include:

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.

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.

This project will not generate any operating impact.

Justification

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.

Project Cost Breakdown

| | | |
|---------------------|----|-------|
| Hardware / Software | \$ | 5,022 |
|---------------------|----|-------|

Last Updated: 18-FEB-2009

| | |
|----|-------|
| \$ | 5,022 |
|----|-------|

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Systems Software Infrastructure

09-18-0014

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.

Last Updated: 18-FEB-2009

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Identity Management

06-18-0403

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 1,599 | 366 | 160 | - | - | - | 2,125 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,599 | 366 | 160 | - | - | - | 2,125 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-----|-----|---|---|---|-------|
| 1,599 | 366 | 160 | - | - | - | 2,125 |
|-------|-----|-----|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 1,599 | 366 | 160 | - | - | - | 2,125 |
| Total Financing | - | | 1,599 | 366 | 160 | - | - | - | 2,125 |

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 | | 476 |
| Consulting | | 465 |
| Hardware / Software | | 1,004 |

Last Updated: 22-JAN-2009

\$ 2,125

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: 22-JAN-2009

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: Daly B.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|--------|
| Budget as Approved | 10,000 | - | - | - | - | - | 10,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 10,000 | - | - | - | - | - | 10,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|---|---|---|---|---|--------|
| 10,000 | - | - | - | - | - | 10,000 |
|--------|---|---|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|----------------------------|----------------|-------------|------|------|------|------|------|--------|
| Other | - | 9,800 | - | - | - | - | - | 9,800 |
| Drainage Retained Earnings | - | 200 | - | - | - | - | - | 200 |
| Total Financing | - | 10,000 | - | - | - | - | - | 10,000 |

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 |
| Client training | | 1,500 |
| Land & Building | | 1,500 |
| Software/Contract | | 6,625 |

Last Updated: 22-JAN-2009

\$ 10,000

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Business Process Management (ERP)

09-18-0406

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 933 | 2,289 | 1,185 | - | - | 4,407 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 933 | 2,289 | 1,185 | - | - | 4,407 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,132 | 1,052 | 2,184 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,132 | 1,052 | 2,184 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|-------|-------|-------|
| - | 933 | 2,289 | 1,185 | 1,132 | 1,052 | 6,591 |
|---|-----|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 933 | 2,289 | 1,185 | 1,132 | 1,052 | 6,591 |
| Total Financing | - | | - | 933 | 2,289 | 1,185 | 1,132 | 1,052 | 6,591 |

Description

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

Project Cost Breakdown

Hardware / Software \$ 6,591

Last Updated: 18-FEB-2009

\$ 6,591

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Business Process Management (ERP)

09-18-0406

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 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.

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 & 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.

Justification

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.

Risks of not funding this project include;

- sustainability of the enterprise applications will become inefficient, resulting in increased operating and maintenance costs
- not effectively utilizing the technology enablers provided within the enterprise applications
- management of enterprise applications will not be optimized resulting in increased operating and maintenance costs
- New foundational technologies will be not effectively and efficiently integrated into the enterprise applications.

Risks associated with the specific projects include:

- 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.
- 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.
- 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.

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

Last Updated: 18-FEB-2009

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Business Process Management (ERP)

09-18-0406

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).

Last Updated: 18-FEB-2009

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Back Up Recovery Infrastructure Renewal

06-18-0408

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 1,950 | 50 | - | - | - | - | 2,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,950 | 50 | - | - | - | - | 2,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|----|---|---|---|---|-------|
| 1,950 | 50 | - | - | - | - | 2,000 |
|-------|----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 1,950 | 50 | - | - | - | - | 2,000 |
| Total Financing | - | | 1,950 | 50 | - | - | - | - | 2,000 |

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

Project Cost Breakdown

| | | |
|---------------------|----|-------|
| Hardware | \$ | 1,225 |
| Software | | 250 |
| Consulting | | 425 |
| Hardware / Software | | 100 |

Last Updated: 22-JAN-2009

\$ 2,000

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Back Up Recovery Infrastructure Renewal

06-18-0408

- Regular recovery testing will be scheduled to ensure critical data can be recovered in the event of a disaster.

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: 22-JAN-2009

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: FINES Electronic Tickets

06-18-0411

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Mulyk E.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 100 | - | - | - | - | 100 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 100 | - | - | - | - | 100 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|---|---|---|---|-----|
| - | 100 | - | - | - | - | 100 |
|---|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 100 | - | - | - | - | 100 |
| Total Financing | - | | - | 100 | - | - | - | - | 100 |

Description

In 2006 Alberta Justice of the Provincial Government will be implementing an Electronic Ticketing Process which is the electronic filing of violation tickets (summonses) for all unpaid Bylaw offence tickets issued by the City of Edmonton. The current practice is to print the violation tickets manually on a two part form.

Operating impact is unknown at this time.

Justification

FINES as it exists today cannot implement the electronic ticketing process without an upgrade to the Fines system. With the upgrade, FINES will be capable to continue to prosecute delinquent bylaw offence tickets. Failure to accommodate the electronic ticketing process will result in the inability to prosecute unpaid City of Edmonton Bylaw tickets. In 2004 the amount of fines submitted to Provincial Court for prosecution was \$2,406,715, to August 1, 2005 it was \$1,342,907.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

Hardware / Software \$ 100

Last Updated: 18-FEB-2009

\$ 100

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Upgrades Business Process Mgt (ERP)

09-18-0416

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Moore C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 320 | 100 | 153 | - | - | 573 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 320 | 100 | 153 | - | - | 573 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 200 | 250 | 450 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 200 | 250 | 450 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 320 | 100 | 153 | 200 | 250 | 1,023 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 320 | 100 | 153 | 200 | 250 | 1,023 |
| Total Financing | - | | - | 320 | 100 | 153 | 200 | 250 | 1,023 |

Description

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.

Justification

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

Project Cost Breakdown

Hardware / Software \$ 1,023

Last Updated: 18-FEB-2009

\$ 1,023

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Upgrades Business Process Mgt (ERP)

09-18-0416

them. However, again due the pace at which technology is changing constant 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.

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.

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.

Last Updated: 18-FEB-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 2,450 | 1,250 | - | - | - | - | 3,700 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,450 | 1,250 | - | - | - | - | 3,700 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 2,450 | 1,250 | - | - | - | - | 3,700 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 2,450 | 1,250 | - | - | - | - | 3,700 |
| Total Financing | - | | 2,450 | 1,250 | - | - | - | - | 3,700 |

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

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

Last Updated: 22-JAN-2009

\$ 3,700

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Software Applications Sustainability

09-18-0652

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Card C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 200 | 200 | 200 | - | - | 600 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 200 | 200 | 200 | - | - | 600 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 275 | 275 | 550 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 275 | 275 | 550 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 200 | 200 | 200 | 275 | 275 | 1,150 |
| Total Financing | - | | - | 200 | 200 | 200 | 275 | 275 | 1,150 |

Description

The Office of the City Clerk owns several unique software applications, including (but not limited to): Meeting Management System (MMSX) maintained by contractor, OCTOPUS (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.

Project Cost Breakdown

| | | |
|----------|----|-------|
| Software | \$ | 1,150 |
|----------|----|-------|

Last Updated: 18-FEB-2009

| | |
|----|-------|
| \$ | 1,150 |
|----|-------|

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Software Applications Sustainability

09-18-0652

Justification

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.

Contractors outside of the City of Edmonton maintain many of these programs and the maintenance agreements do not cover these upgrades.

Last Updated: 18-FEB-2009

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: MacPherson J.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|-------|-------|--------|
| Budget as Approved | - | 1,612 | 2,586 | 2,421 | 2,200 | 2,000 | 10,819 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,612 | 2,586 | 2,421 | 2,200 | 2,000 | 10,819 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|-------|-------|-------|-------|--------|
| EXPENDITURE PLAN | - | 1,612 | 2,586 | 2,421 | 2,200 | 2,000 | 10,819 |
|------------------|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,612 | 2,586 | 2,421 | 2,200 | 2,000 | 10,819 |
| Total Financing | - | | - | 1,612 | 2,586 | 2,421 | 2,200 | 2,000 | 10,819 |

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

Project Cost Breakdown

| | | |
|------------|----|--------|
| Consultant | \$ | 10,819 |
|------------|----|--------|

Last Updated: 18-FEB-2009

| | |
|----|--------|
| \$ | 10,819 |
|----|--------|

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: HRIS Conversion - PeopleSoft to SAP

09-18-0700

processes across the corporation. It addresses the corporate desire to improve business practices, and increase the success of existing and future investments through carefully defining and managing change. This project is a key driver of the business vision of a corporate-wide view and consistent, repeatable processes and practices across the organization. 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 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Personnel | - | - | 958 | - | - |
| Total Impact | - | - | 958 | - | - |

Last Updated: 18-FEB-2009

Corporate Services

(thousands of dollars)

PROGRAM: Corporate Services

PROJECT NAME: Agenda Preparation & Meeting Mgt System

09-18-0703

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Card C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|---|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 1,000 | - | - | - | 1,000 |
| Total Financing | - | | - | - | 1,000 | - | - | - | 1,000 |

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

Project Cost Breakdown

| | | |
|---------------------|----|-------|
| Hardware / Software | \$ | 1,000 |
|---------------------|----|-------|

Last Updated: 18-FEB-2009

| | |
|----|-------|
| \$ | 1,000 |
|----|-------|

Corporate Services

PROGRAM: Corporate Services

PROJECT NAME: Agenda Preparation & Meeting Mgt System

09-18-0703

a stream-lined, easy-to-use, report writing and approvals process.

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

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | - | 45 | 55 | - | - |
| Total Impact | - | 45 | 55 | - | - |

Last Updated: 18-FEB-2009

Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: North 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 & cultur

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|-------|------|------|--------|
| Budget as Approved | 1,800 | 2,296 | 10,082 | 5,407 | 530 | - | 20,115 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,800 | 2,296 | 10,082 | 5,407 | 530 | - | 20,115 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|--------|-------|-----|---|--------|
| 1,800 | 2,296 | 10,082 | 5,407 | 530 | - | 20,115 |
|-------|-------|--------|-------|-----|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|-------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 60 | - | - | - | - | - | 60 |
| Other Grants - Provincial | - | | (225) | 534 | 3,019 | 1,618 | 54 | - | 5,000 |
| Developer Financing | - | | 225 | (225) | - | - | 350 | - | 350 |
| Tax-Supported Debt | - | | 1,740 | 721 | 1,993 | 1,071 | 35 | - | 5,560 |
| Munc Sustain. Initiative - MSI | - | | - | 1,266 | 5,070 | 2,718 | 91 | - | 9,145 |
| Total Financing | - | | 1,800 | 2,296 | 10,082 | 5,407 | 530 | - | 20,115 |

Description

This project includes funding for land, design (Silver LEED standard), construction, furniture and equipment and library material costs for a new 15,000 sq. ft. standalone medium sized community branch to be built in Clareview. Additional funding of \$9.2 million from the Municipal Sustainability Initiative (MSI) Grant and \$5.0 million from the Alberta Lotteries Major Community Facilities Program (MCFP) grant is being recommended for approval by City Council.

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.

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Land | \$ | 1,800 |
| Furn. & Equip. | | 1,585 |
| Const. & Design | | 14,101 |
| Percent for Art | | 90 |
| Library Collections | | 2,539 |

Last Updated: 22-JAN-2009

\$ 20,115

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: North Branch Library

06-20-0002

Justification

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

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

Areas of Alignment:

1. City Council Priorities: a) Preserve, celebrate and support Edmonton's Heritage, arts and culture, b) Enhance social connectedness for all citizens, c) Improve community engagement and participation, and, d) Reduce barriers to participation in library activities.

2. Library Board Strategic Plan: a) A place for every Edmontonian, b) Accessible collections, services and programs, and, c) Partnering for success.

Impacts of not proceeding:

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

Source of Estimates Conceptual: +/- 50%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-----------------------|------|------|------|------|------|
| Personnel | - | - | 660 | 230 | - |
| Building Maintenance | - | - | 110 | 40 | - |
| Materials | - | - | 20 | 10 | - |
| Support Service Costs | - | - | 10 | - | - |
| Total Impact | - | - | 800 | 280 | - |

Last Updated: 22-JAN-2009

Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Mill Woods Branch Relocation & 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 & cultur

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 3,464 | 12,195 | 16,574 | 432 | - | 32,665 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,464 | 12,195 | 16,574 | 432 | - | 32,665 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|--------|--------|-----|---|--------|
| - | 3,464 | 12,195 | 16,574 | 432 | - | 32,665 |
|---|-------|--------|--------|-----|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|--------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,680 | - | - | - | - | 1,680 |
| Munc Sustain. Initiative - MSI | - | | - | 1,784 | 12,195 | 16,574 | 432 | - | 30,985 |
| Total Financing | - | | - | 3,464 | 12,195 | 16,574 | 432 | - | 32,665 |

Description

This project identifies the partial funding for land, design (Silver LEED standard), construction, furniture and equipment and library material costs for a 25,000 square foot standalone facility in the vicinity of the Mill Woods Towne Centre. The current severely undersized leased facility is inadequate and a new building will enable the library to meet the standards of a large community branch which serves 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 over 52,000 visits in July 2008 alone). The remaining unfunded costs of \$16.2 million are captured in project 08-20-0019.

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Land | \$ | 3,125 |
| Const. & Design | | 12,446 |
| Percent for Art | | 76 |
| Library Collections | | 799 |

Last Updated: 22-JAN-2009

\$ 16,446

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Mill Woods Branch Relocation & Expansion

03-20-0019

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 2008. 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 26 years old by 2008. In addition, as a result of two moves, the shelving has been stabilized on an interim basis through the addition of bracing but will need to be replaced.

The relocated and expanded space will enable the Mill Woods Branch to meet the needs of the population of the Mill Woods Traffic District which, at approximately 80,000, is the equivalent of a medium-sized Alberta city. In addition, the adjacent Meadows Traffic District is projected to grow by approximately 15,000 over the next 20 years. While the in-house usage and circulation of library materials have increased by approximately 16% since 2000, visits to the branch have increased by 55 per cent since 2000 while the number of information questions asked by citizens increased by 258 per cent over the same period. In 2007 alone, 18,000 people of all ages attended a wide range of programs offered at the branch. A visit to the branch will reveal large numbers of people using materials in-house and extremely high usage of internet stations, electronic resources and word processing. Levels of activity at the branch are expected to increase in the years to come.

To fulfill its role as a district branch, more space is required for collections, programs, and service desks, as well as welcoming spaces 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.

Last Updated: 22-JAN-2009

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Mill Woods Branch Relocation & Expansion

03-20-0019

Source of Estimates Conceptual: +/- 50%

Last Updated: 22-JAN-2009

Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Jasper Place Branch Renewal & Expansion

07-20-0027

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Griener J.

Outcome: Improve Edmonton's Livability

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|--------|
| Budget as Approved | - | 290 | 6,343 | 7,433 | - | - | 14,066 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 290 | 6,343 | 7,433 | - | - | 14,066 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-----|-------|-------|---|---|--------|
| EXPENDITURE PLAN | - | 290 | 6,343 | 7,433 | - | - | 14,066 |
|------------------|---|-----|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | - | 290 | 6,343 | 7,433 | - | - | 14,066 |
| Total Financing | - | | - | 290 | 6,343 | 7,433 | - | - | 14,066 |

Description

This approved capital project is for the major renovation or replacement and expansion of the Jasper Place Branch Library from 11,000 square feet to 15,000 square feet. 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. The minimum expected life of the renovated / replacement building and furniture / equipment included in this project is 15 years.

Project Cost Breakdown

| | | |
|-----------------|----|--------|
| Design | \$ | 725 |
| Construction | | 11,650 |
| Furn. & Equip. | | 1,610 |
| Percent for Art | | 81 |

Last Updated: 11-FEB-2009

\$ 14,066

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Jasper Place Branch Renewal & 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.

By 2008/2009 it will require major renovations / replacement. As well, 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%

Last Updated: 11-FEB-2009

Edmonton Public Library

(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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 565 | 655 | 760 | - | - | 1,980 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 565 | 655 | 760 | - | - | 1,980 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|---|---|-------|
| - | 565 | 655 | 760 | - | - | 1,980 |
|---|-----|-----|-----|---|---|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|------|------|------|------|------|-------|
| Munc Sustain. Initiative - MSI | - | - | 565 | 655 | 760 | - | - | 1,980 |
| Total Financing | - | - | 565 | 655 | 760 | - | - | 1,980 |

Description

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 up-grade/replacement.

Project Cost Breakdown

| | | |
|-----------------|----|-------|
| Const. & Design | \$ | 1,980 |
|-----------------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 1,980 |
|----|-------|

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Library Facilities Rehab. / Renewal

09-20-0048

Justification

The Edmonton Public Library currently operates sixteen 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 than normal public usage, this increased occupancy shortens standard life expectancies of many key components of the facilities. In order to protect and preserve the facility assets of the EPL, constant rehabilitation and renewal is required.

Areas of Alignment:

1. City Council Priorities: 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%

Last Updated: 22-JAN-2009

Edmonton Public Library

(thousands of dollars)

PROGRAM: Public Library

PROJECT NAME: Milner Library Rehabilitation / Renewal

09-20-0049

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | - | 1,591 | 3,077 | 225 | - | - | 4,893 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,591 | 3,077 | 225 | - | - | 4,893 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 254 | 287 | 541 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 254 | 287 | 541 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-----|-----|-----|-------|
| - | 1,591 | 3,077 | 225 | 254 | 287 | 5,434 |
|---|-------|-------|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 1,591 | 3,077 | 225 | 254 | 287 | 5,434 |
| Total Financing | - | | - | 1,591 | 3,077 | 225 | 254 | 287 | 5,434 |

Description

A number of rehabilitation/renewal projects are required at the main downtown library location. Key areas that will be addressed are:

Mechanical Systems \$3.4M (2009-10)

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.

Milner Egress (Fire safety) \$1.2M (2010)

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.

Milner Envelope - Outside Walls \$4.3M (2014-15)

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.

Project Cost Breakdown

| | | |
|-----------------|----|-------|
| Const. & Design | \$ | 4,893 |
|-----------------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 4,893 |
|----|-------|

Edmonton Public Library

PROGRAM: Public Library

PROJECT NAME: Milner Library Rehabilitation / Renewal

09-20-0049

Justification

Facilities must be maintained to a minimum standard which preserves their useful life, ensures the occupants ability to carry out necessary functions and responsibilities, and ensures the health and safety of the staff and public.

Without the required funding, building components and systems at or near the end of their useful life will not be restored or replaced in a timely or cost effective manner. This will lead to higher operating costs, increased frequency of emergency repairs and lead to more costly repairs and renovations in future years.

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%

Last Updated: 22-JAN-2009

Edmonton Public Library

(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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 413 | 339 | 428 | - | - | 1,180 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 413 | 339 | 428 | - | - | 1,180 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|---|---|-------|
| - | 413 | 339 | 428 | - | - | 1,180 |
|---|-----|-----|-----|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 413 | 339 | 428 | - | - | 1,180 |
| Total Financing | - | | - | 413 | 339 | 428 | - | - | 1,180 |

Description

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.

Justification

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.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown

Computer Equipment \$ 1,180

Last Updated: 22-JAN-2009

\$ 1,180

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Fred Broadstock Pool Redevelopment

07-21-4221

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 3,960 | 1,518 | - | - | - | - | 5,478 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,960 | 1,518 | - | - | - | - | 5,478 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 3,960 | 1,518 | - | - | - | - | 5,478 |
|-------|-------|---|---|---|---|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|-------------|-------|------|------|------|------|-------|
| Tax-Supported Debt | - | 3,960 | 1,518 | - | - | - | - | 5,478 |
| Total Financing | - | 3,960 | 1,518 | - | - | - | - | 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 pools infrastructures are 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

Amount:

\$61

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 548 |
| Contingency | | 548 |
| Construction | | 4,382 |

Last Updated: 22-JAN-2009

\$ 5,478

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Fred Broadstock Pool Redevelopment

07-21-4221

Not proceeding with this project will result in increased maintenance costs and customer dissatisfaction and may result in the continued deterioration of this facility until a catastrophic failure causes the pool to close indefinitely.

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: Fall 2009

Source of Estimates Detailed Design: +/- 20%

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Municipal Cemeteries Infrastructure Imp.

07-21-5351

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | - | 783 | 317 | - | - | 1,100 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 783 | 317 | - | - | 1,100 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|---|-----|-----|---|---|-------|
| EXPENDITURE PLAN | - | - | 783 | 317 | - | - | 1,100 |
|------------------|---|---|-----|-----|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 783 | 317 | - | - | 1,100 |
| Total Financing | - | | - | - | 783 | 317 | - | - | 1,100 |

Description

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

Justification

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

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

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

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

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 110 |
| Construction | | 990 |

Last Updated: 22-JAN-2009

\$ 1,100

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Municipal Cemeteries Infrastructure Imp.

07-21-5351

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: John Janzen Nature Centre

07-21-5353

Group-Criteria: B-240 Economic Development & Promotion - City Wide

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | 1,800 | 1,345 | 3,560 | 1,794 | - | - | 8,499 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,800 | 1,345 | 3,560 | 1,794 | - | - | 8,499 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|---|---|-------|
| 1,800 | 1,345 | 3,560 | 1,794 | - | - | 8,499 |
|-------|-------|-------|-------|---|---|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|-------|-------|------|------|-------|
| General Financing | - | 600 | - | - | - | - | - | 600 |
| Other Reserve | - | - | 64 | 170 | 90 | - | - | 324 |
| Developer Financing | - | 700 | 1,281 | 3,390 | 1,704 | - | - | 7,075 |
| Financial Stabilization Resrv. | - | 500 | - | - | - | - | - | 500 |
| Total Financing | - | 1,800 | 1,345 | 3,560 | 1,794 | - | - | 8,499 |

Description

This project involves additions and renovations to the John Janzen Nature Centre. Phase 1 (2008 and 2009) includes construction of a Children's Discovery Gallery, renovations and expansion of the customer service and reception area, and upgrading of the heating, ventilation and electrical systems. Phase 2 (2010) includes development of a large special events, multi-purpose room with concession, and expansion of the administrative area and development of a themed classroom. Phase 3 (2011) includes exterior development including construction of a Trail Head, Group gathering area, and Development of a Backyard for Wildlife Exhibit.

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.

The Enterprise Portfolio model was endorsed by City Council on June 24, 1997 as the preferred option for the ownership and management of selected city facilities. The purpose of the Enterprise Portfolio (C479) includes the following:

- 1) To create a cap on the tax levy support required for the operation and

| | | |
|------------------------------|------------------------|----------|
| Percent for Art | Project Cost Breakdown | |
| Amount: \$88 | | |
| Percent of Total Project: 1% | Design | \$ 1,184 |
| | Construction | 7,315 |
| Last Updated: 22-JAN-2009 | | \$ 8,499 |

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: John Janzen Nature Centre

07-21-5353

development of constituent facilities excluding corporate initiatives as defined in city procedure.

2) To provide flexibility, incentive and accountability for the portfolio to innovate and seek new revenue streams, partnerships and business opportunities within its mandate.

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 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.

Source of Estimates Detailed Design: +/- 20%

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Ft. Edmonton Park Master Plan Implement.

06-21-5354

Group-Criteria: B-240 Economic Development & Promotion - City Wide

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 3,542 | 1,125 | 3,118 | 4,083 | - | - | 11,868 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,542 | 1,125 | 3,118 | 4,083 | - | - | 11,868 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 7,475 | 6,144 | 13,619 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 7,475 | 6,144 | 13,619 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Other Reserve | - | | 469 | 79 | 157 | 224 | 607 | 535 | 2,071 |
| Developer Financing | - | | 2,573 | - | - | 642 | 6,868 | 5,609 | 15,692 |
| Financial Stabilization Resrv. | - | | 500 | - | - | - | - | - | 500 |
| Munc Sustain. Initiative - MSI | - | | - | 1,046 | 2,961 | 3,217 | - | - | 7,224 |
| Total Financing | - | | 3,542 | 1,125 | 3,118 | 4,083 | 7,475 | 6,144 | 25,487 |

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 such as, White Lunch Cafeteria, Mite Block, Capital 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.

Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. The Enterprise Portfolio model was endorsed by City Council on June 24, 1997 as the preferred option for the ownership and management of selected city facilities. The purpose of the Enterprise Portfolio (C479) includes the following:

- 1) To create a cap on the tax levy support required for the operation and development of constituent facilities excluding corporate initiatives as defined in city procedure.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 76 |
| Construction | | 25,411 |

Last Updated: 22-JAN-2009

\$ 25,487

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Ft. Edmonton Park Master Plan Implement.

06-21-5354

2) To provide flexibility, incentive and accountability for the portfolio to innovate and seek new revenue streams, partnerships and business opportunities within its mandate.

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.

Business Initiatives: 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 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%

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Valley Zoo Enterprise/Partner Support

09-21-5357

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

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 | 14,057 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 6,977 | 7,080 | 14,057 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|---|-------|-------|-------|--------|
| - | - | - | 6,174 | 6,977 | 7,080 | 20,231 |
|---|---|---|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|------|------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Developer Financing | - | | - | - | - | 6,174 | 6,977 | 7,080 | 20,231 |
| Total Financing | - | | - | - | - | 6,174 | 6,977 | 7,080 | 20,231 |

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, otters, 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

| | | | |
|---------------------------|-------|------------------------|-----------|
| Percent for Art | | Project Cost Breakdown | |
| Amount: | \$319 | Design | \$ 2,570 |
| Percent of Total Project: | 1% | Construction | 17,661 |
| Last Updated: 22-JAN-2009 | | | \$ 20,231 |

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Valley Zoo Enterprise/Partner Support

09-21-5357

to successfully fundraise within the proposed timeframe. The Society actively 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 model was endorsed by City Council on June 24, 1997 as the preferred option for the ownership and management of selected city facilities. The purpose of the Enterprise Portfolio (C479) includes the following:

- 1) To create a cap on the tax levy support required for the operation and development of constituent facilities excluding corporate initiatives as defined in city procedure.
- 2) To provide flexibility, incentive and accountability for the portfolio to innovate and seek new revenue streams, partnerships and business opportunities within it's mandate.

Business Initiatives: 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 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: \$14,300

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Arena Rehabilitation Program

09-21-5366

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 200 | 205 | 210 | - | - | 615 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 200 | 205 | 210 | - | - | 615 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 215 | 220 | 435 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 215 | 220 | 435 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 200 | 205 | 210 | 215 | 220 | 1,050 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 200 | 205 | 210 | 215 | 220 | 1,050 |
| Total Financing | - | | - | 200 | 205 | 210 | 215 | 220 | 1,050 |

Description

This program will provide rehabilitation at two municipal arenas, Russ Barnes and Grand Trunk. Rehabilitation is required to building site conditions such as mechanical systems, building hardware, electrical systems, etc. Proposed projects will provide improvements to two municipal arenas.

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%

Project Cost Breakdown

Construction \$ 1,050

Last Updated: 22-JAN-2009

\$ 1,050

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Equipment Conservation

09-21-5601

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 358 | 535 | 316 | - | - | 1,209 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 358 | 535 | 316 | - | - | 1,209 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 521 | 340 | 861 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 521 | 340 | 861 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 358 | 535 | 316 | 521 | 340 | 2,070 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 358 | 535 | 316 | 521 | 340 | 2,070 |
| Total Financing | - | | - | 358 | 535 | 316 | 521 | 340 | 2,070 |

Description

This project allows for the planned replacement of high dollar value program and service delivery equipment that is integral to supporting revenue generation within the recreations 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.

Justification

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.

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 Leisure Centres." Management response was to accept this recommendation.

If equipment continues to deteriorate, demand/capacity and functionality will decline and the mandated services and general operations of recreation

Project Cost Breakdown

Equipment \$ 1,209

Last Updated: 22-JAN-2009

\$ 1,209

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Equipment Conservation

09-21-5601

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.

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.

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.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment;
Corporate Business Plan: Municipal Responsibility, Services to people;
Department Business Plan: Health, Safety & 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.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Neighbourhood & Community Dev.

PROJECT NAME: Computer Application/Hardware Replacemen

09-21-5610

Group-Criteria: D-140 Maintenance/Rehabilitation Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Reduce barriers to participate in recreation prgms

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 495 | 535 | 585 | - | - | 1,615 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 495 | 535 | 585 | - | - | 1,615 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 644 | 708 | 1,352 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 644 | 708 | 1,352 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 495 | 535 | 585 | 644 | 708 | 2,967 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 495 | 535 | 585 | 644 | 708 | 2,967 |
| Total Financing | - | | - | 495 | 535 | 585 | 644 | 708 | 2,967 |

Description

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.

Justification

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.

Project Cost Breakdown

Hardware / Software \$ 1,615

Last Updated: 22-JAN-2009

\$ 1,615

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 4,482 | 268 | - | - | - | - | 4,750 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,482 | 268 | - | - | - | - | 4,750 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-----|---|---|---|---|-------|
| 4,482 | 268 | - | - | - | - | 4,750 |
|-------|-----|---|---|---|---|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|-------------|------|------|------|------|------|-------|
| Tax-Supported Debt | - | 4,482 | 268 | - | - | - | - | 4,750 |
| Total Financing | - | 4,482 | 268 | - | - | - | - | 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 facilities will be retrofitted over a three year period. Leisure Centres include: Bonnie Doon, Peter Hemmingway, Eastglen, Grand Trunk, Hardisty, Jasper Place, Mill Woods, O'Leary. Other facilities include the Kinsmen Sports Centre and the ACT Aquatics & Recreation Centre.

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 over the five year period 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. Actual repayment and energy cost savings will be tracked and reported through the SAP operating results. 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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 433 |
| Construction | | 4,317 |

Last Updated: 18-FEB-2009

\$ 4,750

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: ME First-Energy Management

06-21-5655

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 the Community Services service challenge of managing an aging infrastructure.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 18-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Multi-Sport Tournament & 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|------|------|------|--------|
| Budget as Approved | 11,549 | 12,835 | 7,600 | - | - | - | 31,984 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 11,549 | 12,835 | 7,600 | - | - | - | 31,984 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|-------|---|---|---|--------|
| 11,549 | 12,835 | 7,600 | - | - | - | 31,984 |
|--------|--------|-------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 500 | - | - | - | - | - | 500 |
| Developer Financing | - | | 2,268 | 5,267 | 1,600 | - | - | - | 9,135 |
| Financial Stabilization Resrv. | - | | 1,632 | 568 | - | - | - | - | 2,200 |
| Operating Revenues | - | | 4,949 | - | - | - | - | - | 4,949 |
| Munc Sustain. Initiative - MSI | - | | - | 7,000 | 6,000 | - | - | - | 13,000 |
| Operating Surplus (FSR) | - | | 2,200 | - | - | - | - | - | 2,200 |
| Total Financing | - | | 11,549 | 12,835 | 7,600 | - | - | - | 31,984 |

Description

The construction of an Outdoor Multi-Sport Tournament and Recreation Site will feature 14 full-size rectangular soccer fields, 3 rugby fields, 8 fenced diamonds, 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). There will be no additional impact on operations. Developer financing is made up of contributions of four partners:

Norwest Rugby/Athletic Association - \$1,400

EIYSA Club Soccer - \$1,000

EMSA - \$1,000

Oil City Slo-Pitch - \$2,400

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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 236 |
| Construction | | 31,748 |

Last Updated: 18-FEB-2009

\$ 31,984

Community Services

PROGRAM: Recreation Facility Services

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

07-21-5730

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. 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.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 18-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: BMX Bike Park Development

08-21-5732

Group-Criteria: B-270 Support Of Human/Social Environment - City Wide

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Reduce barriers to participate in recreation prgms

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 200 | - | - | - | - | 200 |
| Developer Financing | - | | - | 400 | - | - | - | - | 400 |
| 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. The project will include the development of a track and a small storage / maintenance facility. The location for this site is to be determined.

Edmonton BMX expects to have raised approximately \$200K by the end of 2008 towards this project.

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

Percent for Art

Amount:

\$5

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 50 |
| Construction | | 550 |

Last Updated: 17-FEB-2009

\$ 600

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: BMX Bike Park Development

08-21-5732

the Edmonton BMX Racing Club.

Corporate Business Plan Initiatives: Infrastructure and Physical Environment.
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%

Last Updated: 17-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Rowing Club Boat House

07-21-5738

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 680 | 85 | - | - | - | - | 765 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 680 | 85 | - | - | - | - | 765 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|----|---|---|---|---|-----|
| 680 | 85 | - | - | - | - | 765 |
|-----|----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Developer Financing | - | | 500 | 85 | - | - | - | - | 585 |
| Council Contingency | - | | 180 | - | - | - | - | - | 180 |
| Total Financing | - | | 680 | 85 | - | - | - | - | 765 |

Description

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

Percent for Art

Amount:

Percent of Total Project:

0%

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Construction | \$ | 765 |
|--------------|----|-----|

Last Updated: 03-FEB-2009

| | |
|----|-----|
| \$ | 765 |
|----|-----|

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Rowing Club Boat House

07-21-5738

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 of the upcoming Buena 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 Preliminary Design: +/- 30%

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: 03-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 175 | 125 | - | - | - | - | 300 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 175 | 125 | - | - | - | - | 300 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|-----|-----|---|---|---|---|-----|
| EXPENDITURE PLAN | 175 | 125 | - | - | - | - | 300 |
|------------------|-----|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 125 | 125 | - | - | - | - | 250 |
| Financial Stabilization Resrv. | - | | 50 | - | - | - | - | - | 50 |
| Total Financing | - | | 175 | 125 | - | - | - | - | 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 three outlets on the pipe (two in Goldbar 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 Goldbar 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 facility 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 Goldbar/Goldstick and Capilano Parks'. The enhanced grooming and snow making services by ENSC are free

Percent for Art

Amount:

\$2

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 20 |
| Construction | | 280 |

Last Updated: 18-FEB-2009

\$ 300

Community Services

PROGRAM: Recreation 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 (2008-2009) 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 2009 to Fall 2009

Grant Eligibility: The Edmonton Nordic Ski Club will likely apply to the province for a Major Community Facilities Grant (MCFP). The partner will require a Municipal Support to complete this MCFP grant application in 2008.

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 2009), 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%

Last Updated: 18-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Artificial Playing Surfaces: Qdrnt Based

07-21-5746

Group-Criteria: B-145 Maintenance/Upgrade Projects

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 3,500 | 5,500 | 7,500 | - | - | 16,500 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,500 | 5,500 | 7,500 | - | - | 16,500 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|-------|-------|---|---|--------|
| EXPENDITURE PLAN | - | 3,500 | 5,500 | 7,500 | - | - | 16,500 |
|------------------|---|-------|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 3,500 | 5,500 | 7,500 | - | - | 16,500 |
| Total Financing | - | | - | 3,500 | 5,500 | 7,500 | - | - | 16,500 |

Description

To develop artificial turf playing surfaces in all four quadrants of the City. The plan would include both a single stand alone field as well as multi-field design in 2009, and multi-field designs in 2010 and 2011. It would also include a partner funded standalone field in 2015. Locations are as follows:

2009 - Jasper Place Bowl (stand alone field as identified in the Medium Term Rec. Facilities and Sportsfield Plan)

2010 - Multi-field design in Southeast (Option 1: Mill Woods District Park)

2011 - Multi-field design in Northeast (Option 1: 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.

Artificial Playing Surfaces: Qdrnt Based profile 15-21-5821 is unfunded with cost escalation amount of \$8.5 million from general financing and \$5 million from developer financing.

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

Percent for Art

Amount:

\$240

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,000 |
| Construction | | 15,500 |

Last Updated: 17-FEB-2009

\$ 16,500

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Artificial Playing Surfaces: Qdrnt Based

07-21-5746

without the damage that would typically occur in similar situations on a grass surface. Artificial surfaces can significantly extend the length of the season in spring and fall.

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

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

Council 10 year strategic goal: Improve Edmonton's Livability

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

Corporate Business Plan Initiatives: Infrastructure and Physical Environment; Implement the Infrastructure Strategy, a Well Planned Urban Environment.

Department Business Plan: Develop a Parks Open Space for the City of Edmonton.

Service Challenge: Meeting the needs of a growing city. Integrated Service

Strategy: Development based on partnerships, Balancing Diverse Needs and Uses.

Source of Estimates

Preliminary Design: +/- 30%

Last Updated: 17-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Recreation Facility Safety and Security

09-21-5771

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 967 | 507 | 520 | - | - | 1,994 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 967 | 507 | 520 | - | - | 1,994 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 533 | 546 | 1,079 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 533 | 546 | 1,079 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 967 | 507 | 520 | 533 | 546 | 3,073 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 967 | 507 | 520 | 533 | 546 | 3,073 |
| Total Financing | - | | - | 967 | 507 | 520 | 533 | 546 | 3,073 |

Description

This project will address the safety and security risks at recreation facilities. It will fund initiatives such as improved lighting, communications, sound, video surveillance, uninhibited site lines and other strategies to improve personal safety and security of customers and staff.

Justification

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, law enforcement and experts in security, the recreation facilities can be more safe and secure.

Facilities such as Commonwealth Stadium, Castledowns Arenas and Clareview Arenas which are considered to be higher risk due to the number of incidents were assessed in 2007.

The outcome of this initiative would be recreation facilities that 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.

Project Cost Breakdown

Equipment \$ 3,073

Last Updated: 22-JAN-2009

\$ 3,073

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Recreation Facility Safety and Security

09-21-5771

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Materials | 14 | 7 | - | 7 | 7 |
| Personnel | 236 | 17 | - | 8 | 8 |
| Total Impact | 250 | 24 | - | 15 | 15 |

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|---|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | - | 1,000 | - | - | - | 1,000 |
| Total Financing | - | | - | - | 1,000 | - | - | - | 1,000 |

Description

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.

Percent for Art

Amount:

Percent of Total Project:

0%

Project Cost Breakdown

Design \$ 1,000

Last Updated: 22-JAN-2009

\$ 1,000

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Marquis Pylon Sign Replacement

08-21-5792

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 | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|-----|---|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Other Reserve | - | | - | 180 | - | - | - | - | 180 |
| Developer Financing | - | | - | 90 | - | - | - | - | 90 |
| Total Financing | - | | - | 270 | - | - | - | - | 270 |

Description

This project will replace the Marquis Sign with a new M/SLED Full Matrix, Electronic Message Center at Commonwealth Stadium located on the corner of 112 Avenue and Stadium Road and to replace the existing marquis sign at the Kinsmen Sports Centre with a smaller version of the above. The Kinsmen Club has agreed to fund the replacement of the Kinsmen Sports Centre Marquis Sign \$90K. City portion will be funded through Enterprise Reserve.

Justification

The current Marquis Signs are old and very outdated in terms of the advancements in technology. The operating hardware and software for these signs is so outdated that it can no longer be serviced and new hardware is not compatible with the old software. Both signs are also very expensive to maintain with a maintenance cost of \$12,000 per year to replace lamps and approximately \$30,000 per year in operating costs. The new M/S LED Matrix Electronic Message Center does not use lamps, so no bulb replacement costs.

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

Any impacts to the operating base will be managed within the Enterprise capped

Project Cost Breakdown

| | | |
|-----------|----|-----|
| Equipment | \$ | 270 |
|-----------|----|-----|

Last Updated: 22-JAN-2009

| | |
|----|-----|
| \$ | 270 |
|----|-----|

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Marquis Pylon Sign Replacement

08-21-5792

tax levy.

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|------|------|------|------|--------|
| Budget as Approved | 4,300 | 12,939 | - | - | - | - | 17,239 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,300 | 12,939 | - | - | - | - | 17,239 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|--------|---|---|---|---|--------|
| 4,300 | 12,939 | - | - | - | - | 17,239 |
|-------|--------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Developer Financing | - | | 1,000 | 2,539 | - | - | - | - | 3,539 |
| Munc Sustain. Initiative - MSI | - | | 3,300 | 10,400 | - | - | - | - | 13,700 |
| Total Financing | - | | 4,300 | 12,939 | - | - | - | - | 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 gym 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 4 weekends a year.

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

Amount:

\$132

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 594 |
| Contingency | | 1,137 |
| Construction | | 15,508 |

Last Updated: 17-FEB-2009

\$ 17,239

Community Services

PROGRAM: Recreation 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 estimated annual operating costs for the facility is \$200,000 with the City's share being \$140,000 in tax levy funds. This is 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 which will be reviewed annually.

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.

Source of Estimates Conceptual: +/- 50%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|-------|------|------|------|
| Personnel | 120 | 330 | - | - | - |
| Revenue | (51) | (184) | (81) | - | - |
| Total Impact | 69 | 146 | (81) | - | - |

Last Updated: 17-FEB-2009

Community Services

(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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 15,000 | 15,000 | 15,000 | - | - | 45,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 15,000 | 15,000 | 15,000 | - | - | 45,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 15,000 | 15,000 | 30,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 15,000 | 15,000 | 30,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|--------|--------|--------|--------|--------|
| - | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 |
|---|--------|--------|--------|--------|--------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|-------------|--------|--------|--------|--------|--------|--------|
| Tax-Supported Debt | - | - | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 |
| Total Financing | - | - | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 75,000 |

Description

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.

PRIORITY NEIGHBOURHOOD REVITALIZATION

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 million has also been included in 2010 for the purchase of the

Percent for Art

Amount: \$900

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 7,500 |
| Construction | | 67,500 |

Last Updated: 06-MAR-2009

\$ 75,000

Community Services

PROGRAM: Neighbourhood & Community Dev.

PROJECT NAME: Great Neighbourhoods Initiative

09-21-5800

Alberta Cycle building.

McCauley Initiative: Design for the revitalization will occur in 2010/2011 (\$.5m) with construction of the three subsequent revitalization phases scheduled from 2012 through to 2014.

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): \$4.7m has been allocated 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): \$8.4m 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%

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

Completion Year: 2017 Total Project Costs: \$150,000 Expenditures Beyond CPP Period: \$75,000

Last Updated: 06-MAR-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|------|------|------|--------|
| Budget as Approved | 2,220 | 28,000 | 12,000 | - | - | - | 42,220 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,220 | 28,000 | 12,000 | - | - | - | 42,220 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

| | | | | | | | |
|--------------------------------|-------|--------|--------|---|---|---|--------|
| TOTAL CAPITAL EXPENDITURE PLAN | 2,220 | 28,000 | 12,000 | - | - | - | 42,220 |
|--------------------------------|-------|--------|--------|---|---|---|--------|

| Financing | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|----------------------------|----------------|--|-------------|--------|--------|------|------|------|--------|
| General Financing | - | | 20 | - | - | - | - | - | 20 |
| Developer Financing | - | | - | 20,000 | - | - | - | - | 20,000 |
| Tax-Supported Debt | - | | - | 8,000 | 12,000 | - | - | - | 20,000 |
| Tax-Supported Debt Reserve | - | | 2,200 | - | - | - | - | - | 2,200 |
| Total Financing | - | | 2,220 | 28,000 | 12,000 | - | - | - | 42,220 |

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 at the July 23rd, 2008 City Council meeting. The project will include the design and construction of the field house, general change rooms, an Edmonton Eskimo Locker room and general amenities, and schematic design of the recreation centre, swimming pools (leisure and teach pools), support spaces to connect and integrate the pool with the existing gymnasium and fitness centre, and required site servicing (utilities, parking and landscaping).

Estimated useful 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 resources

| | | | | |
|---------------------------|-------|---------------------------|------------------------|---------------------|
| Percent for Art | | | Project Cost Breakdown | |
| Amount: | \$360 | Percent of Total Project: | 1% | Other \$ 78 |
| | | | | Design 6,142 |
| | | | | Construction 36,000 |
| Last Updated: 23-FEB-2009 | | | | \$ 42,220 |

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: North Central Field House - Joe Clarke

08-21-5811

available, while creating needed recreational facilities that will serve both the Eskimos and the community.

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. Costs include 1 fulltime project staff in 2008 to manage and support development of the Concept Design. This estimate does not include costs associated with detail design, construction, site development, landscaping access roads, sport field and park development, etc).

Source of Estimates Conceptual: +/- 50%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|-------|------|------|
| Personnel | - | 562 | 575 | - | - |
| Revenue | - | - | (359) | - | - |
| Total Impact | - | 562 | 216 | - | - |

Last Updated: 23-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation Facility Services

PROJECT NAME: Valley Zoo Enterprise/Sea Mammals

11-21-5824

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

Project Manager: Smyth R

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|-------|------|------|-------|
| Budget as Approved | - | 3,500 | - | 3,500 | - | - | 7,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,500 | - | 3,500 | - | - | 7,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|---|-------|---|---|-------|
| - | 3,500 | - | 3,500 | - | - | 7,000 |
|---|-------|---|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|-------|------|------|-------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 3,500 | - | 3,500 | - | - | 7,000 |
| Total Financing | - | | - | 3,500 | - | 3,500 | - | - | 7,000 |

Description

The project involves implementation of the initial phase of the approved 2004. These funds would be used to complete elements required to the Pinniped Exhibit (Sea Mammal). The Sea Mammals exhibit is phase 1 of the Polar extremes precinct, and in itself is the first step to implementing the Valley Zoo master plan.

This project will fund design and construction of a new sea mammal facility (pinniped), including the associated pools, infrastructure, life support, interpretive elements and landscaping.

Expected asset life of 25 years with a 15 year debenture term. This profile is now combined with approved GF profile 07-75-2522.

Valley Zoo Enterprise/Partner Support is funded in 09-21-5357 for \$34.531 million.

Seeking Provincial & Federal funding to supplement program elements in hope of completing entire Polar Extremes.

Justification

This project aligns with City Council's Special Initiative related to Sports & Recreation Opportunities. Polar Extremes: Sea Mammals exhibit is an element of the Valley Zoo Revised Master Plan (2005). The Enterprise Portfolio model was endorsed by City Council on June 24, 1997 as the preferred option for the ownership and management of selected city facilities. The purpose of the Enterprise Portfolio (C479) includes the following:

| | | | | |
|---------------------------|------|---------------------------|------------------------|-----------------------|
| Percent for Art | | | Project Cost Breakdown | |
| Amount: | \$70 | Percent of Total Project: | 1% | Construction \$ 7,000 |
| Last Updated: 22-JAN-2009 | | | \$ 7,000 | |

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Valley Zoo Enterprise/Sea Mammals

11-21-5824

- 1) To create a cap on the tax levy support required for the operation and development of constituent facilities excluding corporate initiatives as defined in city procedure.
- 2) To provide flexibility, incentive and accountability for the portfolio to innovate and seek new revenue streams, partnerships and business opportunities within it's mandate.

Costing for Polar Extremes: Sea Mammal exhibit as provided by Studio Hansen Roberts in October, 2007.

Business Initiatives: 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 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.

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Recreation 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|---------|---------|--------|------|---------|
| Budget as Approved | - | 15,340 | 116,174 | 179,786 | 39,700 | - | 351,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 15,340 | 116,174 | 179,786 | 39,700 | - | 351,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|---------|---------|--------|---|---------|
| - | 15,340 | 116,174 | 179,786 | 39,700 | - | 351,000 |
|---|--------|---------|---------|--------|---|---------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|-------------|--------|---------|---------|--------|------|---------|
| Tax-Supported Debt | - | - | 15,340 | 116,174 | 179,786 | 39,700 | - | 351,000 |
| Total Financing | - | - | 15,340 | 116,174 | 179,786 | 39,700 | - | 351,000 |

Description

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

North Central Multi-Purpose Recreation Centre:

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

Clareview Multi-purpose Facility:

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

Meadows Multi-purpose Facility:

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

Percent for Art

Amount: \$2,080

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|-----------------|----|---------|
| Design | \$ | 32,000 |
| Construction | | 316,750 |
| Percent for Art | | 2,250 |

Last Updated: 23-FEB-2009

\$ 351,000

Community Services

PROGRAM: Recreation Facility Services

PROJECT NAME: Multi-Purpose Recreation Centres

09-21-5826

Please note: This project replaced the following multi-purpose facility profiles:
 North Central Multi-purpose Facility 08-21-5804
 Clareview Multi-purpose Facility 12-21-5787
 Meadows Multi-purpose Facility 13-21-5786

Justification

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

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

Completion Year: 2012 Total Project Costs: \$351,000 Expenditures Beyond CPP Period:

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Personnel | 154 | 82 | 238 | - | - |
| Total Impact | 154 | 82 | 238 | - | - |

Last Updated: 23-FEB-2009

Drainage Services

(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)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 800 | 820 | 840 | - | - | 2,460 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 800 | 820 | 840 | - | - | 2,460 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 860 | 879 | 1,739 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 860 | 879 | 1,739 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 800 | 820 | 840 | 860 | 879 | 4,199 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 800 | 820 | 840 | 860 | 879 | 4,199 |
| Total Financing | - | | - | 800 | 820 | 840 | 860 | 879 | 4,199 |

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, 02-23-3310, 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. The estimated useful life of this asset is 10 years or more and the debenture term is 10 years. 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.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 264 |
| Construction | | 2,196 |

Last Updated: 22-JAN-2009

\$ 2,460

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Environmental Improvements

09-23-0600

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.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|-------|-------|--------|
| Budget as Approved | 7,369 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 22,369 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 7,369 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 22,369 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 7,369 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 22,369 |
|-------|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 5,248 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 20,248 |
| Drainage Retain Earnings | - | | 2,121 | - | - | - | - | - | 2,121 |
| Total Financing | - | | 7,369 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 22,369 |

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, 02-23-3300, 02-23-3310, 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

| | | |
|--------------|----|--------|
| Design | \$ | 6,774 |
| Construction | | 23,295 |

Last Updated: 22-JAN-2009

\$ 30,069

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Opportunistic Sewer Separation

05-23-2160

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

Completion Year: 2016 Total Project Costs: \$30,069 Expenditures Beyond CPP Period: \$7,700

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Tertiary Treatment Phase 2

06-23-3119

Group-Criteria: A-120 Projects Required By Legislation

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 23,341 | 3,079 | 1,500 | 5,162 | - | - | 33,082 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 23,341 | 3,079 | 1,500 | 5,162 | - | - | 33,082 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|-------|-------|---|---|--------|
| 23,341 | 3,079 | 1,500 | 5,162 | - | - | 33,082 |
|--------|-------|-------|-------|---|---|--------|

| Financing | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Self-Liquidating Debentures | - | | 23,022 | 3,079 | 1,500 | 5,162 | - | - | 32,763 |
| Drainage Retain Earnings | - | | 319 | - | - | - | - | - | 319 |
| Total Financing | - | | 23,341 | 3,079 | 1,500 | 5,162 | - | - | 33,082 |

Description

This work is necessary to upgrade the Gold Bar Wastewater Treatment Plant to meet Provincial standards for phosphorus and nitrogen removal. It is also required in order to address unforeseen operational issues and to ensure nitrogen and phosphorus removal targets can be maintained as industrial discharges to the collection system increase. The project involves construction of three fermentation tanks, a utility tunnel, a supernatant treatment facility at the Clover Bar Lagoons, and treatment to remove secondary scum and foam.

The estimated useful life of the assets is 10 years or more and the debenture term is 10 years.

Justification

The Gold Bar Wastewater Treatment Plant is mandated to remove phosphorus and nitrogen from the effluent discharged to the river by Alberta Environment Approval-to-Operate (639-02-07). Based on the operating performance of biological nutrient removal (BNR) process and changes in the industrial waste quality coming to the plant, construction of additional fermentation tanks and a supernatant treatment facility at the Clover Bar Lagoons are required.

Construction of 3 more fermentation tanks (fermenters) will provide the plant with the ability to thicken the sludge before it is sent to the digesters, thereby increasing the overall capacity of that system. The fermenters themselves will also provide much needed additional sludge handling capacity and will produce acids which are required for the BNR process. In conjunction with the fermenter construction, a new utility tunnel and sludge piping will be required, due to space restrictions in the original 1956 pipe gallery. The

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 3,929 |
| Construction | | 42,045 |

Last Updated: 22-JAN-2009

\$ 45,974

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Tertiary Treatment Phase 2

06-23-3119

supernatant treatment facility will eliminate phosphorus recycling back to the plant, which is released from the digested sludge in the lagoons.

Source of Estimates Detailed Design: +/- 20%

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

Completion Year: 2015 Total Project Costs: \$45,974 Expenditures Beyond CPP Period: \$12,892

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|-------|------|
| General Maintenance | 156 | - | 100 | 1,623 | - |
| Personnel | - | - | 100 | 106 | - |
| Total Impact | 156 | - | 200 | 1,729 | - |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: CSO Enhanced Primary Treatment

02-23-3310

Group-Criteria: A-120 Projects Required By Legislation

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|-------|------|--------|--------|
| Budget as Approved | 40,314 | 10,000 | 3,943 | 6,002 | - | 10,628 | 70,887 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 40,314 | 10,000 | 3,943 | 6,002 | - | 10,628 | 70,887 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|-------|-------|---|--------|--------|
| 40,314 | 10,000 | 3,943 | 6,002 | - | 10,628 | 70,887 |
|--------|--------|-------|-------|---|--------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|-------------|--------|-------|-------|------|--------|--------|
| Self-Liquidating Debentures | - | 37,828 | 10,000 | 3,943 | 6,002 | - | 10,628 | 68,401 |
| Drainage Retain Earnings | - | 2,486 | - | - | - | - | - | 2,486 |
| Total Financing | - | 40,314 | 10,000 | 3,943 | 6,002 | - | 10,628 | 70,887 |

Description

To design and construct facilities required for Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) Treatment Plant Upgrades and to increase wet weather treatment capacity of the Gold Bar Wastewater Treatment Plant to 1600 ML/d and overflow capacity to 2200ML/d.

This project provides treatment plant upgrades identified in the City's CSO Control Strategy. This long term strategy more than meets with Alberta Environment's Combined Sewer Policy by achieving in 15 years what the policy requires in the 25 - 50 year time frame. It achieves their expectations of both the Municipal Policy and Procedures Manual and the City of Edmonton's Approval-to-Operate (639-02-00). This project involves the construction of CSO Screen's with a plant bypass, enhanced primaries 11 & 12, outfall improvements, Digester 7, and enhanced primary retrofit. The retrofit of primaries will adapt them to enhanced primary treatment whereby chemicals are added to improve the effluent quality in terms of biological oxygen demand and total suspended solids phosphorous, and where it will then undergo disinfection prior to discharging to the river.

The other initiatives for CSO are included in projects 09-23-0600 and 09-23-9702. The estimated useful life of the asset is 25 years or more and the debenture term is 25 years.

Work planned includes: completion of enhanced primary treatment clarifiers and the process building to enclose them, effluent conduits, a new river outfall, and expansion of the odour control system.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 10,094 |
| Construction | | 93,812 |

Last Updated: 22-JAN-2009

\$ 103,906

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: CSO Enhanced Primary Treatment

02-23-3310

Justification

Alberta Environment requested the City of Edmonton develop a strategy to deal with the combined sewer overflows over the next 30 years. The City commissioned a study to evaluate the CSO control options in 1996. As a result, the CSO Long Term Control Plan recommended extensive upgrades to the treatment plant in order to increase its wet weather treatment capacity to 1600ML/d, and to convert the existing primary treatment to enhanced primary treatment for better treatment of wet weather flow. This project is being undertaken bound by the CSO LTCP report (1998).

Source of Estimates Detailed Design: +/- 20%

Change from Previous Approval

The budget has been revised from 2009-2011 to better align project spending with budget cashflows as part of the Supplementary Budget Adjustment process.

The budget has been increased in 2009-2011 to reflect the City's chief economist's market condition forecast.

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

Completion Year: 2016 Total Project Costs: \$103,906 Expenditures Beyond CPP Period: \$33,019

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---------------------|------|------|------|------|------|
| General Maintenance | 216 | - | - | - | - |
| Personnel | 140 | 253 | - | - | - |
| Total Impact | 356 | 253 | - | - | - |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Water Recycling

04-23-3400

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|--------|
| Budget as Approved | 18,254 | 575 | 604 | - | - | - | 19,433 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 18,254 | 575 | 604 | - | - | - | 19,433 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-----|-----|---|---|---|--------|
| 18,254 | 575 | 604 | - | - | - | 19,433 |
|--------|-----|-----|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|----------------------------|----------------|--|-------------|------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Developer Financing | - | | 17,916 | - | - | - | - | - | 17,916 |
| Drainage Retained Earnings | - | | 338 | 575 | 604 | - | - | - | 1,517 |
| Total Financing | - | | 18,254 | 575 | 604 | - | - | - | 19,433 |

Description

This project is the implementation of a recycled water distribution network. The source of recycled water is the treated effluent from the Gold Bar Wastewater Treatment Plant (GBWWTP). The distribution network includes reservoirs, pump stations and supply pipelines to the Strathcona Industrial area. The use for the recycled water is as a source of water to meet non-potable requirements, i.e. industrial demand and irrigation. This project will have no operating impact.

Justification

Alberta Environment is continually implementing more stringent requirements on municipalities and industries on the release of wastewater into the environment.

They have also begun to limit or increase the permit costs for taking water from the environment. These two factors have created a need for an additional source of water that does not have to be of potable standards.

Efforts by the GBWWTP to increase the quality of effluent from their plant will result in a higher quality of water that will be produced at their outfall. This water will be suitable for collection and distribution to industries to use in their processes, as well as for irrigation purposes. The recycled water will provide a benefit to the environment by reducing the amount of water taken from the river, and by reducing the amount of wastewater returned to the river. The sale of recycled water will provide revenue to the city and will be of economic benefit to those that will be using the recycled water as it will provide a cheaper alternative to potable water.

Source of Estimates Detailed Design: +/- 20%

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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Other | \$ | 1,678 |
| Design | | 3,892 |
| Construction | | 13,863 |

Last Updated: 22-JAN-2009

\$ 19,433

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Water Recycling 04-23-3400

Completion Year: 2010 Total Project Costs: \$19,433 Expenditures Beyond CPP Period:

Last Updated: 22-JAN-2009

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 1,537 | 1,767 | - | - | - | - | 3,304 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,537 | 1,767 | - | - | - | - | 3,304 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 1,537 | 1,767 | - | - | - | - | 3,304 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | 1,537 | 1,767 | - | - | - | - | 3,304 |
| Total Financing | - | | 1,537 | 1,767 | - | - | - | - | 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 Enhanced Primary Treatment project and 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, 02-23-3310, 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 2009

Source of Estimates Detailed Design: +/- 20%

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

Completion Year: 2009 Total Project Costs: \$3,304 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 662 |
| Construction | | 2,642 |

Last Updated: 22-JAN-2009

\$ 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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 4,901 | 9,962 | - | - | - | - | 14,863 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,901 | 9,962 | - | - | - | - | 14,863 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|--------|
| 4,901 | 9,962 | - | - | - | - | 14,863 |
|-------|-------|---|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|-------------|-------|------|------|------|------|--------|
| Drainage Retain Earnings | - | 4,901 | 9,962 | - | - | - | - | 14,863 |
| Total Financing | - | 4,901 | 9,962 | - | - | - | - | 14,863 |

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.

Justification

The shortage of office space has become more acute by 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

Detailed Design: +/- 20%

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

Completion Year: 2009 Total Project Costs: \$14,863 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|----------------|----|--------|
| Land | \$ | 1,504 |
| Design | | 946 |
| Equipment | | 700 |
| Contingency | | 200 |
| Construction | | 11,428 |
| Furn. & Equip. | | 85 |
| | \$ | 14,863 |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Operation's Equipment Repair & Replace

09-23-6100

Group-Criteria: D-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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 400 | 400 | 450 | - | - | 1,250 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 400 | 400 | 450 | - | - | 1,250 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 450 | 450 | 900 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 450 | 450 | 900 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 400 | 400 | 450 | 450 | 450 | 2,150 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 400 | 400 | 450 | 450 | 450 | 2,150 |
| Total Financing | - | | - | 400 | 400 | 450 | 450 | 450 | 2,150 |

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%

Project Cost Breakdown

| | | |
|-----------|----|-------|
| Equipment | \$ | 1,250 |
|-----------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 1,250 |
|----|-------|

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Review/Inspect Developer Built Sewers

09-23-7199

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 650 | 690 | 700 | - | - | 2,040 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 650 | 690 | 700 | - | - | 2,040 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 710 | 722 | 1,432 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 710 | 722 | 1,432 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 650 | 690 | 700 | 710 | 722 | 3,472 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Developer Financing | - | | - | 325 | 345 | 350 | 355 | 361 | 1,736 |
| Drainage Retain Earnings | - | | - | 325 | 345 | 350 | 355 | 361 | 1,736 |
| Total Financing | - | | - | 650 | 690 | 700 | 710 | 722 | 3,472 |

Description

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 minimal short term operating impact.

Justification

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%

Project Cost Breakdown

Technical Services \$ 2,040

Last Updated: 22-JAN-2009

\$ 2,040

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: NEST - Stage NL2, NL3 & N1

06-23-9102

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 10,558 | 2,442 | 4,000 | 5,000 | - | - | 22,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 10,558 | 2,442 | 4,000 | 5,000 | - | - | 22,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|-------|-------|---|---|--------|
| 10,558 | 2,442 | 4,000 | 5,000 | - | - | 22,000 |
|--------|-------|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Sanitary Serv. Strategy Fund | - | | 10,558 | 2,442 | 4,000 | 5,000 | - | - | 22,000 |
| Total Financing | - | | 10,558 | 2,442 | 4,000 | 5,000 | - | - | 22,000 |

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 - 2010 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: \$22,000 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,000 |
| Construction | | 21,000 |

Last Updated: 22-JAN-2009

\$ 22,000

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|-------|------|--------|
| Budget as Approved | 5,991 | 9,075 | 13,600 | 14,300 | 8,768 | - | 51,734 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 5,991 | 9,075 | 13,600 | 14,300 | 8,768 | - | 51,734 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|-------|-------|--------|--------|-------|---|--------|
| EXPENDITURE PLAN | 5,991 | 9,075 | 13,600 | 14,300 | 8,768 | - | 51,734 |
|------------------|-------|-------|--------|--------|-------|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|--------|--------|-------|------|--------|
| Sanitary Serv. Strategy Fund | - | 2,015 | 3,500 | 8,000 | 7,500 | - | - | 21,015 |
| Drainage Retain Earnings | - | 348 | - | - | - | - | - | 348 |
| Self-Liquid. Debent.-Sanitary | - | 3,628 | 5,575 | 5,600 | 6,800 | 8,768 | - | 30,371 |
| Total Financing | - | 5,991 | 9,075 | 13,600 | 14,300 | 8,768 | - | 51,734 |

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 2012. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund and debt. This project will be completed by the end of 2012. 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 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: 2012 Total Project Costs: \$51,734 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,149 |
| Construction | | 49,585 |

Last Updated: 22-JAN-2009

\$ 51,734

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 23,229 | 2,373 | - | - | - | 481 | 26,083 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 23,229 | 2,373 | - | - | - | 481 | 26,083 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|---|---|---|-----|--------|
| 23,229 | 2,373 | - | - | - | 481 | 26,083 |
|--------|-------|---|---|---|-----|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|-------------|-------|------|------|------|------|--------|
| Sanitary Serv. Strategy Fund | - | 23,229 | 2,373 | - | - | - | 481 | 26,083 |
| Total Financing | - | 23,229 | 2,373 | - | - | - | 481 | 26,083 |

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

2014 - 2015 - Construction of SW4 and SW5.

Source of Estimates

Detailed Design: +/- 20%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 6,560 |
| Construction | | 40,108 |

Last Updated: 22-JAN-2009

\$ 46,668

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: SESS SW2 - SW5

05-23-9203

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

Completion Year: 2015 Total Project Costs: \$46,668 Expenditures Beyond CPP Period: \$20,585

Last Updated: 22-JAN-2009

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|--------|
| Budget as Approved | 4,000 | 6,100 | 7,000 | - | - | - | 17,100 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,000 | 6,100 | 7,000 | - | - | - | 17,100 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|---|---|---|--------|
| 4,000 | 6,100 | 7,000 | - | - | - | 17,100 |
|-------|-------|-------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|--|-------------|-------|-------|------|------|------|--------|
| Financing | | | | | | | | | |
| Sanitary Serv. Strategy Fund | - | | 4,000 | 6,100 | 7,000 | - | - | - | 17,100 |
| Total Financing | - | | 4,000 | 6,100 | 7,000 | - | - | - | 17,100 |

Description

The 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 such that developments in the area can proceed. The Sanitary Servicing Strategy Fund will finance the construction of these sewers. This SESS SE3 project will be completed by the end of 2008. The Big Lake sewer will be constructed in 2009 while the SESS SE4 project is scheduled for 2010. The estimated useful life of the asset is 25 years or more.

This project will have no operating impact.

Source of Estimates Preliminary Design: +/- 30%

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

Completion Year: 2010 Total Project Costs: \$17,100 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 114 |
| Construction | | 16,986 |

Last Updated: 22-JAN-2009

\$ 17,100

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 25,817 | 2,183 | - | - | - | - | 28,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 25,817 | 2,183 | - | - | - | - | 28,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|---|---|---|---|--------|
| 25,817 | 2,183 | - | - | - | - | 28,000 |
|--------|-------|---|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|-------------|-------|------|------|------|------|--------|
| Sanitary Serv. Strategy Fund | - | 25,817 | 2,183 | - | - | - | - | 28,000 |
| Total Financing | - | 25,817 | 2,183 | - | - | - | - | 28,000 |

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 2009

Source of Estimates Award: +/- 10%

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

Completion Year: 2009 Total Project Costs: \$28,000 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 800 |
| Construction | | 27,200 |

Last Updated: 22-JAN-2009

\$ 28,000

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 21,220 | 3,500 | 3,500 | 2,372 | - | - | 30,592 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 21,220 | 3,500 | 3,500 | 2,372 | - | - | 30,592 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|-------|-------|---|---|--------|
| 21,220 | 3,500 | 3,500 | 2,372 | - | - | 30,592 |
|--------|-------|-------|-------|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|-------------|-------|-------|-------|------|------|--------|
| Self-Liquidating Debentures | - | 10,920 | 3,500 | 3,500 | - | - | - | 17,920 |
| Sanitary Serv. Strategy Fund | - | 10,300 | - | - | - | - | - | 10,300 |
| Drainage Retain Earnings | - | - | - | - | 2,372 | - | - | 2,372 |
| Total Financing | - | 21,220 | 3,500 | 3,500 | 2,372 | - | - | 30,592 |

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 implementation of the project will be coordinated with the Enhanced Primary Treatment project at which time the treatment plant will have the capacity to handle the increased flows.

The WESS Stage 12 project is supported by two programs - The CSO Control Strategy and the Sanitary Servicing Strategy. 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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 11,418 |
| Construction | | 19,174 |

Last Updated: 22-JAN-2009

\$ 30,592

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: WESS W12

04-23-9302

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.

SCHEDULE: Design - 2004 to 2005

Tunnel Construction - 2005 to 2008

RTC works, Hardisty works, Capilano Pk MH's and SHI works
construction - 2006 to 2009

Source of Estimates Detailed Design: +/- 20%

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

Completion Year: 2011 Total Project Costs: \$30,592 Expenditures Beyond CPP Period:

Last Updated: 22-JAN-2009

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|--------|
| Budget as Approved | - | 500 | 8,000 | 3,000 | - | - | 11,500 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 500 | 8,000 | 3,000 | - | - | 11,500 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|---|---|--------|
| - | 500 | 8,000 | 3,000 | - | - | 11,500 |
|---|-----|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|--|-------------|------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Sanitary Serv. Strategy Fund | - | | - | 500 | 8,000 | 3,000 | - | - | 11,500 |
| Total Financing | - | | - | 500 | 8,000 | 3,000 | - | - | 11,500 |

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 is constructed.

Source of Estimates Conceptual: +/- 50%

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

Completion Year: 2011 Total Project Costs: \$11,500 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 500 |
| Construction | | 11,000 |

Last Updated: 22-JAN-2009

| | |
|----|--------|
| \$ | 11,500 |
|----|--------|

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar - Rehabilitation

09-23-9501

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 7,227 | 3,289 | 3,303 | - | - | 13,819 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 7,227 | 3,289 | 3,303 | - | - | 13,819 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 6,600 | 6,121 | 12,721 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 6,600 | 6,121 | 12,721 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 7,227 | 3,289 | 3,303 | 6,600 | 6,121 | 26,540 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Drainage Retain Earnings | - | - | 3,439 | 3,289 | 3,303 | 6,600 | 6,121 | 22,752 |
| Self-Liquid. Debent.-Sanitary | - | - | 3,788 | - | - | - | - | 3,788 |
| Total Financing | - | - | 7,227 | 3,289 | 3,303 | 6,600 | 6,121 | 26,540 |

Description

This project keeps the Gold Bar Wastewater Treatment Plant fully operational and at optimum efficiency to maintain required operating standards. This project will replace seriously deteriorated equipment and systems to ensure optimal performance and conformance to current standards as per the Approval-to-Operate. The expected life of the equipment and instrumentation systems is estimated at 10 years or more and the debenture term is 10 years. Work identified for this project includes miscellaneous rehabilitation work, electrical rehabilitation, boiler replacement and hot water system distribution rehabilitation, flight and chain replacement, and a retrofit of screen 4, 5, and 6 and grit tanks 4 and 5.

Some of the planned projects include: Flight and chain replacement, replacement of isolation gates, electrical equipment replacement, and installation of equipment access safety systems.

Justification

A significant portion of the Gold Bar WWTP infrastructure installed in 1956 and during expansions in 1968 and 1981 are still being used. As the plant continues to age, this original equipment must be replaced as it has exceeded its expected service life and is operating at substandard levels. These components require replacement and/or modifications to continue to function in an efficient, safe, and reliable manner. Rehabilitation and enhancement of instrumentation systems will provide increased process control capability to assist in ensuring continued compliance with required operating standards. If the project is delayed, some sections of the plant may become ineffective, unreliable, and unsafe to operate.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,644 |
| Construction | | 12,175 |

Last Updated: 22-JAN-2009

\$ 13,819

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar - Rehabilitation

09-23-9501

Change from Previous Approval

The overall budget has been reduced from 2009 to 2011 to reflect project scope changes.

Change of Scope

Three sub-projects were removed from this project including Grit Tanks 4/5 and Screens Upgrade, Boilers/Hot Water Systems Replacements, and Maintenance and Equipment Building at Clover Bar Lagoons. These sub-projects are catergorized as 'single' projects and better align with the overall scope of the projects they have been moved to. As well, these projects will require full funding approval prior to proceeding to full implementation. There is no impact to the budget due to this change.

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Facility Rehabilitation

09-23-9502

Group-Criteria: D-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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 74 | 93 | 154 | - | - | 321 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 74 | 93 | 154 | - | - | 321 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 100 | 105 | 205 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 100 | 105 | 205 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|----|----|-----|-----|-----|-----|
| - | 74 | 93 | 154 | 100 | 105 | 526 |
|---|----|----|-----|-----|-----|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 74 | 93 | 154 | 100 | 105 | 526 |
| Total Financing | - | | - | 74 | 93 | 154 | 100 | 105 | 526 |

Description

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 accommodate staff changes.

This project will have no operating impact.

Justification

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 | \$ | 321 |
|-----------|----|-----|

Last Updated: 22-JAN-2009

| | |
|----|-----|
| \$ | 321 |
|----|-----|

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Facility Rehabilitation

09-23-9502

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Structures Rehabilitation

09-23-9503

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 5,411 | 4,709 | 4,798 | - | - | 14,918 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,411 | 4,709 | 4,798 | - | - | 14,918 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 4,894 | 4,995 | 9,889 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 4,894 | 4,995 | 9,889 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 5,411 | 4,709 | 4,798 | 4,894 | 4,995 | 24,807 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Drainage Retain Earnings | - | - | 2,018 | 3,953 | 2,497 | 2,547 | 608 | 11,623 |
| Self-Liquid. Debent.-Sanitary | - | - | 3,393 | 756 | 2,301 | 2,347 | 4,387 | 13,184 |
| Total Financing | - | - | 5,411 | 4,709 | 4,798 | 4,894 | 4,995 | 24,807 |

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 show 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 | \$ | 1,221 |
| Construction | | 13,697 |

Last Updated: 22-JAN-2009

\$ 14,918

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Sewer Rehabilitation

09-23-9504

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 5,317 | 5,363 | 5,408 | - | - | 16,088 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,317 | 5,363 | 5,408 | - | - | 16,088 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 5,547 | 5,691 | 11,238 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 5,547 | 5,691 | 11,238 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 5,317 | 5,363 | 5,408 | 5,547 | 5,691 | 27,326 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Drainage Retain Earnings | - | - | 557 | 570 | 582 | 593 | 605 | 2,907 |
| Self-Liquid. Debent.-Sanitary | - | - | 4,760 | 4,793 | 4,826 | 4,954 | 5,086 | 24,419 |
| Total Financing | - | - | 5,317 | 5,363 | 5,408 | 5,547 | 5,691 | 27,326 |

Description

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 and Streets 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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,119 |
| Construction | | 14,969 |

Last Updated: 22-JAN-2009

\$ 16,088

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Sewer Rehabilitation

09-23-9504

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.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Drainage IT Applications

09-23-9507

Group-Criteria: D-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 600 | 630 | 662 | - | - | 1,892 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 600 | 630 | 662 | - | - | 1,892 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 695 | 729 | 1,424 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 695 | 729 | 1,424 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 600 | 630 | 662 | 695 | 729 | 3,316 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 600 | 630 | 662 | 695 | 729 | 3,316 |
| Total Financing | - | | - | 600 | 630 | 662 | 695 | 729 | 3,316 |

Description

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.

Justification

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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 132 |
| Equipment | | 208 |
| Construction | | 1,552 |

Last Updated: 22-JAN-2009

\$ 1,892

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Drainage IT Applications

09-23-9507

improve design. The applications provide efficiencies to limit the impact of the expanding network on operations staff.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Mature Neighbourhood Rehabilitation - Dr

09-23-9510

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 8,204 | 9,893 | 8,580 | - | - | 26,677 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 8,204 | 9,893 | 8,580 | - | - | 26,677 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 8,170 | 8,580 | 16,750 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 8,170 | 8,580 | 16,750 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 8,204 | 9,893 | 8,580 | 8,170 | 8,580 | 43,427 |
|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 3,238 | 3,413 | 3,900 | - | - | 10,551 |
| Self-Liquid. Debent.-Sanitary | - | | - | 4,966 | 6,480 | 4,680 | 8,170 | 8,580 | 32,876 |
| Total Financing | - | | - | 8,204 | 9,893 | 8,580 | 8,170 | 8,580 | 43,427 |

Description

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 (which includes AMIP funding). 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 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%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,400 |
| Construction | | 24,277 |

Last Updated: 22-JAN-2009

\$ 26,677

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|-------|-------|--------|
| Budget as Approved | 10,723 | 3,243 | - | 727 | 7,515 | 5,515 | 27,723 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 10,723 | 3,243 | - | 727 | 7,515 | 5,515 | 27,723 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|-------|------|------|-------|-------|--------|
| Financing | | | | | | | | | |
| Developer Financing | - | | 1,108 | - | - | - | - | - | 1,108 |
| Drainage Retain Earnings | - | | 3,609 | - | - | - | - | - | 3,609 |
| Self-Liquid. Debent.-Sanitary | - | | 6,006 | 3,243 | - | 727 | 7,515 | 5,515 | 23,006 |
| Total Financing | - | | 10,723 | 3,243 | - | 727 | 7,515 | 5,515 | 27,723 |

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 the 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: 2017 Total Project Costs: \$46,384 Expenditures Beyond CPP Period: \$18,661

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 6,956 |
| Construction | | 39,428 |

Last Updated: 22-JAN-2009

\$ 46,384

Drainage Services

(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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,576 | 1,579 | 1,583 | - | - | 4,738 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,576 | 1,579 | 1,583 | - | - | 4,738 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,592 | 1,613 | 3,205 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,592 | 1,613 | 3,205 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| - | 1,576 | 1,579 | 1,583 | 1,592 | 1,613 | 7,943 |
|---|-------|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| Developer Financing | - | | - | 1,436 | 1,459 | 1,483 | 1,512 | 1,543 | 7,433 |
| Drainage Retain Earnings | - | | - | 140 | 120 | 100 | 80 | 70 | 510 |
| Total Financing | - | | - | 1,576 | 1,579 | 1,583 | 1,592 | 1,613 | 7,943 |

Description

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 will be funded by both Sanitary and Land Drainage. Creates additional revenue and customer base.

Justification

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. The City is also obligated to install sewer service connections to meet 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%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 331 |
| Construction | | 4,407 |

Last Updated: 22-JAN-2009

\$ 4,738

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Sanitary Servicing Strategy

09-23-9605

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 250 | 1,000 | 1,000 | - | - | 2,250 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 250 | 1,000 | 1,000 | - | - | 2,250 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|-----|--------|
| Existing Plan Expenditures | - | - | - | - | 19,500 | 500 | 20,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 19,500 | 500 | 20,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|--------|-----|--------|
| - | 250 | 1,000 | 1,000 | 19,500 | 500 | 22,250 |
|---|-----|-------|-------|--------|-----|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|--|-------------|------|-------|-------|--------|------|--------|
| Financing | | | | | | | | | |
| Sanitary Serv. Strategy Fund | - | | - | 250 | 1,000 | 1,000 | 19,500 | 500 | 22,250 |
| Total Financing | - | | - | 250 | 1,000 | 1,000 | 19,500 | 500 | 22,250 |

Description

This project constructs major offsite sanitary trunks to support anticipated development in Edmonton. 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. The construction of these trunks is funded by the Sanitary Servicing Strategy Fund. This project includes the funding for conceptual planning works on all future Sanitary Servicing Strategy projects as well as activities related to the reviewing, monitoring and reporting of the overall Sanitary Servicing Strategy program. It also includes an estimate for design and construction of projects beyond 2009, which are not yet finalized. Individual budget items will be created for each of these future projects in due course once their scopes and construction schedules are finalized.

This project will have no short term operating impact.

Justification

Construction of these major trunk sewers is in support of development in Edmonton. Should these sewers not be constructed, sanitary servicing will not be available to support development growth in the City. This could result in shifting of growth, and possibly moving development to surrounding communities.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,750 |
| Construction | | 500 |

Last Updated: 22-JAN-2009

\$ 2,250

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar Buildings Upgrading

04-23-9606

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|-------|------|--------|
| Budget as Approved | 2,465 | 2,530 | 4,346 | 7,221 | 7,667 | - | 24,229 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,465 | 2,530 | 4,346 | 7,221 | 7,667 | - | 24,229 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|---|--------|
| 2,465 | 2,530 | 4,346 | 7,221 | 7,667 | - | 24,229 |
|-------|-------|-------|-------|-------|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 2,367 | 2,400 | 3,230 | 4,841 | 7,377 | - | 20,215 |
| Drainage Retain Earnings | - | | 98 | 130 | 1,116 | 2,380 | 290 | - | 4,014 |
| Total Financing | - | | 2,465 | 2,530 | 4,346 | 7,221 | 7,667 | - | 24,229 |

Description

This project will provide the wastewater treatment plant with a means to expand or upgrade buildings. As the plant expands for process requirements, there is a need to expand existing facilities or construct new facilities to house new personnel and to store equipment and supplies.

This project will also help to ensure existing buildings are continually upgraded to meet fire and safety regulations, to replace worn out mechanical, electrical and building integrity systems and to maintain the asset value of the structures.

Work includes upgrades to the Plant's emergency evacuation systems and perimeter security, design for mechanical upgrades to the Lab, and design to undertake some overall site restoration.

The estimated useful life of the assets is 25 years or more and the debenture term is 25 years. This project will have no operating impact.

Justification

The existing buildings used to house plant engineering, operations, maintenance and administration personnel are at full capacity and in some cases, overcrowded. This makes the work environment difficult for communication between the sub-sections and can be uncomfortable for completing day-to-day job functions.

Equipment and spare parts storage is spread throughout the plant and at the lagoons. This makes access to it difficult and time consuming for plant operation and maintenance personnel in their day-to-day activities. In some

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 3,524 |
| Construction | | 20,705 |

Last Updated: 22-JAN-2009

\$ 24,229

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar Buildings Upgrading

04-23-9606

cases, equipment must be stored outside as there is not sufficient interior storage space.

Some of the process buildings and galleries were built in 1956 and require upgrading to their mechanical and electrical systems to meet fire and safety regulations or to replace worn out equipment.

Recent security breaches have occurred causing extensive property damage. Due to the numerous on-site hazards, unauthorized entry could lead to bodily injury or a fatality.

Extensive capital construction work will have an adverse affect on the appearance of the plant. Due to its location within the river valley, this may affect public opinion and initiate complaints from river valley users and neighbouring communities.

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

The budget has been increased from 2009-2012 to reflect the City's chief economist's market condition forecast.

Change of Scope

An existing sub-project was moved from WWTP Rehabilitation (09-23-9501) to this project, as the scope of the work better aligns with the overall intention of the Wastewater Treatment plant's building upgrading program. As well, this sub-project requires full funding approval prior to implementation. There is no effect to the budget due to this change.

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

Completion Year: 2012 Total Project Costs: \$24,229 Expenditures Beyond CPP Period:

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 118 | - | - | 97 | 180 |
| Total Impact | 118 | - | - | 97 | 180 |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Construction Facil & Equip Upgr & Expans

09-23-9607

Group-Criteria: D-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,400 | 1,900 | 1,900 | - | - | 5,200 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,400 | 1,900 | 1,900 | - | - | 5,200 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,400 | 1,900 | 4,300 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,400 | 1,900 | 4,300 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| - | 1,400 | 1,900 | 1,900 | 2,400 | 1,900 | 9,500 |
|---|-------|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 1,400 | 1,900 | 1,900 | 1,400 | 1,400 | 8,000 |
| Self-Liquid. Debent.-Sanitary | - | | - | - | - | - | 1,000 | 500 | 1,500 |
| Total Financing | - | | - | 1,400 | 1,900 | 1,900 | 2,400 | 1,900 | 9,500 |

Description

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.

The estimated useful life of the asset is 10 years or more and the debenture term is 10 years. This project will have no operating impact.

Justification

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.

Source of Estimates Award: +/- 10%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Equipment | \$ | 4,200 |
| Construction | | 1,000 |

Last Updated: 22-JAN-2009

\$ 5,200

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Local Improvement Sewers

09-23-9608

Group-Criteria: B-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 4,788 | 4,384 | 3,483 | - | - | 12,655 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,788 | 4,384 | 3,483 | - | - | 12,655 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,002 | 1,023 | 2,025 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,002 | 1,023 | 2,025 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 4,788 | 4,384 | 3,483 | 1,002 | 1,023 | 14,680 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Local Improvements Prop. Share | - | - | 4,788 | 4,384 | 3,483 | 1,002 | 1,023 | 14,680 |
| Total Financing | - | - | 4,788 | 4,384 | 3,483 | 1,002 | 1,023 | 14,680 |

Description

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 or dependent on owner petitions. This project will have no operating impact. This project will be funded by both Sanitary and Land Drainage. Creates additional revenue and customer base.

Justification

The City has a responsibility to supply utility connections to meet customer demands and requests as required under the Municipal Government Act. The City is also obligated to install sewer service connections to meet requirements and commitments pursuant to 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.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 886 |
| Construction | | 11,769 |

Last Updated: 22-JAN-2009

\$ 12,655

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar Plant Upgrading

00-23-9609

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|-------|--------|---------|
| Budget as Approved | 24,956 | 16,613 | 17,718 | 15,220 | 9,489 | 18,997 | 102,993 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 24,956 | 16,613 | 17,718 | 15,220 | 9,489 | 18,997 | 102,993 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|--------|--------|-------|--------|---------|
| 24,956 | 16,613 | 17,718 | 15,220 | 9,489 | 18,997 | 102,993 |
|--------|--------|--------|--------|-------|--------|---------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|-------------|--------|--------|--------|-------|--------|---------|
| Self-Liquidating Debentures | - | 21,204 | 15,613 | 16,412 | 13,463 | 5,024 | 9,870 | 81,586 |
| Drainage Retain Earnings | - | 3,752 | 1,000 | 1,306 | 1,757 | 4,465 | 9,127 | 21,407 |
| Total Financing | - | 24,956 | 16,613 | 17,718 | 15,220 | 9,489 | 18,997 | 102,993 |

Description

This project will upgrade the Gold Bar Wastewater Treatment Plant to ensure it continues to meet and exceed the requirements outlined in the City's Approval-to-Operate (No. 639-02-00) on a continual basis. It involves the replacement or upgrading of aging equipment, infrastructure, and/or treatment processes to keep pace with technological advances and safety codes requirements.

This project involves a number of sub-projects including: digester gas mixing upgrades, twinning of the sludge pipeline to the Clover Bar Lagoons, odour control systems on the bioreactors, and bioreactor/clarifier #12. Work includes: twinning of the sludge pipeline to Clover Bar Lagoons, design and initial construction for 2 new anaerobic digesters, construction of a new gas compressor room and a new mixing system for digesters #1, design of a struvite treatment system, and construction of a sanitary grit dumping facility at the Waste Management Facility.

The estimated useful life of the assets is 25 years or more and the debenture term is 25 years.

Justification

The environmental regulations set by Alberta Environment in Edmonton's Approval-to-Operate (No. 639-02-07) require upgraded equipment, infrastructure and processes to ensure the wastewater treatment level is achieved on a consistent basis.

All work to be undertaken in this project is required to keep the City's investment intact, show due diligence towards the City's commitments to environmental protection, maintain technological advances and meet safety code

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Design | \$ | 18,525 |
| Equipment | | 783 |
| Construction | | 132,014 |

Last Updated: 22-JAN-2009

\$ 151,322

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Gold Bar Plant Upgrading

00-23-9609

requirements.

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

The budget has been increased from 2009 to 2011 to reflect the City's chief economist's market condition forecast.

Change of Scope

Two existing sub-projects were moved from WWTP Rehabilitation 09-23-9501 to this project, as the scope of the work better aligns with the overall intention of the Plant's upgrading program. There is no effect on the budget due to this change.

Two sub-projects have been added including Biosolids Upgrading and Biosolids Drying. Management of biosolids has become a challenging issue in recent years. There is on-going debate amongst regulatory agencies, environmental professionals, and municipal administrators regarding best practices for disposal of biosolids. The expectation is that regulatory agencies will mandate more stringent regulations for the disposal of biosolids, especially when practicing direct land application. This will require the City to provide new infrastructure to manage the increasing volumes of biosolids discharged during treatment. The additional funding will enable pilot testing of new technology and for full implementation of a new biosolids drying process.

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

Completion Year: 2017 Total Project Costs: \$151,322 Expenditures Beyond CPP Period: \$48,329

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|---------------------|------|------|------|------|------|
| General Maintenance | 240 | 71 | 242 | - | - |
| Personnel | 110 | 429 | 454 | - | - |
| Total Impact | 350 | 500 | 696 | - | - |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: CSO Control Strategy

09-23-9702

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 770 | 1,323 | 1,762 | - | - | 3,855 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 770 | 1,323 | 1,762 | - | - | 3,855 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 4,148 | 4,234 | 8,382 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 4,148 | 4,234 | 8,382 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|-------|-------|--------|
| - | 770 | 1,323 | 1,762 | 4,148 | 4,234 | 12,237 |
|---|-----|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 770 | 1,323 | 1,762 | 4,148 | 4,234 | 12,237 |
| Total Financing | - | | - | 770 | 1,323 | 1,762 | 4,148 | 4,234 | 12,237 |

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 02-23-3310, 04-23-9302, 05-23-2160, and 06-23-5415. Work in 2009 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.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,455 |
| Construction | | 2,400 |

Last Updated: 22-JAN-2009

\$ 3,855

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Infrastructure Upgrading

09-23-9703

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|-------|------|------|-------|
| Budget as Approved | - | 940 | 590 | 1,125 | - | - | 2,655 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 940 | 590 | 1,125 | - | - | 2,655 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,767 | 1,175 | 3,942 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,767 | 1,175 | 3,942 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-------|-------|-------|-------|
| - | 940 | 590 | 1,125 | 2,767 | 1,175 | 6,597 |
|---|-----|-----|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|------|------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 940 | 590 | 1,125 | 2,767 | 226 | 5,648 |
| Self-Liquid. Debent.-Sanitary | - | | - | - | - | - | - | 949 | 949 |
| Total Financing | - | | - | 940 | 590 | 1,125 | 2,767 | 1,175 | 6,597 |

Description

This project will increase the capacity of the City's sewer systems and eliminate capacity constraints. Work for 2009 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.

Justification

Upgrading of existing facilities can help to ensure that an acceptable level of service is provided to Drainage customers and reduce the risk of flooding, while also improving the water quality in the North Saskatchewan River. Stormwater quality has been identified as a significant source of some contaminants to the North Saskatchewan River. Control of these contaminants is a partial fulfilment of obligations to Alberta Environment.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 2,080 |
| Construction | | 575 |

Last Updated: 22-JAN-2009

\$ 2,655

Drainage Services

(thousands of dollars)

PROGRAM: Sanitary Drainage

PROJECT NAME: Environmental Monitoring

09-23-9704

Group-Criteria: A-120 Projects Required By Legislation

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 613 | 654 | 697 | - | - | 1,964 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 613 | 654 | 697 | - | - | 1,964 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 739 | 779 | 1,518 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 739 | 779 | 1,518 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 613 | 654 | 697 | 739 | 779 | 3,482 |
| Total Financing | - | | - | 613 | 654 | 697 | 739 | 779 | 3,482 |

Description

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 will be 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.

Justification

(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

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 766 |
| Equipment | | 353 |
| Construction | | 845 |

Last Updated: 22-JAN-2009

\$ 1,964

Drainage Services

PROGRAM: Sanitary Drainage

PROJECT NAME: Environmental Monitoring

09-23-9704

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 meet its legal obligations in its Approval to Operate.

(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.

Source of Estimates Detailed Design: +/- 20%

Last Updated: 22-JAN-2009

Corporate Services

(thousands of dollars)

PROGRAM: Mobile Equipment 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | 38,317 | 23,080 | 17,425 | 19,185 | - | - | 98,007 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 38,317 | 23,080 | 17,425 | 19,185 | - | - | 98,007 |

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

| | | | | | | |
|--------|--------|--------|--------|--------|--------|---------|
| 38,317 | 23,080 | 17,425 | 19,185 | 23,981 | 29,977 | 151,965 |
|--------|--------|--------|--------|--------|--------|---------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 730 | 160 | - | - | - | 890 |
| Equipmt Pool Retained Earnings | - | | 34,228 | 22,350 | 17,265 | 19,185 | 23,981 | 29,977 | 146,986 |
| AMIP | - | | 4,089 | - | - | - | - | - | 4,089 |
| Total Financing | - | | 38,317 | 23,080 | 17,425 | 19,185 | 23,981 | 29,977 | 151,965 |

Description

Mobile Equipment 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. MES 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.

Justification

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 \$ 151,965

Last Updated: 18-FEB-2009

\$ 151,965

Corporate Services

(thousands of dollars)

PROGRAM: Mobile Equipment 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|--------|
| Budget as Approved | 21,407 | - | 1,148 | 1,268 | - | - | 23,823 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 21,407 | - | 1,148 | 1,268 | - | - | 23,823 |

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

| | | | | | | |
|--------|---|-------|-------|-------|-------|--------|
| 21,407 | - | 1,148 | 1,268 | 1,903 | 1,903 | 27,629 |
|--------|---|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|------|-------|-------|-------|-------|--------|
| General Financing | - | 10,818 | - | 1,148 | 1,268 | 1,903 | 1,903 | 17,040 |
| Other Grants - Provincial | - | 300 | - | - | - | - | - | 300 |
| Financial Stabilization Resrv. | - | 282 | - | - | - | - | - | 282 |
| Operating Revenues | - | 2,600 | - | - | - | - | - | 2,600 |
| Equipmt Pool Retained Earnings | - | 4,705 | - | - | - | - | - | 4,705 |
| AMIP | - | 1,800 | - | - | - | - | - | 1,800 |
| Tax-Supported Debt Reserve | - | 552 | - | - | - | - | - | 552 |
| Munc Sustain. Initiative - MSI | - | 350 | - | - | - | - | - | 350 |
| Total Financing | - | 21,407 | - | 1,148 | 1,268 | 1,903 | 1,903 | 27,629 |

Description

Mobile Equipment 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. MES 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

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Equipment | \$ | 27,629 |
|-----------|----|--------|

Last Updated: 18-FEB-2009

| | |
|----|--------|
| \$ | 27,629 |
|----|--------|

Corporate Services

PROGRAM: Mobile Equipment Services

PROJECT NAME: Vehicle & Equipment Growth

08-25-8001

deliver service to match the growth and development of The City of Edmonton.

Justification

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.

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 284 | - | - | - | - |
| Total Impact | 284 | - | - | - | - |

Last Updated: 18-FEB-2009

Corporate Services

(thousands of dollars)

PROGRAM: Mobile Equipment Services

PROJECT NAME: MES Facilities & Equipment

08-25-8002

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Rapanos S.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|-------|------|------|--------|
| Budget as Approved | 11,346 | 10,869 | 10,192 | 5,493 | - | - | 37,900 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 11,346 | 10,869 | 10,192 | 5,493 | - | - | 37,900 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 8,756 | 9,894 | 18,650 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 8,756 | 9,894 | 18,650 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 3,748 | 744 | 1,825 | 500 | 500 | 500 | 7,817 |
| Tax-Supported Debt | - | | 1,045 | - | - | - | - | - | 1,045 |
| Equipmt Pool Retained Earnings | - | | 6,553 | 10,125 | 8,367 | 4,993 | 8,256 | 9,394 | 47,688 |
| Total Financing | - | | 11,346 | 10,869 | 10,192 | 5,493 | 8,756 | 9,894 | 56,550 |

Description

This profile provides for additional and replacement work equipment and building upgrades required to maintain and service the City of Edmonton fleet. The large fluctuations in dollars from year to year are due to large expenditures such as outfitting the new Transit garage and updating fuel sites to ensure environmental responsibility.

The Transit related work equipment is financed either by grants or general financing. The municipal facilities costs are financed by Mobile Equipment Services equity.

Justification

Some of these upgrades are required by laws related to the environment or safety. Others are required to ensure efficient maintenance of vehicles and equipment.

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Equipment | \$ | 56,550 |
|-----------|----|--------|

Last Updated: 18-FEB-2009

| | |
|----|--------|
| \$ | 56,550 |
|----|--------|

Corporate Services

(thousands of dollars)

PROGRAM: Mobile Equipment Services

PROJECT NAME: MES Heavy Repair & Equip Build Fac

09-25-9000

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: See-Too S.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|------|------|------|--------|
| Budget as Approved | - | 32,500 | 23,500 | - | - | - | 56,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 32,500 | 23,500 | - | - | - | 56,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|--------|---|---|---|--------|
| - | 32,500 | 23,500 | - | - | - | 56,000 |
|---|--------|--------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|--------|--------|------|------|------|--------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | - | 32,500 | 23,500 | - | - | - | 56,000 |
| Total Financing | - | | - | 32,500 | 23,500 | - | - | - | 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

Project Cost Breakdown

| | | |
|-----------------|----|--------|
| Construction | \$ | 30,000 |
| Land & Building | | 26,000 |

Last Updated: 18-FEB-2009

\$ 56,000

Corporate Services

PROGRAM: Mobile Equipment Services

PROJECT NAME: MES Heavy Repair & Equip Build Fac

09-25-9000

interrupted tasks. Additionally, the co-location of the heavy maintenance tasks with a well equipped fabrication capability enables efficiencies of grouping of capital production work (which is also most efficiently accomplished in batches with limited disruptions) with the heavy maintenance tasks. This concentration of in-depth maintenance and fabrication tasks also provides an outstanding skills development facility to enhance the quality and schedule of apprentice production and qualification of mechanics on a variety of specialty equipment.

NOTE: The initial land acquisition is funded through the Land Acquisition Reserve.

Profile is based on the purchase of the Willbros Building. If not approved, a new capital profile based on New Construction must be added with a total cost of \$154,895,000.

With New Construction, similar personnel efficiencies and utilities will apply, however, debt servicing costs will be significantly higher at \$12.4M versus \$4.7M (using 2008 dollars and rates).

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.

Last Updated: 18-FEB-2009

Corporate Services

PROGRAM: Mobile Equipment Services

PROJECT NAME: MES Heavy Repair & Equip Build Fac

09-25-9000

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|---------|------|------|------|
| Personnel | - | (1,500) | - | - | - |
| Utilities | 750 | - | - | - | - |
| Financial | 4,700 | - | - | - | - |
| Total Impact | 5,450 | (1,500) | - | - | - |

Last Updated: 18-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Park Land Acquisition

09-28-0002

Group-Criteria: B-530 Projects To Provide A Minimum Level Of Service - Growth Area Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | - | 1,350 | 1,350 | 500 | - | - | 3,200 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,350 | 1,350 | 500 | - | - | 3,200 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 500 | 500 | 1,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 500 | 500 | 1,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Parkland Purchase Reserve | - | | - | 350 | 350 | 200 | 200 | 200 | 1,300 |
| Funds-in-Lieu Reserve | - | | - | 1,000 | 1,000 | 300 | 300 | 300 | 2,900 |
| Total Financing | - | | - | 1,350 | 1,350 | 500 | 500 | 500 | 4,200 |

Description

This project funds the purchase of parkland required to meet obligations outlined in Council-approved plans (eg. - Municipal Development Plan, 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 project includes costs associated with land purchases, redistrictings, road closures, easements, consolidation and municipal reserve designation removal. The unfunded portion of this project is in 09-28-0005.

Justification

Increased residential development for several years has resulted in increased pressure to assemble new school/park sites. Acquisition should return to historic rates (+ inflation) when the economy cools. Parkland acquisition ensures adequate open space at the Neighbourhood, District and City levels is made available to the public for their use and enjoyment. Although most parkland is dedicated through the subdivision process, purchases are required to facilitate timely parkland development and reduce acquisition costs.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

| | | |
|------|----|-------|
| Land | \$ | 3,200 |
|------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 3,200 |
|----|-------|

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Natural Areas Acquisition & Conservation

09-28-0007

Group-Criteria: A-200 Protection Of Physical Environment - City Wide

Project Manager: Brenneis L.

Outcome: Transform Edmonton's Urban Form

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|------|------|------|--------|
| Budget as Approved | - | 10,340 | 9,563 | 264 | - | - | 20,167 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 10,340 | 9,563 | 264 | - | - | 20,167 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 271 | 278 | 549 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 271 | 278 | 549 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|--------|-------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 270 | 258 | 264 | 271 | 278 | 1,341 |
| Tax-Supported Debt | - | | - | 10,070 | 9,305 | - | - | - | 19,375 |
| Total Financing | - | | - | 10,340 | 9,563 | 264 | 271 | 278 | 20,716 |

Description

This profile will provide funds to facilitate the acquisition of roughly 20% - 25% of the area of identified natural sites, mostly through the use of tax supported debt, with the associated debt servicing costs being financed by the existing \$1 million dollar annual contribution to the Natural Areas Reserve.

Generally the asset life of land (grass trees, open space) is immeasurable. The debenture term is 25 years.

Justification

Plan Edmonton and the Community Services Integrated Service Strategy, both point to the need to conserve more natural areas. Policy C531 (Natural Area Systems Plan), encourages the Administration to explore all feasible options to conserve natural features within the urban fabric of Edmonton's table lands. An inventory completed in 1995 and updated in 2008 indicated approximately 540 acres of natural features worthy of further consideration for conservation. The majority of these features are privately owned. The availability of these funds will enable the city to negotiate in 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 may be lost unnecessarily.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

Land \$ 20,167

Last Updated: 22-JAN-2009

\$ 20,167

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Natural Areas Acquisition & Conservation

09-28-0007

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|-------|---------|---------|---------|
| Debt Servicing | - | 734 | 1,431 | 1,431 | 1,431 |
| Natural Area Reserve | - | (734) | (1,431) | (1,431) | (1,431) |
| Total Impact | - | - | - | - | - |

Last Updated: 22-JAN-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Park Renewal

09-28-1001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 3,133 | 10,833 | 15,333 | - | - | 29,299 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,133 | 10,833 | 15,333 | - | - | 29,299 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 7,283 | 7,033 | 14,316 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 7,283 | 7,033 | 14,316 |

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|--------|--------|-------|-------|--------|
| EXPENDITURE PLAN | - | 3,133 | 10,833 | 15,333 | 7,283 | 7,033 | 43,615 |
|------------------|---|-------|--------|--------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|--------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | - | - | 1,200 | 1,200 | 2,400 |
| Munc Sustain. Initiative - MSI | - | | - | 3,133 | 10,833 | 15,333 | 6,083 | 5,833 | 41,215 |
| Total Financing | - | | - | 3,133 | 10,833 | 15,333 | 7,283 | 7,033 | 43,615 |

Description

This profile funds the redevelopment of existing city and district level parks. A lack of service capacity to meet existing demand, high maintenance costs, change in program function and the deterioration of the physical condition of the site trigger renewal and redevelopment. Specific elements included in typical projects include the replacement of city wide and river valley playgrounds, new and replacement washrooms and other related park amenity buildings, redevelopment of access (roads and trails), improved parking, and signage. The need for renewal of parks are identified through the Urban Parks Management Plan (UPMP) and individual park master plans like Ribbon of Green North Saskatchewan River Valley and Ravine System Concept and Master Plan, all approved by City Council.

Justification

Park renewal and redevelopment is needed to ensure the safety and health of the public when they visit parks. Property values are maintained and enhanced when parks are improved, contributing to the economy of the city and tax base. A clean and green system of parks contributes to the City image, quality of the environment and quality of life for residents. Improved efficiency and use of the park also increases the potential to host events at parks when amenities are available to serve user needs. Renewal and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and extend the life cycle of Parks infrastructure to reduce park operating and maintenance costs.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,930 |
| Construction | | 26,369 |

Last Updated: 20-FEB-2009

\$ 29,299

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Park Renewal

09-28-1001

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------------|------|------|------|------|------|
| Tree Maintenance Costs | 28 | 52 | 50 | - | - |
| Parks Maintenance Costs | 28 | 52 | 50 | - | - |
| Total Impact | 56 | 104 | 100 | - | - |

Last Updated: 20-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: New Park Construction

09-28-1050

Group-Criteria: B-510 Projects To Remove Existing Servicing Constraints

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 7,693 | 10,348 | 11,998 | - | - | 30,039 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 7,693 | 10,348 | 11,998 | - | - | 30,039 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 6,727 | 2,734 | 9,461 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 6,727 | 2,734 | 9,461 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|--------|-------|-------|--------|
| Financing | | | | | | | | | |
| Funds-in-Lieu Reserve | - | | - | 162 | 170 | 177 | 185 | 194 | 888 |
| Munc Sustain. Initiative - MSI | - | | - | 7,531 | 10,178 | 11,821 | 6,542 | 2,540 | 38,612 |
| Total Financing | - | | - | 7,693 | 10,348 | 11,998 | 6,727 | 2,734 | 39,500 |

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.

Justification

The City acquires undeveloped land through municipal reserve dedication and purchase for school and park purposes. The Municipal Government Act, (3b) states that "The purpose of a municipality is to provide services, facilities or other things that, in the opinion of council, are necessary or desirable for all or a part of the municipality, and (c) to develop and maintain safe and viable communities". Funding to transform raw land into green space for parks and for future school is necessary for the quality of life and enjoyment of citizens. New areas of the City should have an accessible mix and variety of parks for residents to enjoy. In addition other needs to expand and incorporate parks and landscaped open space into existing developed areas of the city are also required. Residents are not satisfied with city services if the parkland is not developed to a minimum standard. The city has established its parks and open space as critical to its vision for the future.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,655 |
| Purchase | | 2,550 |
| Construction | | 24,834 |

Last Updated: 24-FEB-2009

\$ 30,039

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: New Park Construction

09-28-1050

Source of Estimates Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------------|------|------|------|------|------|
| Parks Maintenance Costs | 135 | 339 | 362 | - | - |
| Total Impact | 135 | 339 | 362 | - | - |

Last Updated: 24-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Tree/Horticulture Renewal

09-28-2001

Group-Criteria: A-200 Protection Of Physical Environment - City Wide

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 358 | 563 | 507 | - | - | 1,428 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 358 | 563 | 507 | - | - | 1,428 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 462 | 618 | 1,080 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 462 | 618 | 1,080 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 125 | 341 | 282 | 234 | 387 | 1,369 |
| Parkland Purchase Reserve | - | | - | 145 | 147 | 150 | 153 | 156 | 751 |
| Partnership Funding | - | | - | 88 | 75 | 75 | 75 | 75 | 388 |
| Total Financing | - | | - | 358 | 563 | 507 | 462 | 618 | 2,508 |

Description

This profile 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.

Justification

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.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 140 |
| Construction | | 1,288 |

Last Updated: 20-FEB-2009

\$ 1,428

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Tree/Horticulture Renewal

09-28-2001

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|------------------------|------|------|------|------|------|
| Tree Maintenance Costs | 11 | 17 | 15 | 14 | 18 |
| Total Impact | 11 | 17 | 15 | 14 | 18 |

Last Updated: 20-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Utilities & Access Renewal

09-28-3001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 4,208 | 3,587 | 5,173 | - | - | 12,968 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,208 | 3,587 | 5,173 | - | - | 12,968 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,959 | 3,671 | 6,630 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,959 | 3,671 | 6,630 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,324 | 1,259 | 1,291 | 1,444 | 2,085 | 7,403 |
| Munc Sustain. Initiative - MSI | - | | - | 2,884 | 2,328 | 3,882 | 1,515 | 1,586 | 12,195 |
| Total Financing | - | | - | 4,208 | 3,587 | 5,173 | 2,959 | 3,671 | 19,598 |

Description

This profile 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.

Justification

Renewals and utility installations are undertaken to extend the life of existing capital assets, reduce longer term repair costs, and correct potential or impending safety concerns.

Source of Estimates Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------------|------|------|------|------|------|
| Parks Maintenance Costs | 20 | 85 | 54 | - | - |
| Total Impact | 20 | 85 | 54 | - | - |

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,300 |
| Construction | | 11,668 |

Last Updated: 20-FEB-2009

\$ 12,968

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Yard & Fleet Optimization

09-28-4001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|-------|------|------|-------|
| Budget as Approved | - | 1,400 | 600 | 1,000 | - | - | 3,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,400 | 600 | 1,000 | - | - | 3,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 500 | 500 | 1,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 500 | 500 | 1,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-----|-------|-----|-----|-------|
| - | 1,400 | 600 | 1,000 | 500 | 500 | 4,000 |
|---|-------|-----|-------|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|-------|------|------|-------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 1,400 | 600 | 1,000 | 500 | 500 | 4,000 |
| Total Financing | - | | - | 1,400 | 600 | 1,000 | 500 | 500 | 4,000 |

Description

This profile will fund the development of new and renewal of Parks operations yards, and the purchase of parks equipment to optimize service delivery.

Justification

Increased growth of the City's parks and open space inventory requires the addition of new yards and equipment to efficiently operate and maintain park's 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%

Impact on Operations

2009 2010 2011 2012 2013

| | | | | | |
|--------------|---|-----|-----|---|---|
| Personnel | - | 121 | 658 | - | - |
| Materials | - | 53 | 282 | - | - |
| Total Impact | - | 174 | 940 | - | - |

Project Cost Breakdown

Equipment \$ 3,000

Last Updated: 23-FEB-2009

\$ 3,000

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 1,625 | 951 | - | - | - | - | 2,576 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,625 | 951 | - | - | - | - | 2,576 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-----|---|---|---|---|-------|
| 1,625 | 951 | - | - | - | - | 2,576 |
|-------|-----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 646 | 951 | - | - | - | - | 1,597 |
| Parkland Purchase Reserve | - | | 672 | - | - | - | - | - | 672 |
| Funds-in-Lieu Reserve | - | | 307 | - | - | - | - | - | 307 |
| Total Financing | - | | 1,625 | 951 | - | - | - | - | 2,576 |

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

| | | |
|--------------|----|-------|
| Land | \$ | 722 |
| Construction | | 1,930 |

Last Updated: 22-JAN-2009

\$ 2,652

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 300 | 150 | - | - | - | 450 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 300 | 150 | - | - | - | 450 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|---|---|---|-----|
| - | 300 | 150 | - | - | - | 450 |
|---|-----|-----|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 300 | 150 | - | - | - | 450 |
| Total Financing | - | | - | 300 | 150 | - | - | - | 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. The lift will have three stations, one at the Riverfront Plaza, one at the parking level, and one at Jasper Avenue. This lift will be a tourist attraction linking the Downtown and the Jasper East area with the river valley park system. The lift will 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.

The lift will operate year round and improve walking and cycling to the Downtown through Louise McKinney Park. The lift will create a park experience for visitors and create demand for additional on site services such as food, beverage, recreation equipment rentals, and park visitor services.

The asset life is 20 to 25 years with 15 years debenture term.

Justification

This project is an essential component to the success of the Council approved Vision for Louise McKinney Riverfront Park. The Louise McKinney Riverfront Park and funicular lift project was discussed in the Downtown East Plan public forums and is viewed as a positive enhancement to the revitalization of this area. Council Initiative; Safe Community, Child Friendly, Seniors Issues.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown

Design \$ 450

Last Updated: 22-JAN-2009

\$ 450

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Louise McKinney Riverfront Funicular

07-28-4142

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 170 | - | - | - | - |
| Total Impact | 170 | - | - | - | - |

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 7,261 | 4,500 | 4,000 | 4,000 | - | - | 19,761 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 7,261 | 4,500 | 4,000 | 4,000 | - | - | 19,761 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|---|---|--------|
| 7,261 | 4,500 | 4,000 | 4,000 | - | - | 19,761 |
|-------|-------|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 3,626 | - | - | - | - | - | 3,626 |
| Other Grants - Provincial | - | | 675 | - | - | - | - | - | 675 |
| Parkland Purchase Reserve | - | | 505 | - | - | - | - | - | 505 |
| Developer Financing | - | | 955 | - | - | - | - | - | 955 |
| Cenn Legacy Grant - Phase 3 | - | | 1,500 | - | - | - | - | - | 1,500 |
| Munc Sustain. Initiative - MSI | - | | - | 4,500 | 4,000 | 4,000 | - | - | 12,500 |
| Total Financing | - | | 7,261 | 4,500 | 4,000 | 4,000 | - | - | 19,761 |

Description

Louise McKinney Riverfront Park is our newest river valley park, located within the downtown core below the Shaw Conference Center. Once this postcard park is completed, lighted walkways, major plazas, public docks, amenity buildings, formal gardens and a cable car lift will provide residents and visitors a major park destination and events site. In 1998 City Council approved the plans for Louise McKinney Riverfront Park and declared it the City's Millennium Project. The project is a partnership with the Federal and Provincial Governments, businesses, community groups, downtown organizations, and park supporters.

Justification

The park will compliment and enhance the attractiveness of tourism venues and facilities in the downtown, and create economic spin-offs such as new housing developments. Three new housing developments in close proximity of the park have been completed or are in progress as of August 2001. Increased tourist visitation is projected at 0.1% to 0.5% per year during the first five years of the 'parks' operation. Corporate Business Plan Initiatives: Planned Growth; Prepare and implement "Smart Choices for Developing our Communities". Service Challenge: Meeting the needs of a growing city.

Project Cost Breakdown

| | | |
|----------------------|----|--------|
| Construction | \$ | 18,196 |
| Engineering & design | | 1,565 |

Last Updated: 20-FEB-2009

\$ 19,761

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Louise McKinney Riverfront Park

03-28-4147

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 20-FEB-2009

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 & Sustain Edmonton's Environment

Focus: Increase access & proximity to ecological systems

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | 1,722 | 1,375 | 1,200 | - | - | - | 4,297 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,722 | 1,375 | 1,200 | - | - | - | 4,297 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|---|---|---|-------|
| 1,722 | 1,375 | 1,200 | - | - | - | 4,297 |
|-------|-------|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 1,722 | 1,375 | 1,200 | - | - | - | 4,297 |
| Total Financing | - | | 1,722 | 1,375 | 1,200 | - | - | - | 4,297 |

Description

This profile, spread over two years, 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%

Impact on Operations

2009 2010 2011 2012 2013

| | | | | | |
|------------------------|----|----|---|---|---|
| Tree Maintenance Costs | 41 | 36 | - | - | - |
| Total Impact | 41 | 36 | - | - | - |

Project Cost Breakdown

Trees \$ 4,297

Last Updated: 20-FEB-2009

\$ 4,297

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Fort Edmonton Park Footbridge & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|--------|
| Budget as Approved | 15,000 | 7,500 | 5,729 | - | - | - | 28,229 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 15,000 | 7,500 | 5,729 | - | - | - | 28,229 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|-------|---|---|---|--------|
| 15,000 | 7,500 | 5,729 | - | - | - | 28,229 |
|--------|-------|-------|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|-------|------|------|------|--------|
| FIP - Municipal Share | - | 1,000 | - | - | - | - | - | 1,000 |
| Financial Stabilization Resrv. | - | 4,200 | - | - | - | - | - | 4,200 |
| Munc Sustain. Initiative - MSI | - | 9,800 | 7,500 | 5,729 | - | - | - | 23,029 |
| Total Financing | - | 15,000 | 7,500 | 5,729 | - | - | - | 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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,825 |
| Construction | | 25,404 |

Last Updated: 24-FEB-2009

\$ 28,229

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Fort Edmonton Park Footbridge & Trails

06-28-5377

growing areas of Edmonton.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 24-FEB-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|------|------|------|-------|
| Budget as Approved | - | 250 | 1,250 | - | - | - | 1,500 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 250 | 1,250 | - | - | - | 1,500 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|---|---|---|-------|
| - | 250 | 1,250 | - | - | - | 1,500 |
|---|-----|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 250 | 1,250 | - | - | - | 1,500 |
| Total Financing | - | | - | 250 | 1,250 | - | - | - | 1,500 |

Description

This program will fund the design and construction of the entrance road to Terwillegar Park.

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 | \$ | 250 |
| Construction | | 1,250 |

Last Updated: 24-FEB-2009

\$ 1,500

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities - NEW

09-28-7001

Group-Criteria: B-530 Projects To Provide A Minimum Level Of Service - Growth Area Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,977 | 1,893 | 1,913 | - | - | 5,783 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,977 | 1,893 | 1,913 | - | - | 5,783 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,933 | 1,954 | 3,887 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,933 | 1,954 | 3,887 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| - | 1,977 | 1,893 | 1,913 | 1,933 | 1,954 | 9,670 |
|---|-------|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 877 | 793 | 813 | 833 | 854 | 4,170 |
| Munc Sustain. Initiative - MSI | - | | - | 1,100 | 1,100 | 1,100 | 1,100 | 1,100 | 5,500 |
| Total Financing | - | | - | 1,977 | 1,893 | 1,913 | 1,933 | 1,954 | 9,670 |

Description

This profile 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.

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 Conceptual: +/- 50%

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

Completion Year: 2016 Total Project Costs: \$10,585 Expenditures Beyond CPP Period: \$915

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 525 |
| Construction | | 5,258 |

Last Updated: 22-JAN-2009

\$ 5,783

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities - NEW

09-28-7001

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------------|------|------|------|------|------|
| Parks Maintenance Costs | 53 | 30 | 28 | - | - |
| Tree Maintenance Costs | 53 | 30 | 28 | - | - |
| Total Impact | 106 | 60 | 56 | - | - |

Last Updated: 22-JAN-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities-Redevelop

09-28-8001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 2,696 | 3,246 | 3,579 | - | - | 9,521 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,696 | 3,246 | 3,579 | - | - | 9,521 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 3,732 | 4,932 | 8,664 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 3,732 | 4,932 | 8,664 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 760 | 760 | 601 | 650 | 650 | 3,421 |
| Partnership Funding | - | | - | 104 | 124 | - | 100 | 100 | 428 |
| Munc Sustain. Initiative - MSI | - | | - | 1,832 | 2,362 | 2,978 | 2,982 | 4,182 | 14,336 |
| Total Financing | - | | - | 2,696 | 3,246 | 3,579 | 3,732 | 4,932 | 18,185 |

Description

This profile 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.

Justification

The natural life cycle park features is often reached after 15-20 years of extensive use. Extended maintenance is no longer cost efficient. The recreational and or play value remaining in existing structures or components may also be limited. Park renewal and redevelopment of park components is needed to ensure the safety and health of the public when they visit parks. Renewal and redevelopment will maintain the physical condition of the park infrastructure, park landscape, and reduces park operating and maintenance costs. The need to retrofit equipment while retaining the other park development features is a practical and economical way of maintaining the physical and recreational value of neighbourhood parks.

Justification

The need for additional or enhanced recreational and park amenities such as playgrounds and water features changes over time and is generally initiated by

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,235 |
| Construction | | 8,286 |

Last Updated: 24-FEB-2009

\$ 9,521

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: NPDP/Outdoor Aquatic Amenities-Redevelop

09-28-8001

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%

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|-------------------------|------|------|------|------|------|
| Parks Maintenance Costs | - | 50 | 35 | - | - |
| Total Impact | - | 50 | 35 | - | - |

Last Updated: 24-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Playground Conservation

09-28-8500

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 324 | 445 | 456 | - | - | 1,225 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 324 | 445 | 456 | - | - | 1,225 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 467 | 479 | 946 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 467 | 479 | 946 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | |
| General Financing | - | - | 324 | 445 | 456 | 467 | 479 | 2,171 |
| Total Financing | - | - | 324 | 445 | 456 | 467 | 479 | 2,171 |

Description

This profile 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. 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.

Justification

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.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

Construction \$ 1,225

Last Updated: 22-JAN-2009

\$ 1,225

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Parks/Sportsfields Renewal

09-28-9001

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 4,110 | 5,293 | 4,360 | - | - | 13,763 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,110 | 5,293 | 4,360 | - | - | 13,763 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 3,929 | 3,540 | 7,469 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 3,929 | 3,540 | 7,469 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 2,362 | 3,355 | 2,410 | 2,467 | 2,525 | 13,119 |
| Other Grants - Provincial | - | | - | 450 | 400 | 400 | 400 | 400 | 2,050 |
| Parkland Purchase Reserve | - | | - | 20 | - | - | - | - | 20 |
| Munc Sustain. Initiative - MSI | - | | - | 1,278 | 1,538 | 1,550 | 1,062 | 615 | 6,043 |
| Total Financing | - | | - | 4,110 | 5,293 | 4,360 | 3,929 | 3,540 | 21,232 |

Description

This profile 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, retaining walls, tennis court refurbishment, irrigation system replacement, disabled access retrofits, and replacement of 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.

Justification

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 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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,375 |
| Construction | | 12,388 |

Last Updated: 20-FEB-2009

\$ 13,763

Asset Management & Public Works

PROGRAM: Parks

PROJECT NAME: Parks/Sportsfields Renewal

09-28-9001

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.

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.

Source of Estimates Conceptual: +/- 50%

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

Completion Year: 2016 Total Project Costs: \$22,549 Expenditures Beyond CPP Period: \$1,317

Last Updated: 20-FEB-2009

Asset Management & Public Works

(thousands of dollars)

PROGRAM: Parks

PROJECT NAME: Planning Studies/Design

09-28-9601

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Brenneis L.

Outcome: Improve Edmonton's Livability

Focus: Enhance social connectedness for all citizens

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | - | 158 | 316 | - | - | 474 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 158 | 316 | - | - | 474 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 324 | 332 | 656 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 324 | 332 | 656 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|-----|-----|-----|-----|-------|
| - | - | 158 | 316 | 324 | 332 | 1,130 |
|---|---|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 158 | 316 | 324 | 332 | 1,130 |
| Total Financing | - | | - | - | 158 | 316 | 324 | 332 | 1,130 |

Description

This profile 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 profile 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.

Justification

Conceptual planning is a key component in the planning and implementation of the Parks Branch. 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.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

Studies \$ 474

Last Updated: 22-JAN-2009

\$ 474

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 775 | 790 | 806 | - | - | 2,371 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 775 | 790 | 806 | - | - | 2,371 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 822 | 889 | 1,711 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 822 | 889 | 1,711 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 775 | 790 | 806 | 822 | 889 | 4,082 |
|---|-----|-----|-----|-----|-----|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|-------------|------|------|------|------|------|-------|
| Drainage Retain Earnings | - | - | 775 | 790 | 806 | 822 | 889 | 4,082 |
| Total Financing | - | - | 775 | 790 | 806 | 822 | 889 | 4,082 |

Description

Refer to 09-23-0600 for program description and justification..

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 477 |
| Construction | | 1,894 |

Last Updated: 22-JAN-2009

\$ 2,371

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 1,233 | 2,943 | - | - | - | - | 4,176 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,233 | 2,943 | - | - | - | - | 4,176 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 1,233 | 2,943 | - | - | - | - | 4,176 |
|-------|-------|---|---|---|---|-------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|------|------|------|------|-------|
| Drainage Retain Earnings | - | 233 | - | - | - | - | - | 233 |
| Self-Liquid. Debent.-Land Drg | - | 1,000 | 2,943 | - | - | - | - | 3,943 |
| Total Financing | - | 1,233 | 2,943 | - | - | - | - | 4,176 |

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, have 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 2009

Source of Estimates Preliminary Design: +/- 30%

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

Completion Year: 2009 Total Project Costs: \$4,176 Expenditures Beyond CPP Period:

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 186 |
| Construction | | 3,990 |

Last Updated: 22-JAN-2009

\$ 4,176

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|--------|
| Budget as Approved | 4,210 | 6,480 | 5,653 | 71 | - | - | 16,414 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,210 | 6,480 | 5,653 | 71 | - | - | 16,414 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|----|---|---|--------|
| 4,210 | 6,480 | 5,653 | 71 | - | - | 16,414 |
|-------|-------|-------|----|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|-------------|-------|-------|------|------|------|--------|
| Drainage Retain Earnings | - | 2,978 | 4,526 | 2,853 | 57 | - | - | 10,414 |
| CAMRIF - Federal Portion | - | 616 | 977 | 1,400 | 7 | - | - | 3,000 |
| CAMRIF - Provincial Portion | - | 616 | 977 | 1,400 | 7 | - | - | 3,000 |
| Total Financing | - | 4,210 | 6,480 | 5,653 | 71 | - | - | 16,414 |

Description

The total project cost is estimated to be \$16 million. \$6 million 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 deadline for project construction is March 31, 2010 and March 31, 2011 for claim submission.

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 will be 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 discharge into the North Saskatchewan River through the Arygyl 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. Construction has been initiated on March 13th, 2008.

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 will follow after borrow operations are completed by spring 2010 with potential completion by

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 4,066 |
| Construction | | 12,348 |

Last Updated: 22-JAN-2009

\$ 16,414

Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: Kennedale and Pylypow Wetlands

07-31-4304

December 2010.

This project will have no operating impact.

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 Preliminary Design: +/- 30%

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

Completion Year: 2011 Total Project Costs: \$16,414 Expenditures Beyond CPP Period:

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Review/Inspect Developer Built Sewers

09-31-7199

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 650 | 690 | 700 | - | - | 2,040 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 650 | 690 | 700 | - | - | 2,040 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 710 | 722 | 1,432 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 710 | 722 | 1,432 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 650 | 690 | 700 | 710 | 722 | 3,472 |
|---|-----|-----|-----|-----|-----|-------|

| Financing | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Developer Financing | - | | - | 325 | 345 | 350 | 355 | 361 | 1,736 |
| Drainage Retain Earnings | - | | - | 325 | 345 | 350 | 355 | 361 | 1,736 |
| Total Financing | - | | - | 650 | 690 | 700 | 710 | 722 | 3,472 |

Description

Refer to 09-23-7199 for program description and justification.

Source of Estimates Preliminary Design: +/- 30%

| | |
|------------------------|----------|
| Project Cost Breakdown | |
| Technical Services | \$ 2,040 |

Last Updated: 22-JAN-2009

\$ 2,040

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Structures Rehabilitation

09-31-9503

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 4,125 | 3,561 | 3,585 | - | - | 11,271 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,125 | 3,561 | 3,585 | - | - | 11,271 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,618 | 1,650 | 3,268 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,618 | 1,650 | 3,268 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 4,125 | 3,561 | 3,585 | 1,618 | 1,650 | 14,539 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Drainage Retain Earnings | - | - | 200 | 200 | 200 | - | - | 600 |
| Self-Liquid. Debent.-Land Drg | - | - | 3,925 | 3,361 | 3,385 | 1,618 | 1,650 | 13,939 |
| Total Financing | - | - | 4,125 | 3,561 | 3,585 | 1,618 | 1,650 | 14,539 |

Description

Refer to 09-23-9503 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 700 |
| Construction | | 10,571 |

Last Updated: 22-JAN-2009

\$ 11,271

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Sewer Rehabilitation

09-31-9504

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 2,713 | 2,741 | 2,770 | - | - | 8,224 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,713 | 2,741 | 2,770 | - | - | 8,224 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,839 | 2,909 | 5,748 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,839 | 2,909 | 5,748 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 1,350 | 1,350 | 1,350 | 1,391 | 1,432 | 6,873 |
| Self-Liquid. Debent.-Land Drg | - | | - | 1,363 | 1,391 | 1,420 | 1,448 | 1,477 | 7,099 |
| Total Financing | - | | - | 2,713 | 2,741 | 2,770 | 2,839 | 2,909 | 13,972 |

Description

Refer to 09-23-9504 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 754 |
| Construction | | 7,470 |

Last Updated: 22-JAN-2009

\$ 8,224

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Drainage IT Applications

09-31-9507

Group-Criteria: D-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 150 | 158 | 165 | - | - | 473 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 150 | 158 | 165 | - | - | 473 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 174 | 182 | 356 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 174 | 182 | 356 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| - | 150 | 158 | 165 | 174 | 182 | 829 |
|---|-----|-----|-----|-----|-----|-----|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|-------------|------|------|------|------|------|-------|
| Drainage Retain Earnings | - | - | 150 | 158 | 165 | 174 | 182 | 829 |
| Total Financing | - | - | 150 | 158 | 165 | 174 | 182 | 829 |

Description

Refer to 09-23-9507 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 33 |
| Equipment | | 52 |
| Construction | | 388 |

Last Updated: 22-JAN-2009

\$ 473

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Mature Neighbourhood Rehabilitation - Dr 09-31-9510

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 11,748 | 10,453 | 11,532 | - | - | 33,733 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 11,748 | 10,453 | 11,532 | - | - | 33,733 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 9,391 | 9,796 | 19,187 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 9,391 | 9,796 | 19,187 |

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|--------|--------|--------|-------|-------|--------|
| EXPENDITURE PLAN | - | 11,748 | 10,453 | 11,532 | 9,391 | 9,796 | 52,920 |
|------------------|---|--------|--------|--------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|-------------|--------|--------|--------|-------|-------|--------|
| Drainage Retain Earnings | - | - | 319 | 1,863 | 7,761 | 5,232 | 2,775 | 17,950 |
| AMIP | - | - | 10,560 | 2,140 | - | - | - | 12,700 |
| Self-Liquid. Debent.-Land Drg | - | - | 869 | 6,450 | 3,771 | 4,159 | 7,021 | 22,270 |
| Total Financing | - | - | 11,748 | 10,453 | 11,532 | 9,391 | 9,796 | 52,920 |

Description

Refer to 09-23-9510 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 3,373 |
| Construction | | 30,360 |

Last Updated: 22-JAN-2009

\$ 33,733

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|-------|-------|------|--------|
| Budget as Approved | 18,638 | 13,839 | 32,927 | 8,309 | 2,608 | 374 | 76,695 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 18,638 | 13,839 | 32,927 | 8,309 | 2,608 | 374 | 76,695 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|--------|--------|-------|-------|------|--------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | 4,864 | 3,499 | 13,791 | - | - | - | 22,154 |
| AMIP | - | | 13,403 | 7,097 | 8,292 | - | - | - | 28,792 |
| Self-Liquid. Debent.-Land Drg | - | | 371 | 3,243 | 10,844 | 8,309 | 2,608 | 374 | 25,749 |
| Total Financing | - | | 18,638 | 13,839 | 32,927 | 8,309 | 2,608 | 374 | 76,695 |

Description

Refer to 07-23-9511 Sanitary Drainage for program description and justification.

Source of Estimates Detailed Design: +/- 20%

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

Completion Year: 2017 Total Project Costs: \$101,035 Expenditures Beyond CPP Period: \$24,340

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 13,722 |
| Construction | | 87,313 |

Last Updated: 22-JAN-2009

\$ 101,035

Drainage Services

(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)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,241 | 1,238 | 1,235 | - | - | 3,714 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,241 | 1,238 | 1,235 | - | - | 3,714 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,238 | 1,251 | 2,489 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,238 | 1,251 | 2,489 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| - | 1,241 | 1,238 | 1,235 | 1,238 | 1,251 | 6,203 |
|---|-------|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| Developer Financing | - | | - | 1,101 | 1,118 | 1,135 | 1,158 | 1,181 | 5,693 |
| Drainage Retain Earnings | - | | - | 140 | 120 | 100 | 80 | 70 | 510 |
| Total Financing | - | | - | 1,241 | 1,238 | 1,235 | 1,238 | 1,251 | 6,203 |

Description

Refer to 09-23-9513 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 260 |
| Construction | | 3,454 |

Last Updated: 22-JAN-2009

\$ 3,714

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Infrastructure Expansion

09-31-9604

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | - | 1,076 | 636 | 649 | - | - | 2,361 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,076 | 636 | 649 | - | - | 2,361 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 158 | 162 | 320 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 158 | 162 | 320 |

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|-----|-----|-----|-----|-------|
| EXPENDITURE PLAN | - | 1,076 | 636 | 649 | 158 | 162 | 2,681 |
|------------------|---|-------|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Developer Financing | - | | - | 916 | 152 | 155 | 158 | 162 | 1,543 |
| Self-Liquid. Debent.-Land Drg | - | | - | 160 | 484 | 494 | - | - | 1,138 |
| Total Financing | - | | - | 1,076 | 636 | 649 | 158 | 162 | 2,681 |

Description

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.

Justification

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.

Source of Estimates Detailed Design: +/- 20%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 160 |
| Construction | | 2,201 |

Last Updated: 22-JAN-2009

\$ 2,361

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Local Improvement Sewers

09-31-9608

Group-Criteria: B-145 Maintenance/Upgrade Projects

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 7,238 | 6,163 | 4,570 | - | - | 17,971 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 7,238 | 6,163 | 4,570 | - | - | 17,971 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,111 | 2,153 | 4,264 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,111 | 2,153 | 4,264 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 7,238 | 6,163 | 4,570 | 2,111 | 2,153 | 22,235 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Local Improvements Prop. Share | - | | - | 7,238 | 6,163 | 4,570 | 2,111 | 2,153 | 22,235 |
| Total Financing | - | | - | 7,238 | 6,163 | 4,570 | 2,111 | 2,153 | 22,235 |

Description

Refer to 09-23-9608 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,258 |
| Construction | | 16,713 |

Last Updated: 22-JAN-2009

\$ 17,971

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|-------|-------|--------|
| Budget as Approved | 4,385 | 3,522 | 1,000 | 4,320 | 1,000 | 1,000 | 15,227 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 4,385 | 3,522 | 1,000 | 4,320 | 1,000 | 1,000 | 15,227 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 4,385 | 3,522 | 1,000 | 4,320 | 1,000 | 1,000 | 15,227 |
|-------|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 251 | - | - | - | - | - | 251 |
| Self-Liquidating Debentures | - | | 2,760 | 3,422 | 900 | 1,050 | 900 | 900 | 9,932 |
| Drainage Retain Earnings | - | | 1,374 | 100 | 100 | 3,270 | 100 | 100 | 5,044 |
| Total Financing | - | | 4,385 | 3,522 | 1,000 | 4,320 | 1,000 | 1,000 | 15,227 |

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 Stormwater Infrastructure Expansion 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 & Construction - Design of Morris Pond and construction of Maple Ridge Diversion Channel.

2008-2009: Design & Construction - Design of Morris Wetland.

2009-2010: Design - Morris Pond.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 2,000 |
| Design | | 1,224 |
| Construction | | 27,003 |

Last Updated: 22-JAN-2009

\$ 30,227

Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Mgmt Facilities Expansion

03-31-9613

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: | 2028 | Total Project Costs: | \$30,227 | Expenditures Beyond CPP Period: | \$15,000 |
|------------------|------|----------------------|----------|---------------------------------|----------|

Last Updated: 22-JAN-2009

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 & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|-------|-------|-------|
| Budget as Approved | - | 50 | 120 | 216 | 1,660 | 5,460 | 7,506 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 50 | 120 | 216 | 1,660 | 5,460 | 7,506 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|----|-----|-----|-------|-------|-------|
| - | 50 | 120 | 216 | 1,660 | 5,460 | 7,506 |
|---|----|-----|-----|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|--|-------------|------|------|------|-------|-------|-------|
| Financing | | | | | | | | | |
| Drainage Retain Earnings | - | | - | 50 | 120 | 216 | 1,660 | 5,460 | 7,506 |
| Total Financing | - | | - | 50 | 120 | 216 | 1,660 | 5,460 | 7,506 |

Description

This project provides concept development, design and construction for projects to improve the quality of water discharged to the river from the stormwater drainage system. In 2009 conceptual design will begin for a treatment system for flows being discharged from Groat Road storm sewer. This project is expected to consume the majority of the program funds in the 5 year period. Minor projects include the investigation, monitoring and promotion of Low Impact Development (LID) as a means to reduce contaminants discharging from developed city lands.

Impact on operating: The focus of Alberta Environment on Storm water quality and assessing the cumulative impacts of city discharges results in an ongoing need for two additional staff in Environmental planning and funding for new and increased investigations. The new staff have been requested for the 2009 operating budget and the additional funds are already part of the budget.

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.

Source of Estimates Conceptual: +/- 50%

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

Completion Year: 2028 Total Project Costs: \$46,660 Expenditures Beyond CPP Period: \$39,154

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 270 |
| Construction | | 46,390 |

Last Updated: 22-JAN-2009

\$ 46,660

Drainage Services

PROGRAM: Land Drainage

PROJECT NAME: Stormwater Quality Enhancement

09-31-9615

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Personnel | 206 | - | - | - | - |
| Total Impact | 206 | - | - | - | - |

Last Updated: 22-JAN-2009

Drainage Services

(thousands of dollars)

PROGRAM: Land Drainage

PROJECT NAME: Monitoring and Assessment

09-31-9704

Group-Criteria: A-120 Projects Required By Legislation

Project Manager: Hodgson J.

Outcome: Preserve & Sustain Edmonton's Environment

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 149 | 159 | 170 | - | - | 478 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 149 | 159 | 170 | - | - | 478 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 180 | 189 | 369 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 180 | 189 | 369 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| - | 149 | 159 | 170 | 180 | 189 | 847 |
|---|-----|-----|-----|-----|-----|-----|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------|----------------|-------------|------|------|------|------|------|-------|
| Drainage Retain Earnings | - | - | 149 | 159 | 170 | 180 | 189 | 847 |
| Total Financing | - | - | 149 | 159 | 170 | 180 | 189 | 847 |

Description

Refer to 09-23-9704 for program description and justification.

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 186 |
| Equipment | | 87 |
| Construction | | 205 |

Last Updated: 22-JAN-2009

\$ 478

Waste Management

(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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 8,830 | 8,330 | 9,692 | - | - | 26,852 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 8,830 | 8,330 | 9,692 | - | - | 26,852 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 8,600 | 10,600 | 19,200 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 8,600 | 10,600 | 19,200 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|--------|--------|
| - | 8,830 | 8,330 | 9,692 | 8,600 | 10,600 | 46,052 |
|---|-------|-------|-------|-------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|--------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | - | 8,130 | 7,580 | 9,392 | 8,300 | 10,300 | 43,702 |
| Post Closure Funding | - | | - | 700 | 750 | 300 | 300 | 300 | 2,350 |
| Total Financing | - | | - | 8,830 | 8,330 | 9,692 | 8,600 | 10,600 | 46,052 |

Description

This project is to sustain the Edmonton Waste Management Centre infrastructure utilities and facilities, including the Clover Bar Landfill, as the Centre grows and ages.

There is an ongoing need for capital investment from 2009 to 2011 to:

1. expand or maintain the Centre's infrastructure of underground services, roads, groundwater monitoring system, site drainage systems and site revegetation;
2. upgrade or replace operating equipment at plants such as the Leachate Treatment Plant;
3. provide for the reception and sorting of e-waste, household hazardous waste and Construction and demolition waste; and
4. provide for the capping and closure of completed areas of the landfill.

Impact on Operating: Capital work either do not impact on operating costs or serve to control operating cost levels.

The expected life of the asset is 10 year or more and the debenture term is 10 years.

Justification

The Waste Management Branch is responsible for managing the plants, roadways, utilities and other infrastructure at the Edmonton Waste Management Centre, a 200 hectare industrial park. This project is the vehicle to maintain the infrastructure to industry standard and to adapt to changes recognizing that as more waste processing facilities are put in service there will be an increase in equipment upkeep and refurbishment of the mechanical systems to prudently control operating and maintenance costs. It also provides for the landfill development and closure and environmental monitoring systems in keeping with

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Construction | \$ | 46,052 |
|--------------|----|--------|

Last Updated: 17-FEB-2009

| | |
|----|--------|
| \$ | 46,052 |
|----|--------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Waste Management Centre Infrastructure

09-33-1933

environmental permit requirements.

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%

Impact on Operations 2009 2010 2011 2012 2013

| | | | | | |
|----------------------|-----|-------|-------|---|---|
| Debt Servicing Costs | 552 | 1,068 | 1,153 | - | - |
| Total Impact | 552 | 1,068 | 1,153 | - | - |

Last Updated: 17-FEB-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Material Recovery Facility Renewal(MRF)

08-33-1934

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|-------|-------|
| Budget as Approved | 2,000 | - | - | - | - | 2,680 | 4,680 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,000 | - | - | - | - | 2,680 | 4,680 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|---|---|---|---|-------|-------|
| 2,000 | - | - | - | - | 2,680 | 4,680 |
|-------|---|---|---|---|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|------|------|------|-------|-------|
| Financing | | | | | | | | | |
| Operating Revenues | - | | 1,500 | - | - | - | - | 2,680 | 4,180 |
| Munc Sustain. Initiative - MSI | - | | 500 | - | - | - | - | - | 500 |
| Total Financing | - | | 2,000 | - | - | - | - | 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%

Project Cost Breakdown

| | | |
|-----------|----|-------|
| Design | \$ | 300 |
| Equipment | | 4,380 |

Last Updated: 22-JAN-2009

\$ 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 & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|------|------|------|--------|
| Budget as Approved | 24,650 | 44,000 | 20,000 | - | - | - | 88,650 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 24,650 | 44,000 | 20,000 | - | - | - | 88,650 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|--------|---|---|---|--------|
| 24,650 | 44,000 | 20,000 | - | - | - | 88,650 |
|--------|--------|--------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|--------|--------|------|------|------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 24,650 | 44,000 | 20,000 | - | - | - | 88,650 |
| Operating Revenues | - | | - | - | - | - | - | - | - |
| Total Financing | - | | 24,650 | 44,000 | 20,000 | - | - | - | 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).

The expected life of the asset is 25 years and the debenture term is 25 years for 2009 and 2010.

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

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Design & Construct. | \$ | 88,650 |
|---------------------|----|--------|

Last Updated: 17-FEB-2009

| | |
|----|--------|
| \$ | 88,650 |
|----|--------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Processing and Transfer Facility

07-33-1935

sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Detailed Design: +/- 10%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|-------|-------|------|------|
| Debt Servicing Costs | 4,887 | 4,348 | 1,358 | - | - |
| Other - misc | 2,076 | 1,763 | 806 | - | - |
| Personnel | 1,208 | 1,208 | 284 | - | - |
| Total Impact | 8,171 | 7,319 | 2,448 | - | - |

Last Updated: 17-FEB-2009

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 & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 9,230 | 1,099 | - | - | - | - | 10,329 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 9,230 | 1,099 | - | - | - | - | 10,329 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|--------|
| 9,230 | 1,099 | - | - | - | - | 10,329 |
|-------|-------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------------|----------------|--|-------------|-------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Other Grants - Provincial | - | | 9,109 | 1,099 | - | - | - | - | 10,208 |
| Partnership Funding | - | | 121 | - | - | - | - | - | 121 |
| Operating Revenues | - | | - | - | - | - | - | - | - |
| Total Financing | - | | 9,230 | 1,099 | - | - | - | - | 10,329 |

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%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,550 |
| Construction | | 8,779 |

Last Updated: 22-JAN-2009

\$ 10,329

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 & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | 2,500 | 2,400 | 2,400 | - | - | - | 7,300 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,500 | 2,400 | 2,400 | - | - | - | 7,300 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|---|---|---|-------|
| 2,500 | 2,400 | 2,400 | - | - | - | 7,300 |
|-------|-------|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 2,500 | 2,400 | 2,400 | - | - | - | 7,300 |
| Total Financing | - | | 2,500 | 2,400 | 2,400 | - | - | - | 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. 25 year debenture term is assumed for 2009 and 2010.

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: 17-FEB-2009

| | |
|----|-------|
| \$ | 7,300 |
|----|-------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: EWMC Expansion - Land

06-33-2001

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|-----------------------|------|------|------|------|------|
| Debt Servicing Costs | 139 | 326 | 163 | - | - |
| Landscape Maintenance | 20 | - | - | - | - |
| Total Impact | 159 | 326 | 163 | - | - |

Last Updated: 17-FEB-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: SW Eco Station

06-33-2002

Group-Criteria: B-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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 8,500 | 3,500 | 1,000 | 1,600 | - | - | 14,600 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 8,500 | 3,500 | 1,000 | 1,600 | - | - | 14,600 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|---|---|--------|
| 8,500 | 3,500 | 1,000 | 1,600 | - | - | 14,600 |
|-------|-------|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 5,000 | 3,500 | 1,000 | 1,600 | - | - | 11,100 |
| Munc Sustain. Initiative - MSI | - | | 3,500 | - | - | - | - | - | 3,500 |
| Total Financing | - | | 8,500 | 3,500 | 1,000 | 1,600 | - | - | 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%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 3,500 |
| Design | | 650 |
| Construction | | 10,450 |

Last Updated: 22-JAN-2009

\$ 14,600

Waste Management

PROGRAM: Waste Management

PROJECT NAME: SW Eco Station

06-33-2002

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|-------|------|------|------|
| Debt Servicing Costs | - | 306 | 176 | 109 | - |
| Material | 560 | (162) | 61 | - | - |
| Contract | 305 | 104 | 53 | - | - |
| Personnel | 973 | 352 | 89 | - | - |
| Total Impact | 1,838 | 600 | 379 | 109 | - |

Last Updated: 22-JAN-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Waste Containers

08-33-2005

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

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | 1,897 | 1,100 | 1,600 | 1,600 | - | - | 6,197 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,897 | 1,100 | 1,600 | 1,600 | - | - | 6,197 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,350 | 2,450 | 4,800 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,350 | 2,450 | 4,800 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 1,897 | 1,100 | 1,600 | 1,600 | 2,350 | 2,450 | 10,997 |
|-------|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | - | 1,100 | 1,600 | 1,600 | 2,350 | 2,450 | 9,100 |
| Operating Revenues | - | | 1,897 | - | - | - | - | - | 1,897 |
| Total Financing | - | | 1,897 | 1,100 | 1,600 | 1,600 | 2,350 | 2,450 | 10,997 |

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.

The expected life of the asset is 10 years and the debenture term is 10 years.

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

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Equipment | \$ | 10,997 |
|-----------|----|--------|

Last Updated: 17-FEB-2009

| | |
|----|--------|
| \$ | 10,997 |
|----|--------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Waste Containers

08-33-2005

sustainability and 3- year administration goal of advancement towards zero waste.

Source of Estimates Conceptual: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Debt Servicing Costs | 131 | 320 | 380 | - | - |
| Total Impact | 131 | 320 | 380 | - | - |

Last Updated: 17-FEB-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Kennedale Facilities Expansion

11-33-2006

Group-Criteria: B-130 Projects Required To Meet Commitments

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 2,900 | 7,400 | 3,700 | - | - | 14,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,900 | 7,400 | 3,700 | - | - | 14,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|-------|-------|---|---|--------|
| EXPENDITURE PLAN | - | 2,900 | 7,400 | 3,700 | - | - | 14,000 |
|------------------|---|-------|-------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | - | 2,900 | 7,400 | 3,700 | - | - | 14,000 |
| Total Financing | - | | - | 2,900 | 7,400 | 3,700 | - | - | 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.

The expected life of the asset is greater than 25 years and the debenture term is 25 years.

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.

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Design & Construct. | \$ | 14,000 |
|---------------------|----|--------|

Last Updated: 17-FEB-2009

| | |
|----|--------|
| \$ | 14,000 |
|----|--------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Kennedale Facilities Expansion

11-33-2006

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Debt Servicing Costs | 197 | 700 | 754 | 251 | - |
| Total Impact | 197 | 700 | 754 | 251 | - |

Last Updated: 17-FEB-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Kennedale Expansion - Land

10-33-2007

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

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | 1,100 | - | 1,100 | 1,200 | - | - | 3,400 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,100 | - | 1,100 | 1,200 | - | - | 3,400 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|---|-------|-------|---|---|-------|
| 1,100 | - | 1,100 | 1,200 | - | - | 3,400 |
|-------|---|-------|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|------|-------|-------|------|------|-------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 1,100 | - | 1,100 | 1,200 | - | - | 3,400 |
| Total Financing | - | | 1,100 | - | 1,100 | 1,200 | - | - | 3,400 |

Description

Purchase of 10 acres of City-owned land adjacent to the Kennedale Integrated Site for the construction of Kennedale Facilities Expansion Project 10-33-2006.

As this involves land acquisition, no expected asset life is identified. A 25-year debenture term is assumed.

Justification

Land acquisition is required to accommodate the expansion of Waste Management Branch facilities that are now totally utilized. Expansion is required to effectively house and manage increased staff and vehicle resources integral to meeting the need for services that are an integral component of the Waste Management Strategic Plan.

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.

Project Cost Breakdown

| | | |
|------|----|-------|
| Land | \$ | 3,400 |
|------|----|-------|

Last Updated: 17-FEB-2009

| | |
|----|-------|
| \$ | 3,400 |
|----|-------|

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Kennedale Expansion - Land

10-33-2007

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Debt Servicing Costs | 149 | 75 | 156 | 82 | - |
| Total Impact | 149 | 75 | 156 | 82 | - |

Last Updated: 17-FEB-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: NE Eco Station

11-33-2008

Group-Criteria: B-130 Projects Required To Meet Commitments

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|---|---|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | 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

| | | |
|--------------|----|--------|
| Land | \$ | 3,500 |
| Design | | 500 |
| Construction | | 11,500 |

Last Updated: 22-JAN-2009

\$ 15,500

Waste Management

PROGRAM: Waste Management

PROJECT NAME: NE Eco Station

11-33-2008

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Debt Servicing Costs | - | - | 238 | 679 | 815 |
| Total Impact | - | - | 238 | 679 | 815 |

Last Updated: 22-JAN-2009

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Waste Management Equipment Acquisition

09-33-2009

Group-Criteria: A-130 Projects Required To Meet Commitments

Project Manager: Neehall R.G.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Increase/broaden advancement towards zero waste

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 7,803 | 6,936 | 6,095 | - | - | 20,834 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 7,803 | 6,936 | 6,095 | - | - | 20,834 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,577 | 1,515 | 4,092 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,577 | 1,515 | 4,092 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | - | 7,803 | 6,936 | 6,095 | 2,577 | 1,515 | 24,926 |
| Total Financing | - | | - | 7,803 | 6,936 | 6,095 | 2,577 | 1,515 | 24,926 |

Description

The project provides for the acquisition of vehicles for both collection and processing operations, and purchase of specialized processing equipment.

The expected service life 10 years and the debenture term is 10 years.

Justification

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.

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|-------|-------|-------|-------|
| Debt Servicing Costs | 926 | 2,676 | 4,222 | 5,252 | 5,738 |
| Total Impact | 926 | 2,676 | 4,222 | 5,252 | 5,738 |

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Equipment | \$ | 24,926 |
|-----------|----|--------|

Last Updated: 17-FEB-2009

| | |
|----|--------|
| \$ | 24,926 |
|----|--------|

Waste Management

(thousands of dollars)

PROGRAM: Waste Management

PROJECT NAME: Equipment Storage & Maintenance Building

09-33-2010

Group-Criteria: B-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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | - | 4,000 | 2,000 | - | - | - | 6,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,000 | 2,000 | - | - | - | 6,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|---|---|---|-------|
| - | 4,000 | 2,000 | - | - | - | 6,000 |
|---|-------|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Operating Revenues | - | | - | 4,000 | 2,000 | - | - | - | 6,000 |
| Total Financing | - | | - | 4,000 | 2,000 | - | - | - | 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

| | | |
|--------------|----|-------|
| Design | \$ | 600 |
| Construction | | 5,400 |

Last Updated: 22-JAN-2009

\$ 6,000

Waste Management

PROGRAM: Waste Management

PROJECT NAME: Equipment Storage & Maintenance Building

09-33-2010

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Utilities | - | - | 54 | - | - |
| Maintenance | - | - | 130 | - | - |
| Total Impact | - | - | 184 | - | - |

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Building and Facility Rehabilitation

09-41-0100

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 6,933 | 3,996 | 5,826 | - | - | 16,755 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 6,933 | 3,996 | 5,826 | - | - | 16,755 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 10,503 | 10,442 | 20,945 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 10,503 | 10,442 | 20,945 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|--------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 6,933 | 3,996 | 5,826 | 10,503 | 10,442 | 37,700 |
| Total Financing | - | | - | 6,933 | 3,996 | 5,826 | 10,503 | 10,442 | 37,700 |

Description

This project provides the funding required on a priority basis to replace or restore major building components and systems for existing City buildings and facilities, excluding Transit / LRT Garages, which have reached the end of their useful life. Major building components and systems include: structural components such as concrete beams and slabs; building envelope components such as roofs, windows and exterior cladding; electrical systems including elevators, alarm systems and lighting; mechanical systems including boilers, chillers, pumps and other components of the heating, cooling and ventilation system; and architectural components such as flooring, interior wall systems and finishes. Project funds will be used to address critical building component repairs or replacements 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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,746 |
| Construction | | 14,009 |

Last Updated: 22-JAN-2009

\$ 16,755

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Building and Facility Rehabilitation

09-41-0100

Justification

Facilities must be maintained to a minimum standard which preserves their useful life, ensures the occupants ability to carry out necessary functions and responsibilities, and ensures the health and safety of the staff and public.

Without the required funding, building components and systems at or near the end of their useful life will not be restored or replaced in a timely or cost effective manner. This will lead to higher operating costs, increased frequency of emergency repairs and lead to more costly repairs and renovations in future years.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy.

Service Challenge: Conservation of an aging infrastructure.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Building and Facility Rehabilitation

09-41-0101

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|--------|--------|------|------|--------|
| Budget as Approved | - | - | 10,750 | 11,800 | - | - | 22,550 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 10,750 | 11,800 | - | - | 22,550 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 12,100 | 13,150 | 25,250 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 12,100 | 13,150 | 25,250 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|--------|--------|--------|--------|--------|
| - | - | 10,750 | 11,800 | 12,100 | 13,150 | 47,800 |
|---|---|--------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|--------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 750 | 800 | 850 | 900 | 3,300 |
| Munc Sustain. Initiative - MSI | - | | - | - | 10,000 | 11,000 | 11,250 | 12,250 | 44,500 |
| Total Financing | - | | - | - | 10,750 | 11,800 | 12,100 | 13,150 | 47,800 |

Description

This project provides the funding required on a priority basis to replace or restore major building components and systems for existing City buildings and facilities, excluding Transit / LRT Garages, which have reached the end of their useful life. Major building components and systems include: structural components such as concrete beams and slabs; building envelope components such as roofs, windows and exterior cladding; electrical systems including elevators, alarm systems and lighting; mechanical systems including boilers, chillers, pumps and other components of the heating, cooling and ventilation system; and architectural components such as flooring, interior wall systems and finishes. Project funds will be used to address critical building component repairs or replacements that have been deferred from prior years due to funding constraints.

Justification

Facilities must be maintained to a minimum standard which preserves their useful life, ensures the occupants ability to carry out necessary functions and responsibilities, and ensures the health and safety of the staff and public.

Without the required funding, building components and systems at or near the end of their useful life will not be restored or replaced in a timely or cost effective manner. This will lead to higher operating costs, increased frequency of emergency repairs and lead to more costly repairs and renovations in future years.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 2,550 |
| Construction | | 20,000 |

Last Updated: 22-JAN-2009

\$ 22,550

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Building and Facility Rehabilitation

09-41-0101

Service Challenge: Conservation of an aging infrastructure.

Source of Estimates Conceptual: +/- 50%

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Accessibility to City Bldgs - Base

09-41-0105

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 200 | 200 | 286 | - | - | 686 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 200 | 200 | 286 | - | - | 686 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 407 | 407 | 814 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 407 | 407 | 814 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-----|-----|-------|
| - | 200 | 200 | 286 | 407 | 407 | 1,500 |
|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 200 | 200 | 286 | 407 | 407 | 1,500 |
| Total Financing | - | | - | 200 | 200 | 286 | 407 | 407 | 1,500 |

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

Conceptual: +/- 50%

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 100 |
| Construction | | 586 |

Last Updated: 22-JAN-2009

\$ 686

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Accommodation Plan

09-41-0107

Group-Criteria: A-145 Maintenance/Upgrade Projects

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 475 | 695 | 823 | - | - | 1,993 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 475 | 695 | 823 | - | - | 1,993 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,643 | 1,643 | 3,286 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,643 | 1,643 | 3,286 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|-------|-------|-------|
| - | 475 | 695 | 823 | 1,643 | 1,643 | 5,279 |
|---|-----|-----|-----|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 475 | 695 | 823 | 1,643 | 1,643 | 5,279 |
| Total Financing | - | | - | 475 | 695 | 823 | 1,643 | 1,643 | 5,279 |

Description

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.

Justification

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%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 299 |
| Construction | | 1,694 |

Last Updated: 22-JAN-2009

\$ 1,993

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Rexall Place Rehabilitation

09-41-0150

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|-------|
| Budget as Approved | - | 2,043 | 1,457 | - | - | - | 3,500 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,043 | 1,457 | - | - | - | 3,500 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|---|---|---|-------|
| - | 2,043 | 1,457 | - | - | - | 3,500 |
|---|-------|-------|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------|----------------|--|-------------|-------|-------|------|------|------|-------|
| Financing | | | | | | | | | |
| Other Reserve | - | | - | 2,043 | 1,457 | - | - | - | 3,500 |
| Total Financing | - | | - | 2,043 | 1,457 | - | - | - | 3,500 |

Description

This project will funds priority rehabilitation to mechanical, electrical, structural and other major components of the Northlands Park Rexall Place.

Rehabilitation projects will include: compressor & chiller replacement, HVAC upgrade, freight elevator replacement, arena lighting upgrade, fire alarm system upgrade, MCC replacement and south concourse/plaza construction.

Justification

Pursuant to the May 25, 2005 Revised Support Agreement between Northlands and the City of Edmonton, the City of Edmonton has assumed responsibility for capital improvements that will preserve the useful life of Rexall Place. Based on the agreement, a portion of Rexall Place's annual operating profits will be held in a reserve to fund the capital improvements that the City is responsible for. The capital expenditure will not exceed the amount in the reserve account.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|-----------------------|----|-------|
| Construction | \$ | 3,150 |
| Design & Construction | | 350 |

Last Updated: 20-FEB-2009

\$ 3,500

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Library Parkade Rehabilitation

09-41-2010

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

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,750 | 3,201 | 3,823 | - | - | 8,774 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,750 | 3,201 | 3,823 | - | - | 8,774 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 200 | 200 | 400 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 200 | 200 | 400 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 250 | 201 | 323 | 200 | 200 | 1,174 |
| Munc Sustain. Initiative - MSI | - | | - | 1,500 | 3,000 | 3,500 | - | - | 8,000 |
| Total Financing | - | | - | 1,750 | 3,201 | 3,823 | 200 | 200 | 9,174 |

Description

A structural inspection of the 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 are yet to be done.

Justification

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.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 774 |
| Construction | | 8,000 |

Last Updated: 22-JAN-2009

\$ 8,774

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Southwest Commun. Rec Centre - Arenas

09-41-2120

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Improve Edmonton's Livability

Focus: Improve community engagement & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|------|------|------|--------|
| Budget as Approved | - | 25,000 | 28,700 | - | - | - | 53,700 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 25,000 | 28,700 | - | - | - | 53,700 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,000 | 1,000 | - | - | - | 2,000 |
| Tax-Supported Debt | - | | - | - | 7,700 | - | - | - | 7,700 |
| Munc Sustain. Initiative - MSI | - | | - | 14,000 | 20,000 | - | - | - | 34,000 |
| MCFP-Major Community Fac Prgm | - | | - | 10,000 | - | - | - | - | 10,000 |
| Total Financing | - | | - | 25,000 | 28,700 | - | - | - | 53,700 |

Description

This project will develop the new Southwest Arena Complex, which will be integrated with the Southwest Community Recreation Centre on the Leger District Park Site. Program elements will include: 4 NHL sized rinks, rink-associated change rooms, mechanical infrastructure and support spaces. Parking, landscaping and other site development are included in the Southwest Community Recreation Centre project profile 08-75-2509.

Justification

Council directed initiative (2008PW8796). This project is identified in the Recreation Facility Master Plan (Council approved August 2004) and in the 10-Year Arena Capital Development Strategy (Council approved July 2007). The need for the arena component of the Southwest Community Recreation Centre was also investigated in the Facility Component Priority Assessment for the Southwest Edmonton Multipurpose Recreation Facility (2005) and rated as "high/critical".

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.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 9,350 |
| Construction | | 44,350 |

Last Updated: 22-JAN-2009

\$ 53,700

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Southwest Commun. Rec Centre - Arenas

09-41-2120

Service Challenge: Meeting the needs of a growing city.

Expected life cycle of the asset is 40-50 years and the term of the tax supported debt is 25 years. Financing strategy TBD by November 2008. The tax supported debt amount will be reduced if sponsorships/donations are received.

SOURCE OF ESTIMATES:

Construction Manager (Stuart Olson) October, 2008

IMPACT ON OPERATIONS:

There will be personnel and support costs for pre-opening planning and preparation activities. Once the facility opens in 2010 and revenues are generated, the tax levy support is projected to decrease.

Source of Estimates Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|-------|-------|------|------|
| Personnel | - | 773 | 437 | - | - |
| Revenue | - | (956) | (630) | - | - |
| Total Impact | - | (183) | (193) | - | - |

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Energy/Greenhouse Gas Reduction Projects

09-41-5501

Group-Criteria: A-110 Projects Specifically Directed By Council

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 650 | 2,900 | 1,400 | - | - | 4,950 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 650 | 2,900 | 1,400 | - | - | 4,950 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 3,000 | 3,000 | 6,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 3,000 | 3,000 | 6,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|-------|-------|--------|
| - | 650 | 2,900 | 1,400 | 3,000 | 3,000 | 10,950 |
|---|-----|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | - | 650 | 2,900 | 1,400 | 3,000 | 3,000 | 10,950 |
| Total Financing | - | | - | 650 | 2,900 | 1,400 | 3,000 | 3,000 | 10,950 |

Description

This project captures the range of energy conservation greenhouse gas reduction projects to be funded from tax-supported debt. The original borrowing limit Council approved was \$30 million. \$14,400 has been funded under the MeFirst! program as interest free debt for the first 5 year.

The remainder in this profile uses utility cost savings to repay the borrowed retrofit loan plus interest.

These projects applies to City-owned facilities, outdoor lighting, transportation and process facilities. Projects include but not limited to lighting retrofits and redesign, mechanical system upgrades and control modernization, building envelope improvements and alternate energy sources.

All retrofit projects will be reviewed by the Energy Management Revolving Fund (EMRF) Project Review Committee and the Environmental Policy Coordinating Committee (EPCC) to ensure that feasibility, required payback and CO2 reductions are met.

The expected asset life ranges from 12 years to 25 years with a 5 to 10 year debenture term.

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 Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 450 |
| Construction | | 4,500 |

Last Updated: 19-FEB-2009

\$ 4,950

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 3,000 | 15,150 | 15,850 | - | - | 34,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,000 | 15,150 | 15,850 | - | - | 34,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|--------|--------|---|---|--------|
| - | 3,000 | 15,150 | 15,850 | - | - | 34,000 |
|---|-------|--------|--------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|--------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 175 | 400 | 425 | - | - | 1,000 |
| Munc Sustain. Initiative - MSI | - | | - | 2,825 | 14,750 | 15,425 | - | - | 33,000 |
| Total Financing | - | | - | 3,000 | 15,150 | 15,850 | - | - | 34,000 |

Description

This project will fund some of the 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.

Design is scheduled for 2009, with two years of phased construction.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 5,000 |
| Construction | | 29,000 |

Last Updated: 22-JAN-2009

\$ 34,000

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Transit/LRT Garages Rehabilitation

09-41-6603

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Ward C.

Outcome: Transform Edmonton's Urban Form

Focus: Refocus spending on renewing existing vs new infra

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 4,353 | 4,216 | 4,372 | - | - | 12,941 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,353 | 4,216 | 4,372 | - | - | 12,941 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 4,912 | 3,912 | 8,824 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 4,912 | 3,912 | 8,824 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 353 | 216 | 372 | 1,412 | 1,412 | 3,765 |
| Munc Sustain. Initiative - MSI | - | | - | 4,000 | 4,000 | 4,000 | 3,500 | 2,500 | 18,000 |
| Total Financing | - | | - | 4,353 | 4,216 | 4,372 | 4,912 | 3,912 | 21,765 |

Description

General maintenance/replacement projects at the bus and LRT garages in areas such as mechanical, electrical, structural and other operating improvements. This profile represents the funded portion of maintenance projects for transit and LRT garages. The unfunded portion of maintenance projects is included in a new consolidated profile 07-75-4101.

General rehabilitation/upgrade projects at the bus garages in areas such as mechanical, electrical, structural and other operating improvements. Bus garages are:

- Ferrier Garage
- D.L. MacDonald Garage
- Percy Wickman Garages
- Mitchell Garage
- Paterson Garage
- Westwood Garage

Justification

This project is required to maintain the structural and operational integrity of the facilities and ensure that the heating, ventilation and air conditioning (HVAC) and electrical systems are working properly and efficiently. Funding for this project will help to avoid more major and costly repairs in the future and ensure that facilities conform with building code requirements. Replacement of some electrical components will also improve energy efficiency.

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: conservation of an aging infrastructure.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,940 |
| Construction | | 11,001 |

Last Updated: 22-JAN-2009

\$ 12,941

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Transit/LRT Garages Rehabilitation

09-41-6603

Source of Estimates Conceptual: +/- 50%

Last Updated: 22-JAN-2009

Finance & Treasury

(thousands of dollars)

PROGRAM: Finance & Treasury

PROJECT NAME: Automated Remittance System

08-50-0101

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 | 2009 | 2010 | 2011 | 2012 | 2013 | 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 |
|---|---|---|-----|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | - | 200 | - | - | 200 |
| Total Financing | - | | - | - | - | 200 | - | - | 200 |

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

Project Cost Breakdown

Hardware / Software \$ 855

Last Updated: 22-JAN-2009

\$ 855

Finance & Treasury

PROGRAM: Finance & Treasury

PROJECT NAME: Automated Remittance System

08-50-0101

to view payments on line. Current practice is to provide a hard copy (microfilm) of the payment which takes up to 4 days to produce.

Last Updated: 22-JAN-2009

Finance & Treasury

(thousands of dollars)

PROGRAM: Finance & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 593 | 200 | - | - | - | 793 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 593 | 200 | - | - | - | 793 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|---|---|---|-----|
| - | 593 | 200 | - | - | - | 793 |
|---|-----|-----|---|---|---|-----|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 593 | 200 | - | - | - | 793 |
| Total Financing | - | | - | 593 | 200 | - | - | - | 793 |

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%

Impact on Operations

2009 2010 2011 2012 2013

| | | | | | |
|---------------------|----|----|----|----|----|
| General Maintenance | 30 | 30 | 30 | 30 | 30 |
| Total Impact | 30 | 30 | 30 | 30 | 30 |

Project Cost Breakdown

| | | |
|---------------------|----|-----|
| Consulting | \$ | 493 |
| Hardware / Software | | 300 |

Last Updated: 22-JAN-2009

\$ 793

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|------|------|------|--------|
| Budget as Approved | 7,700 | 11,466 | 8,922 | 50 | - | - | 28,138 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 7,700 | 11,466 | 8,922 | 50 | - | - | 28,138 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|--------|-------|----|---|---|--------|
| 7,700 | 11,466 | 8,922 | 50 | - | - | 28,138 |
|-------|--------|-------|----|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 715 | 425 | 620 | (880) | - | - | 880 |
| AMIP | - | | 6,985 | 3,675 | 8,302 | 930 | - | - | 19,892 |
| Munc Sustain. Initiative - MSI | - | | - | 7,366 | - | - | - | - | 7,366 |
| Total Financing | - | | 7,700 | 11,466 | 8,922 | 50 | - | - | 28,138 |

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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 7,200 |
| Design | | 750 |
| Construction | | 20,188 |

Last Updated: 22-JAN-2009

\$ 28,138

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: South West Division Station

07-60-1356

response and 25% proactive time, the old south station was reopened and called 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%

Impact on Operations

2009 2010 2011 2012 2013

| | | | | | |
|---------------------|---|-----|-----|---|---|
| General Maintenance | - | 320 | 470 | - | - |
| Total Impact | - | 320 | 470 | - | - |

Last Updated: 22-JAN-2009

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: PoliceSeizedVehicleStorageLotExpansion

06-60-1357

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 422 | 1,253 | - | - | - | - | 1,675 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 422 | 1,253 | - | - | - | - | 1,675 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|-------|---|---|---|---|-------|
| 422 | 1,253 | - | - | - | - | 1,675 |
|-----|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 422 | 1,253 | - | - | - | - | 1,675 |
| Total Financing | - | | 422 | 1,253 | - | - | - | - | 1,675 |

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.

Percent for Art

Amount:

Percent of Total Project:

0%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Land | \$ | 393 |
| Design | | 29 |
| Construction | | 1,253 |

Last Updated: 19-FEB-2009

\$ 1,675

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: PoliceSeizedVehicleStorageLotExpansion

06-60-1357

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

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

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

Source of Estimates Conceptual: +/- 50%

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.

Last Updated: 19-FEB-2009

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Northwest Division Station

07-60-1375

Group-Criteria: B-540 Projects To Provide Improved Level Of Service - Growth/Develc Project Manager: Da Costa D.

Outcome: Improve Edmonton's Livability Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|------|------|------|-------|
| Budget as Approved | - | - | 7,500 | 788 | - | - | 8,288 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 7,500 | 788 | - | - | 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

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|-------|------|-------|-------|--------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | - | 7,500 | 788 | 8,039 | 8,540 | 24,867 |
| Total Financing | - | | - | - | 7,500 | 788 | 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.

Project Cost Breakdown

| | | |
|-----------------|----|--------|
| Land | \$ | 7,000 |
| Const. & Design | | 17,867 |

Last Updated: 22-JAN-2009

\$ 24,867

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Northwest Division Station

07-60-1375

- * Provide equitable policing services across the city.
- * 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 the 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%

Last Updated: 22-JAN-2009

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: TeleCommunications Systems Replacements

07-60-1423

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Ward B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|-------|------|------|-------|
| Budget as Approved | - | - | 478 | 2,157 | - | - | 2,635 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 478 | 2,157 | - | - | 2,635 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|-----|-------|---|---|-------|
| - | - | 478 | 2,157 | - | - | 2,635 |
|---|---|-----|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 478 | 2,157 | - | - | 2,635 |
| Total Financing | - | | - | - | 478 | 2,157 | - | - | 2,635 |

Description

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.

Justification

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.

Source of Estimates Conceptual: +/- 50%

Project Cost Breakdown

Equipment \$ 2,635

Last Updated: 22-JAN-2009

\$ 2,635

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Police IT Systems - Infrastructure

07-60-1433

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Ward B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | 3,187 | 1,517 | 3,489 | 1,330 | - | - | 9,523 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,187 | 1,517 | 3,489 | 1,330 | - | - | 9,523 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,954 | 1,894 | 3,848 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,954 | 1,894 | 3,848 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 3,187 | 1,517 | 3,489 | 1,330 | 1,954 | 1,894 | 13,371 |
|-------|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 3,187 | 1,517 | 3,489 | 1,330 | 1,954 | 1,894 | 13,371 |
| Total Financing | - | | 3,187 | 1,517 | 3,489 | 1,330 | 1,954 | 1,894 | 13,371 |

Description

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.

Justification

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%

Project Cost Breakdown

Hardware / Software \$ 13,371

Last Updated: 17-FEB-2009

\$ 13,371

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Police IT Systems - Infrastructure

07-60-1433

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 50 | 160 | 110 | - | - |
| Personnel | 90 | 190 | 100 | - | - |
| Total Impact | 140 | 350 | 210 | - | - |

Last Updated: 17-FEB-2009

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Public Safety Radio Network Replacement

09-60-1440

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Ward B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | - | 1,068 | - | - | - | - | 1,068 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,068 | - | - | - | - | 1,068 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|---|---|---|---|-------|
| - | 1,068 | - | - | - | - | 1,068 |
|---|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,068 | - | - | - | - | 1,068 |
| Total Financing | - | | - | 1,068 | - | - | - | - | 1,068 |

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.

Preliminary Design: +/- 30%

Project Cost Breakdown

Design \$ 1,068

Last Updated: 22-JAN-2009

\$ 1,068

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Public Safety Radio Network Replacement

09-60-1440

Source of Estimates

Last Updated: 22-JAN-2009

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Police IT Systems - Projects

07-60-1460

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Ward B.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | 3,740 | 1,179 | 3,370 | 1,520 | - | - | 9,809 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,740 | 1,179 | 3,370 | 1,520 | - | - | 9,809 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,620 | 2,390 | 4,010 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,620 | 2,390 | 4,010 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 3,740 | 1,179 | 3,370 | 1,520 | 1,620 | 2,390 | 13,819 |
|-------|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 3,740 | 1,179 | 3,370 | 1,520 | 1,620 | 2,390 | 13,819 |
| Total Financing | - | | 3,740 | 1,179 | 3,370 | 1,520 | 1,620 | 2,390 | 13,819 |

Description

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.

Justification

The EPS has a significant investment in information technology to support the requirements of day-to-day police activities. These projects deal with components that will keep EPS data and information secure and available, improve the processes used to deliver IT services, and apply new technology to policing applications.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

Computer Equipment \$ 13,819

Last Updated: 22-JAN-2009

\$ 13,819

Edmonton Police Service

(thousands of dollars)

PROGRAM: Police

PROJECT NAME: Facilities Infrastructure/Rehabilitation

07-60-1856

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Sajjad L.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 1,745 | 1,660 | 4,190 | 2,885 | - | - | 10,480 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,745 | 1,660 | 4,190 | 2,885 | - | - | 10,480 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,640 | 2,305 | 4,945 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,640 | 2,305 | 4,945 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|
| 1,745 | 1,660 | 4,190 | 2,885 | 2,640 | 2,305 | 15,425 |
|-------|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| General Financing | - | 1,745 | 650 | 285 | 485 | 2,638 | 1,928 | 7,731 |
| Munc Sustain. Initiative - MSI | - | - | 1,010 | 3,905 | 2,400 | 2 | 377 | 7,694 |
| Total Financing | - | 1,745 | 1,660 | 4,190 | 2,885 | 2,640 | 2,305 | 15,425 |

Description

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

Project Cost Breakdown

| | | |
|-----------------|----|-------|
| Construction | \$ | 7,694 |
| Const. & Design | | 7,731 |

Last Updated: 22-JAN-2009

\$ 15,425

Edmonton Police Service

PROGRAM: Police

PROJECT NAME: Facilities Infrastructure/Rehabilitation

07-60-1856

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 17 | - | - | - | 110 |
| Total Impact | 17 | - | - | - | 110 |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Arterial/Primry/Hghwy/Renewl

09-66-1020

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 30,169 | 29,957 | 36,489 | - | - | 96,615 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 30,169 | 29,957 | 36,489 | - | - | 96,615 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 40,450 | 42,093 | 82,543 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 40,450 | 42,093 | 82,543 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,457 | 1,218 | 1,375 | 1,811 | 1,289 | 7,150 |
| Local Improvements Prop. Share | - | | - | 250 | 250 | 250 | 250 | 250 | 1,250 |
| Fuel Rebate | - | | - | 13,700 | 11,500 | 16,864 | 21,008 | 23,000 | 86,072 |
| Munc Sustain. Initiative - MSI | - | | - | 14,762 | 16,989 | 18,000 | 17,381 | 17,554 | 84,686 |
| Total Financing | - | | - | 30,169 | 29,957 | 36,489 | 40,450 | 42,093 | 179,158 |

Description

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. In addition, funds are provided for crack sealing, pavement condition surveys, and conceptual planning.

The following locations in priority order 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

1. 118 Avenue: (42 Street - 50 Street) [Coordinate with 08-17-0346]
2. 118 Avenue: (87 Street - 92 Street) [Coordinate with 07-21-5788]
3. Yellowhead Trail Westbound: (107 Street - 121 Street) [Primary Hwy]
4. Fox Drive: (Belgravia Road - Whitemud Drive) [Coordinate with 09-66-1665]
5. 87 Avenue: (165 Street - 175 Street) [Coordinate with 09-66-1665]
6. 119 Street: (108 Avenue - 111 Avenue)

Project Cost Breakdown

| | | |
|-----------------------|----|---------|
| Land | \$ | 1,283 |
| Construction | | 174,653 |
| Design & Construction | | 3,222 |

Last Updated: 09-FEB-2009

\$ 179,158

Transportation

PROGRAM: Roads

PROJECT NAME: Arterial/Primry/Hghwy/Renewl

09-66-1020

- 7. 111 Avenue: (109 Street - 124 Street)
- 8. 107 Avenue: (156 Street - 163 Street)
- 9. 115 Avenue: (80 Street - Fort Road)

2010

- 10. Wayne Gretzky Drive: (101 Avenue - Capilano Bridge)
- 11. 105 Street: (97 Avenue - Jasper Avenue)
- 12. 118 Avenue: (92 Street - 102 Street) [Coordinate with 07-21-5788]
- 13. 28 Avenue: (Youville Drive - Lakewood Road) [Coordinate with 09-66-1665]
- 14. 127 Avenue: (107 Street - 127 Street)
- 15. Fort Road: (129 Avenue - 137 Avenue) [Coordinate with 09-66-1480]
- 16. Meadowlark Road: (87 Avenue - 156 Street)
- 17. 178 Street: (Callingwood Road - 69 Avenue)

2011

- 18. Terwillegar Drive Northbound: (Rabbit Hill Road - Whitemud Drive)
- 19. 170 Street Northbound: (Whitemud Drive - 90 Avenue) [Coordinate with 09-66-1480]
- 20. 118 Avenue: (78 Street - 82 Street) [Coordinate with 07-21-5788]
- 21. Sherwood Park Ramps: (34 Street, 50 Street, Argyll Road) [Primay Hwy]
- 22. 118 Avenue: (163 Street - 170 Street)
- 23. Stony Plain Road: (102 Avenue - 149 Street) [Coordinate with 09-66-1665]
- 24. Connors Road: (92 Street - Scona Road)
- 25. 170 Street: (Callingwood Road - Whitemud Drive)
- 26. 40 Avenue: (Terwillegar Drive Northbound - Riverbend Road)
- 27. 34 Street: (76 Avenue - Sherwood Park Eastbound Ramps)
- 28. Riverbend Road Southbound: (40 Avenue - Reeves Gate)
- 29. Argyll Road: (71 Street - 75 Street)

Additional locations that could be advanced, depending on tender prices and the extent of engineering completed include:

- 30. Yellowhead Trail: (Fort Road - 82 Street) [Primary Hwy]
- 31. 97 Street Northbound: (128 Avenue - 137 Avenue) [Coordinate with 09-66-1665]
- 32. St. Albert: (118 Avenue - Yellowhead Trail)

Justification

Policy F-1 and F-4 of the Transportation Master Plan (1999), Bylaw #11778, that was approved by City Council in April 1999,

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

Last Updated: 09-FEB-2009

Transportation

PROGRAM: Roads

PROJECT NAME: Arterial/Primry/Hghwy/Renewl

09-66-1020

Construction projects, and Bridge Rehabilitation Projects. Increased maintenance funding requirements in the operating budget will be avoided through timely renewal of primary highways/arterials. Crack sealing of roadways will maintain structural capacity and mitigate the effects of frost and water damage.

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.

Impact on Operating:

Operating Impacts are determined by Unfunded Roadway Renewal Needs addressed in Operating Service Packages.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Bridge Rehabilitation

09-66-1040

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|-------|------|------|--------|
| Budget as Approved | - | 6,545 | 25,120 | 7,410 | - | - | 39,075 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 6,545 | 25,120 | 7,410 | - | - | 39,075 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 8,720 | 11,371 | 20,091 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 8,720 | 11,371 | 20,091 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|-------|-------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 545 | 808 | 4,105 | 2,720 | 1,586 | 9,764 |
| Developer Financing | - | | - | - | - | - | 6,000 | - | 6,000 |
| Fuel Rebate | - | | - | 6,000 | 6,500 | 3,305 | - | 6,000 | 21,805 |
| Munc Sustain. Initiative - MSI | - | | - | - | 17,812 | - | - | 3,785 | 21,597 |
| Total Financing | - | | - | 6,545 | 25,120 | 7,410 | 8,720 | 11,371 | 59,166 |

Description

This project provides for the rehabilitation of existing bridges/structures that have reached the end of their life span, in accordance with the Bridge Investment Strategy.

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
- Culvert Replacement at 34 Street / Horse Hills Creek

[Design]

- Dawson Bridge

[Assessment]

- Saskatchewan Drive / East of 107 Street
- 195 Avenue / Horse Hills Creek Bridge

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 7,050 |
| Construction | | 52,116 |

Last Updated: 09-FEB-2009

\$ 59,166

Transportation

PROGRAM: Roads

PROJECT NAME: Bridge Rehabilitation

09-66-1040

- Rossdale Road / McDougall Hill (WB)

2010

[Design]

- Whitemud Drive / 91 Street

[Construction]

- Dawson Bridge

[Assessment]

- Groat Road / Victoria Park Road
- Argyll Road / 82 Avenue (EB)
- Macdonald Drive Pedestrian Overpass

2011

[Construction]

- Whitemud Drive / 91 Street

[Assessment]

- Capilano Drive / 106 Avenue
- Capilano Drive / Ada Boulevard

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.

Justification

Policy F-1 and F-4 of the Transportation Master Plan (TMP), Bylaw #11778, that was approved by City Council in April 1999.

As part of the Bridge Investment Strategy (B.I.S.), all bridge structures are inspected regularly, allowing current condition and deterioration rates to be monitored and assessed. Targets for the Bridge Investment Strategy are currently being developed. The condition of bridges will not decline to a level beyond rehabilitation thus avoiding unsafe bridges.

This project is also coordinated with the Arterial/Primary Highway Renewal/Crack Sealing project.

Impact on Operating:

Operating Impacts are determined by Unfunded Bridge Renewal Needs addressed in

Last Updated: 09-FEB-2009

Transportation

PROGRAM: Roads

PROJECT NAME: Bridge Rehabilitation

09-66-1040

Operating Service Packages.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Alley Renewal

09-66-1050

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,020 | 1,040 | 1,062 | - | - | 3,122 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,020 | 1,040 | 1,062 | - | - | 3,122 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,082 | 1,105 | 2,187 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,082 | 1,105 | 2,187 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| Local Improvements Prop. Share | - | | - | 1,020 | 1,040 | 1,062 | 1,082 | 1,105 | 5,309 |
| Total Financing | - | | - | 1,020 | 1,040 | 1,062 | 1,082 | 1,105 | 5,309 |

Description

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

Justification

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Policy #C433D, put in place by the City Council states that the City will cost share with property owners for alleys through the Local Improvement Assessment.

Current alley renewals are not funded.

Impact on Operating:

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 309 |
| Construction | | 5,000 |

Last Updated: 09-FEB-2009

\$ 5,309

Transportation

PROGRAM: Roads

PROJECT NAME: Alley Renewal

09-66-1050

Operating Impacts are determined by Unfunded Roadway Renewal Needs addressed in Operating Service Packages.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Neighbourhood Renewal Program

09-66-1055

Group-Criteria: A-130 Projects Required To Meet Commitments

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|---------|
| Budget as Approved | - | 62,996 | 70,795 | 69,044 | - | - | 202,835 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 62,996 | 70,795 | 69,044 | - | - | 202,835 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|---------|
| Existing Plan Expenditures | - | - | - | - | 61,958 | 62,570 | 124,528 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 61,958 | 62,570 | 124,528 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|--------|--------|--------|--------|---------|
| - | 62,996 | 70,795 | 69,044 | 61,958 | 62,570 | 327,363 |
|---|--------|--------|--------|--------|--------|---------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 6,446 | 5,759 | 3,284 | 7,961 | 11,458 | 34,908 |
| Local Improvements Prop. Share | - | | - | 5,088 | 6,886 | 5,000 | 4,882 | 4,605 | 26,461 |
| AMIP | - | | - | 27,433 | 31,754 | - | - | - | 59,187 |
| Munc Sustain. Initiative - MSI | - | | - | 24,029 | 26,396 | 60,760 | 49,115 | 46,507 | 206,807 |
| Total Financing | - | | - | 62,996 | 70,795 | 69,044 | 61,958 | 62,570 | 327,363 |

Description

This project provides for the preventative maintenance (slurry seal) and renewal (rehabilitation/reconstruction) of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. Funds are also provided for street lighting rehabilitation, mature tree management, and completion of missing multi-use trail connections. In addition funds are also provided for the mitigation of soft subgrade conditions that exist in the northeast area of the City (the boundary of the mitigation area includes; 50 Street - 82 Street and 153 Avenue - 167 Avenue))

The following Neighbourhoods are proposed for preventative maintenance and renewal. Final locations are dependent on results of assessments, detailed design, and contract tendering:

Neighbourhood overlay locations are also being reviewed for potential inclusion in this program.

2009

- Slurry Seal (Micheals Park, Glengarry, Elmwood, Brookside, Kildare, Quesnell Heights, Forest Heights, Northmount, Kenilworth, Lynnwood)
- Reconstruction (Parkdale, Meadowlark Park, Lendrum Place)

2010

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 500 |
| Design | | 8,171 |
| Construction | | 318,692 |

Last Updated: 09-FEB-2009

\$ 327,363

Transportation

PROGRAM: Roads

PROJECT NAME: Neighbourhood Renewal Program

09-66-1055

- Slurry Seal (Gold Bar, Tipaskan, Riverdale, Beacon Heights, Bergman)
- Reconstruction (Meadowlark Park, Lendrum Place, Rio Terrace, Parkallen, Sherbrooke)

2011

- Slurry Seal (Ritchie Industrial, Kensington, Greenfield)
- Reconstruction (Rio Terrace, Parkallen, Sherbrooke, Woodcroft)

Locations for city-wide collector roadway renewal, neighbourhood rehabilitation, and N.E. Edmonton soft subgrade mitigation roadways are currently under review.

Justification

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Policy #C433D, put in place by the City Council states that the City will cost share with property owners for the renewal of sidewalks 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. 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.

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: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Neighbourhood Renewal Program 2%Tax Levy

09-66-1056

Group-Criteria: A-130 Projects Required To Meet Commitments

Project Manager: Stephenson B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|--------|--------|---------|
| Budget as Approved | - | 15,400 | 31,570 | 48,549 | 66,376 | 85,095 | 246,990 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 15,400 | 31,570 | 48,549 | 66,376 | 85,095 | 246,990 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|--------|--------|--------|--------|---------|
| - | 15,400 | 31,570 | 48,549 | 66,376 | 85,095 | 246,990 |
|---|--------|--------|--------|--------|--------|---------|

| Financing | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| General Financ Neighbor Renewal | - | | - | 15,400 | 31,570 | 48,549 | 66,376 | 85,095 | 246,990 |
| Total Financing | - | | - | 15,400 | 31,570 | 48,549 | 66,376 | 85,095 | 246,990 |

Description

This Project represents a 2% Tax Levy allocation to Neighbourhood Renewal. In coordination with Program 09-66-1055.

This project provides for the preventative maintenance (slurry seal) and renewal (rehabilitation/reconstruction) of roadway base, paving, curbs, gutters, and sidewalks in existing neighbourhoods and collector roadways. Funds are also provided for street lighting rehabilitation, mature tree management, and completion of missing multi-use trail connections. In addition funds are also provided for the mitigation of soft subgrade conditions that exist in the northeast area of the City (the boundary of the mitigation area includes; 50 Street - 82 Street and 153 Avenue - 167 Avenue))

Justification

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Policy #C433D, put in place by the City Council states that the City will cost share with property owners for the renewal of sidewalks and alleys through the Local Improvement Assessment.

The Pavement Investment Strategy (PIS) outlined a plan to stabilize pavement condition ratings in the short term and reach recommended ratings in the long term.

Current funding levels for neighbourhood renewal are 38% of renewal needs, the

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Construction | \$ | 246,990 |
|--------------|----|---------|

Last Updated: 09-FEB-2009

| | |
|----|---------|
| \$ | 246,990 |
|----|---------|

Transportation

PROGRAM: Roads

PROJECT NAME: Neighbourhood Renewal Program 2%Tax Levy

09-66-1056

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: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Operating Yards and Facilities

09-66-1070

Group-Criteria: C-140 Maintenance/Rehabilitation Projects

Project Manager: Belcourt B.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 7,562 | 7,827 | 1,920 | - | - | 17,309 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 7,562 | 7,827 | 1,920 | - | - | 17,309 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 30,800 | 10,813 | 41,613 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 30,800 | 10,813 | 41,613 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|--------|--------|--------|
| - | 7,562 | 7,827 | 1,920 | 30,800 | 10,813 | 58,922 |
|---|-------|-------|-------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|--------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 3,562 | 3,827 | 1,920 | 18,077 | 1,813 | 29,199 |
| Fuel Rebate | - | | - | 4,000 | 4,000 | - | 12,723 | 9,000 | 29,723 |
| Total Financing | - | | - | 7,562 | 7,827 | 1,920 | 30,800 | 10,813 | 58,922 |

Description

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. Southwest District: New Satellite Yard (Construction 2009/2010)

2009/2010

Also includes funding for purchases of 3 sweepers and 12 sanders to address inventory growth and expanded Capital City street cleaning program.

Justification

Policy E-5, and F-2 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 8,463 |
| Construction | | 50,459 |

Last Updated: 09-FEB-2009

\$ 58,922

Transportation

PROGRAM: Roads

PROJECT NAME: Operating Yards and Facilities

09-66-1070

T.A.C.'s winter maintenance operations code of practice for maintenance yards.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675

The winter maintenance operations code of practice will meet Transportation Association of Canada and the Alberta Environmental Protection and Enhancement Act.

Construction of the new Southwest satellite yard is required to support operations addressing the growth experienced in the southwest portion of the City.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Traffic Control Rehabilitation

09-66-1210

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stephenson B.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 952 | 1,363 | 2,385 | - | - | 4,700 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 952 | 1,363 | 2,385 | - | - | 4,700 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,877 | 1,930 | 3,807 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,877 | 1,930 | 3,807 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 452 | 843 | 845 | 317 | 1,340 | 3,797 |
| Fuel Rebate | - | | - | - | - | 1,000 | 1,000 | - | 2,000 |
| Munc Sustain. Initiative - MSI | - | | - | 500 | 520 | 540 | 560 | 590 | 2,710 |
| Total Financing | - | | - | 952 | 1,363 | 2,385 | 1,877 | 1,930 | 8,507 |

Description

This Project Profile includes funding for rehabilitation of aging traffic control infrastructure and the Traffic Management Centre to maintain safe and efficient operation of the existing traffic control infrastructure.

1. Replace aging traffic signal controllers. Traffic controllers have a service life of 10 to 15 years. Numerous controllers have exceeded this life cycle. A total of 350 traffic controllers have been identified for replacement as per ITS (ATMS) report. 2004 was the first year for implementation of TSII traffic controllers.

2. Rehabilitation/replacement of traffic signals equipment that has exceeded its life cycle to ensure a safe and efficient operation. Funding may support signal rehab / replacement for specific locations in conjunction with Capital road projects.

3. The Central Traffic Computer Control System (CRC) was commissioned in 1994. The current CRC must be replaced to accommodate the move towards supporting implementation of new traffic controller technology and will include Transit Signal Priority in support of HST and further ITS initiatives. Replacement of the CRC commenced in 2008 and was funded in the 2008 Program.

4. Replace aging overhead sign structures and accompanying wood signs. In conjunction with the Office of Infrastructure, the City has assessed the condition of the Overhead Guide sign infrastructure. There are just over 300 overhead sign structures of which approximately 55 are made of wood and installed on structures which were not galvanized. These structures and accompanying signs are in either D or F condition and are near the end or past their service life.

Project Cost Breakdown

| | | |
|---------------|----|-------|
| Materials | \$ | 400 |
| Consultant | | 278 |
| Contract Work | | 7,829 |

Last Updated: 22-JAN-2009

\$ 8,507

Transportation

PROGRAM: Roads

PROJECT NAME: Traffic Control Rehabilitation

09-66-1210

Justification

TMP Strategic Goal C: Make effective and efficient use of the Transportation Systems.

TMP Strategic Goal F: Develop, operate and maintain the Transportation System in a safe and serviceable manner.

TMP Policy F4: Given high priority to the preservation, maintenance and repair of existing Transportation facilities in order to avoid or defer the need for costly infrastructure replacement.

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

This will require annual funding of approximately \$85K to \$100K to replace the structures and signs over a 10 year period.

Change of Scope

This program also now includes the rehabilitation and replacement of approximately 20% (55) of the City's Overhead Guide Sign Structures. These structures have been identified through a condition assesment in conjunction with Office Of Infrastructure's programs.

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

Completion Year: 2018 Total Project Costs: \$18,962 Expenditures Beyond CPP Period: \$10,455

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Traffic Safety Engineering Measures

09-66-1220

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Stephenson B.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase traffic safety

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 2,858 | 2,738 | 2,999 | - | - | 8,595 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,858 | 2,738 | 2,999 | - | - | 8,595 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,220 | 2,270 | 4,490 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,220 | 2,270 | 4,490 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,618 | 698 | 1,799 | 480 | 1,030 | 5,625 |
| Developer Financing | - | | - | 1,240 | 1,040 | 1,200 | 1,240 | 1,240 | 5,960 |
| Fuel Rebate | - | | - | - | 1,000 | - | 500 | - | 1,500 |
| Total Financing | - | | - | 2,858 | 2,738 | 2,999 | 2,220 | 2,270 | 13,085 |

Description

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, signs & 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 travelling 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

Project Cost Breakdown

| | | |
|-----------------|----|-------|
| Consulting | \$ | 500 |
| Contract Work | | 8,679 |
| Const. & Design | | 3,906 |

Last Updated: 22-JAN-2009

\$ 13,085

Transportation

PROGRAM: Roads

PROJECT NAME: Traffic Safety Engineering Measures

09-66-1220

safe pedestrian & vehicle operation. Additionally, this will include signage upgrades required to conform to new "TAC" guidelines.

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.

Justification

TMP Strategic Goal A: To develop and maintain an integrated system of roadways, public transit, pedestrian and bicycle facilities and services to support and enhance Edmonton as a growing, vibrant and culturally diverse city in which people choose to live, work, learn, and play.

TMP Strategic Goal C: Make effective and efficient use of the Transportation System.

TMP 2.2.6: Residential street traffic calming

Corporate Business Plan Strategic Goal 3.2: Planned Growth.

Construction of school drop-off bays is cost-shared 50% City/50% school board (with the Edmonton Public and Separate School Boards) as approved by City Council on June 10, 1992.

This program is also inline with Council's recently updated Strategic Goals as follows:

Ten-year strategic goal:

Shifting Edmonton's Transportation Modes:

Three-year priority goals:

1. Increase transit ridership;
2. Ensure transit sustainability through appropriate cost recovery ratio.
3. Reduce barriers to the use of different modes of transportation;
4. Increase traffic safety;
5. Select and remedy high congestion areas to ensure through put around and through the city.

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

The projects and corresponding funding from the 2008 1220 and 1230 Programs are now consolidated into the 1220 Program for 2009 forward.

Change of Scope

This program is now a consolidation of the 2008 1220 and 1230 Programs. Program 1220 now contains the Neighborhood Traffic Calming, School Drop Off and Pedestrian Circulation Safety Measures which were formerly in Program 1230.

Last Updated: 22-JAN-2009

Transportation

PROGRAM: Roads

PROJECT NAME: Traffic Safety Engineering Measures

09-66-1220

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Services | 74 | - | - | - | - |
| Total Impact | 74 | - | - | - | - |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Integrated Speed Equipment Section

08-66-1225

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Stephenson B.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase traffic safety

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | 3,900 | 3,000 | 5,000 | 5,000 | - | - | 16,900 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,900 | 3,000 | 5,000 | 5,000 | - | - | 16,900 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 5,000 | 3,680 | 8,680 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 5,000 | 3,680 | 8,680 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| Other | - | | 3,900 | 3,000 | 5,000 | 5,000 | 5,000 | 3,680 | 25,580 |
| Total Financing | - | | 3,900 | 3,000 | 5,000 | 5,000 | 5,000 | 3,680 | 25,580 |

Description

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 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 updateing the ticket processing systems within the City which are required for the processing of fines and summonses associated with operation of the Automated Enforcement programs of the Edmonton Police Service.

This program also 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.

Justification

In 2007 City Council approved a service delivery model for automated enforcement which would have the City take over control and operations of the overall system including fine processing, equipment procurement, infrastructure installation, location selection and program evaluation with the actual enforcement component operated through EPS.

To maintain an equivalent level of automated traffic enforcement in year one of the transition from the current delivery model to the recommended delivery model there will be a requirement for approximately \$1.7 million of additional funding. At current enforcement levels it is projected this additional funding would be fully recovered by year two. For every year following, the recommended delivery model is estimated to operate at cost savings to the City of

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Software | \$ | 1,300 |
| Equipment | | 24,280 |

Last Updated: 17-FEB-2009

\$ 25,580

Transportation

PROGRAM: Roads

PROJECT NAME: Integrated Speed Equipment Section

08-66-1225

approximately \$2.2 million each year.

This program falls within the following Council goals:

Ten-year strategic goal:

Shifting Edmonton's Transportation Modes:

Three-year priority goals:

1. Increase transit ridership;
2. Ensure transit sustainability through appropriate cost recovery ratio.
3. Reduce barriers to the use of different modes of transportation;
4. Increase traffic safety;
5. Select and remedy high congestion areas to ensure through put around and through the city.

Source of Estimates Conceptual: +/- 50%

Change from Previous Approval

Funding from 04-18-0337 FINES System Replacement (\$200K in 2011) and 06-18-0411 FINES Electronic Tickets (\$100K in 2009) are now transferred into the 08-66-1225 Integrated Speed Equipment Program.

Change of Scope

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.

Last Updated: 17-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Transit Safety & Security Improvements

09-66-1240

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Stolte C.

Outcome: Improve Edmonton's Livability

Focus: Reduce/prevent crime (transit, dtwn, communities)

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 8,834 | 2,570 | 1,611 | - | - | 13,015 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 8,834 | 2,570 | 1,611 | - | - | 13,015 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-------|
| Existing Plan Expenditures | - | - | - | - | 952 | 981 | 1,933 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 952 | 981 | 1,933 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 960 | 70 | 611 | 952 | 293 | 2,886 |
| Fuel Rebate | - | | - | 3,000 | - | 1,000 | - | 688 | 4,688 |
| Federal Grant | - | | - | 1,174 | - | - | - | - | 1,174 |
| Munc Sustain. Initiative - MSI | - | | - | 3,700 | 2,500 | - | - | - | 6,200 |
| Total Financing | - | | - | 8,834 | 2,570 | 1,611 | 952 | 981 | 14,948 |

Description

This Project contains the capital funding for major Transit security initiatives related to the safety and security of the Transit system, its customers and employees.

Major planned projects for 2009-2011 include:

- life cycle replacements of the CCTV and security systems in Bus Terminals and Bus cameras
- Pedway security upgrade
- Relocation of the ETS Control Centre to accommodate growth in the Bus and LRT systems
- initiatives in response to the 2004 Transit Security Audit recommendations

Justification

Items in this composite project are initiatives required to increase the level of safety and security of the Transit system, its customers and employees.

The project reflects Council's initiative to Improve Edmonton's Liveability with a focus on Reducing and Preventing Crime on Transit.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 4,083 |
| Equipment | | 7,965 |
| Construction | | 2,900 |

Last Updated: 22-JAN-2009

\$ 14,948

Transportation

PROGRAM: Transit

PROJECT NAME: Transit Safety & Security Improvements

09-66-1240

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.

Impact on Operations

2009 2010 2011 2012 2013

| | | | | | |
|---------------------|----|----|----|---|---|
| General Maintenance | 96 | 45 | 44 | - | - |
| Total Impact | 96 | 45 | 44 | - | - |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Street Lighting Rehabilitation

09-66-1260

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Stephenson B.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 1,468 | 4,207 | 8,094 | - | - | 13,769 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,468 | 4,207 | 8,094 | - | - | 13,769 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 8,202 | 8,298 | 16,500 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 8,202 | 8,298 | 16,500 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 1,468 | 4,207 | 8,094 | 8,202 | 8,298 | 30,269 |
|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 453 | 463 | 1,764 | 587 | 1,983 | 5,250 |
| Local Improvements Prop. Share | - | | - | 15 | 15 | 115 | 100 | 100 | 345 |
| Fuel Rebate | - | | - | 1,000 | 1,061 | - | 1,300 | - | 3,361 |
| Munc Sustain. Initiative - MSI | - | | - | - | 2,668 | 6,215 | 6,215 | 6,215 | 21,313 |
| Total Financing | - | | - | 1,468 | 4,207 | 8,094 | 8,202 | 8,298 | 30,269 |

Description

This Project Profile focuses on the Major Arterial Network and includes funding for rehabilitation and replacement of existing & installation of new street lighting and walkway lighting.

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) & therefore must be replaced. Failure to complete this program potentially has impacts to the Operating & 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.

2. Enhance lighting conditions at intersections along arterial, collector, & 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 & has continued since to enhance early identification, safety & awareness of pedestrians. This project also includes luminaire replacement at various arterial corridors to increase lighting and meet recommended TAC lighting level guidelines.

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.

4. Quality Assurance Control and Condition Analysis: The Q&A program ensures

Project Cost Breakdown

| | | |
|---------------|----|--------|
| Consultant | \$ | 1,150 |
| Contract Work | | 29,119 |

Last Updated: 22-JAN-2009

\$ 30,269

Transportation

PROGRAM: Roads

PROJECT NAME: Street Lighting Rehabilitation

09-66-1260

equipment received complies to specifications and includes inspection during pole manufacturing & prior to shipping & galvanizing process. Sustained five-year condition analysis and inspection of existing infrastructure for structural integrity is also completed.

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.

Justification

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.

TMP Strategic Goal A: To develop and maintain an integrated system of roadways, public transit, pedestrian and bicycle facilities and services to support and enhance Edmonton as a growing, vibrant and culturally diverse city in which people choose to live, work, learn and play.

Corporate Business Plan Strategic Goals 3.4: Infrastructure and Physical Environment, Strategic Initiatives.

Plan Edmonton Strategy 4.1.5: Meet accepted standards for provision and maintenance of infrastructure while minimizing cost.

Project Profile Funding Allocation

Street Lighting Rehabilitation - \$1,594K

Pedestrian Circulation System Safety Measures (Walkway Lighting) - \$24K

Developer Projects - \$15K

Source of Estimates Preliminary Design: +/- 30%

Change from Previous Approval

An increase in the number of poles replaces along with corresponding funding to complete the rehabilitation work.

Change of Scope

In conjunction with the Office of Infrastructure review of City infrastructure assets, the Street Lighting rehabilitation Program will be supplemented with the addition of MSI funding in 2010. This will allow the City to replace more deteriorated poles on an annual basis.

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: LRT Fleet, Facilities & Equipment Rehab

09-66-1270

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|-------|------|------|--------|
| Budget as Approved | - | 10,574 | 6,310 | 6,375 | - | - | 23,259 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 10,574 | 6,310 | 6,375 | - | - | 23,259 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 6,893 | 10,492 | 17,385 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 6,893 | 10,492 | 17,385 |

TOTAL CAPITAL**EXPENDITURE PLAN**

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|-------|-------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 974 | 908 | 875 | 1,085 | 492 | 4,334 |
| Fuel Rebate | - | | - | 4,600 | 1,000 | 3,000 | 4,000 | - | 12,600 |
| Munc Sustain. Initiative - MSI | - | | - | 5,000 | 4,402 | 2,500 | 1,808 | 10,000 | 23,710 |
| Total Financing | - | | - | 10,574 | 6,310 | 6,375 | 6,893 | 10,492 | 40,644 |

Description

This Project contains the capital funding for general rehabilitation and upgrades to the LRT system (comprising major facilities, track & right-of-way, fleet, auxiliary equipment, communications systems, signals system, line electrification system, shop equipment and fare collection equipment).

Major planned infrastructure projects for 2009-2011 include:

- repairs to corroded structural, electrical and mechanical components in the LRT stations, including structural repairs to the Coliseum Station platform,
- replacement of LRT Station escalators (approaching failure condition),
- provision of an electronic passenger information system in existing stations to meet the standard provided on the south LRT leg,
- expansion of the fibre optic communication line between Churchill and Clareview to meet the communication standard provided for the remainder of the LRT line,
- purchase of additional auxiliary equipment (snow blower, snow removal car, and insulated man lift) to meet the maintenance requirements for the SLRT extension,
- replacement of LRT grade crossings and track sections approaching failure condition.

Justification

Items in this composite project are remedial actions required to maintain the safety and operating efficiency (reliability and serviceability) of the LRT system.

Without adequate funding in 2009-2011, the following impacts are expected:

Project Cost Breakdown

| | | |
|-----------------------|----|--------|
| Equipment | \$ | 5,576 |
| Design & Construction | | 35,068 |

Last Updated: 22-JAN-2009

\$ 40,644

Transportation

PROGRAM: Transit

PROJECT NAME: LRT Fleet, Facilities & Equipment Rehab

09-66-1270

- 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%

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|--------|
| Budget as Approved | - | 5,000 | 5,000 | - | - | - | 10,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,000 | 5,000 | - | - | - | 10,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|---|---|---|--------|
| - | 5,000 | 5,000 | - | - | - | 10,000 |
|---|-------|-------|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|------------------------------|----------------|-------------|-------|-------|------|------|------|--------|
| NDPT-New Deal Public Transit | - | - | 5,000 | 5,000 | - | - | - | 10,000 |
| Total Financing | - | - | 5,000 | 5,000 | - | - | - | 10,000 |

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

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:

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,500 |
| Equipment | | 4,000 |
| Construction | | 4,500 |

Last Updated: 22-JAN-2009

\$ 10,000

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|-------|------|------|--------|
| Budget as Approved | 18,532 | 15,038 | 1,584 | 4,200 | - | - | 39,354 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 18,532 | 15,038 | 1,584 | 4,200 | - | - | 39,354 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,101 | 1,157 | 2,258 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,101 | 1,157 | 2,258 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 1,941 | - | - | - | 1,101 | 1,157 | 4,199 |
| Other | - | | - | 8,416 | - | - | - | - | 8,416 |
| Fuel Rebate | - | | 1,091 | - | 1,584 | 4,200 | - | - | 6,875 |
| NDCC-Federal Gas Tax Rev Share | - | | - | - | - | - | - | - | - |
| NDPT-New Deal Public Transit | - | | 15,500 | 6,622 | - | - | - | - | 22,122 |
| Total Financing | - | | 18,532 | 15,038 | 1,584 | 4,200 | 1,101 | 1,157 | 41,612 |

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

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 \$ 41,612

Last Updated: 22-JAN-2009

\$ 41,612

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 focused on improving safety of both passengers and operation of the equipment.

Source of Estimates Award: +/- 10%

Change of Scope

With the availability of Federal Public Transit Trust Funds, upgrades to the communications systems on the U2 fleet was possible.

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

Completion Year: 2014 Total Project Costs: \$28,626 Expenditures Beyond CPP Period: -\$12,986

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 20 | 40 | 40 | 40 | - |
| Total Impact | 20 | 40 | 40 | 40 | - |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Bus Fleet Replacement

09-66-1281

Group-Criteria: A-130 Projects Required To Meet Commitments

Project Manager: Stolte C.

Outcome: Transform Edmonton's Urban Form

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|-------|------|------|--------|
| Budget as Approved | - | 2,708 | 32,152 | 8,229 | - | - | 43,089 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,708 | 32,152 | 8,229 | - | - | 43,089 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 7,223 | 5,952 | 13,175 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 7,223 | 5,952 | 13,175 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 708 | 1,791 | 437 | 923 | 952 | 4,811 |
| Fuel Rebate | - | | - | - | 18,761 | 3,792 | 2,300 | - | 24,853 |
| Munc Sustain. Initiative - MSI | - | | - | 2,000 | 11,600 | 4,000 | 4,000 | 5,000 | 26,600 |
| Total Financing | - | | - | 2,708 | 32,152 | 8,229 | 7,223 | 5,952 | 56,264 |

Description

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

- * Increase service reliability and avoid considerable maintenance cost
- * Offers the potential to reduce greenhouse gas emissions
- * Presents a safe, clean, modern bus fleet image to improve Customer

service and increase ridership.

On June 18th, 2008 City Council directed the administration to phase out the trolley system. This project will also include the replacement of 47 trolleys by Diesel Hybrid Buses as directed by Council in their decision to phase out the Trolley Bus System.

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.

Justification

Failure to provide these new buses in a timely fashion increases the maintenance

Project Cost Breakdown

| | | |
|-----------|----|--------|
| Equipment | \$ | 56,264 |
|-----------|----|--------|

Last Updated: 22-JAN-2009

| | |
|----|--------|
| \$ | 56,264 |
|----|--------|

Transportation

PROGRAM: Transit

PROJECT NAME: Bus Fleet Replacement

09-66-1281

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.

This project reflects the Transportation Department's priority to maintain infrastructure in a State of Good Repair & Safety.

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.

Source of Estimates Detailed Design: +/- 20%

Change from Previous Approval

Replacement buses were previously addressed in project 07-66-1410.

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 5,196 | 4,476 | - | - | - | - | 9,672 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 5,196 | 4,476 | - | - | - | - | 9,672 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 5,196 | 4,476 | - | - | - | - | 9,672 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 337 | 976 | - | - | - | - | 1,313 |
| Fuel Rebate | - | | 4,859 | 3,500 | - | - | - | - | 8,359 |
| Total Financing | - | | 5,196 | 4,476 | - | - | - | - | 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

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.

Source of Estimates Detailed Design: +/- 20%

Project Cost Breakdown

| | | |
|--------------------|----|-------|
| Design | \$ | 696 |
| Equipment | | 7,188 |
| Installation costs | | 1,788 |

Last Updated: 22-JAN-2009

\$ 9,672

Transportation

PROGRAM: Transit

PROJECT NAME: ETS Radio System Replacement

06-66-1291

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| General Maintenance | 40 | 100 | 100 | - | - |
| Total Impact | 40 | 100 | 100 | - | - |

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | - | - | - | - | 200 | 200 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | - | - | - | 200 | 200 |

| FUNDING EARMARKED FOR FUTURE EXPENDITURES | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
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|----------------------------|---|---|---|---|---|---|---|
| Existing Plan Expenditures | - | - | - | - | - | - | - |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | - | - | - |

TOTAL CAPITAL EXPENDITURE PLAN

| | | | | | | |
|---|---|---|---|---|-----|-----|
| - | - | - | - | - | 200 | 200 |
|---|---|---|---|---|-----|-----|

| | | | | | | | | | |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
| Financing | | | | | | | | | |
| General Financing | - | | - | - | - | - | - | 200 | 200 |
| Total Financing | - | | - | - | - | - | - | 200 | 200 |

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

| | | | | | |
|------------------|------|----------------------|----------|---------------------------------|----------|
| Completion Year: | 2017 | Total Project Costs: | \$17,495 | Expenditures Beyond CPP Period: | \$17,295 |
|------------------|------|----------------------|----------|---------------------------------|----------|

| Project Cost Breakdown | | |
|------------------------|----|-----|
| Contract Work | \$ | 200 |
| | | |
| | | |
| | \$ | 200 |

Last Updated: 17-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Bus Facilities & Equipment Rehab

09-66-1410

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 2,110 | 3,322 | 4,749 | - | - | 10,181 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 2,110 | 3,322 | 4,749 | - | - | 10,181 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 4,377 | 4,294 | 8,671 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 4,377 | 4,294 | 8,671 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 2,110 | 3,322 | 4,749 | 4,377 | 4,294 | 18,852 |
|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 537 | 322 | 849 | 377 | 1,294 | 3,379 |
| Fuel Rebate | - | | - | 1,573 | 3,000 | 3,900 | 4,000 | 3,000 | 15,473 |
| Total Financing | - | | - | 2,110 | 3,322 | 4,749 | 4,377 | 4,294 | 18,852 |

Description

This project contains the funded capital portion for the core maintenance, rehabilitation and improvement of ETS bus terminals, bus shelters, dedicated bus control systems and operations/support areas. Specific elements and initiatives include the placement of accessible shelters on low floor bus routes, slab replacement for deteriorated bus ways at transit centres and rehabilitation of structures at Transit facilities and garages.

Major planned projects in 2009 to 2013 include:

- Repairs and replacement of deteriorated bus stop and shelter pads
- Ongoing accessibility modification to existing shelters
- Minor bus garage leasehold improvements
- Repairs to corroded, spalling and unstable concrete slabs at Transit Centres
- Refurbishing Jasper Place Transit Centre facility

Justification

Items in this composite project are remedial actions required to maintain the safety and operating efficiency, reliability and serviceability of the Bus Facilities and Equipment.

Without adequate funding, the following facility impacts are expected:

- Future repair costs for bus pads and stops will increase exponentially
- An increase in legal actions against the city due to deteriorated and failed infrastructure.
- Patrons with disabilities will continue to have major difficulties utilizing public transportation

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Equipment | \$ | 4,464 |
| Construction | | 14,388 |

Last Updated: 22-JAN-2009

\$ 18,852

Transportation

PROGRAM: Transit

PROJECT NAME: Bus Facilities & Equipment Rehab

09-66-1410

- Operational costs will increase due to inefficiencies and loss of productivity
- Slab replacements and structural rehabilitation of bus facilities and busways are required to ensure continued servicability 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 focussing on strategic investment in infrastructure identified in the LRFP requiring rehabilitation in order to ensure it remains operational.

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Trolley System Decommissioning

09-66-1411

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|-------|------|------|-------|
| Budget as Approved | - | 4,000 | 292 | 2,000 | - | - | 6,292 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,000 | 292 | 2,000 | - | - | 6,292 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-----|-------|---|---|-------|
| - | 4,000 | 292 | 2,000 | - | - | 6,292 |
|---|-------|-----|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 605 | 292 | 259 | - | - | 1,156 |
| Fuel Rebate | - | | - | 3,395 | - | 1,741 | - | - | 5,136 |
| Total Financing | - | | - | 4,000 | 292 | 2,000 | - | - | 6,292 |

Description

This project contains the funded capital portion for the decommissioning of the trolley system in phases from 2009 to 2011. The project also contains funds to maintain safety critical equipment and infrastructure required to keep the system running in a safe manner until such time as the system is fully decommissioned.

Justification

The decommissioning of the trolley is a directive from council (June 18/08 Council Meeting). The items in this project are selected as the minimum actions necessary to safely phase out the trolley traction power system.

Failure to maintain the safety critical equipment and infrastructure will result in an increased risk of failure, potentially placing public safety at risk, and interrupting Transit service.

The trolley system will be fully decommissioned by 2010. Actual removal of equipment will occur in phases from 2009 to 2011. During this period of time, maintenance of safety critical equipment and infrastructure is still required to keep the system in a safe state.

This project supports Council's initiative to Transform Edmonton's Urban Form with a focus on strategic investments in infrastructure identified in the LRFP.

Change of Scope

Project Cost Breakdown

Contract Work \$ 6,292

Last Updated: 22-JAN-2009

\$ 6,292

Transportation

PROGRAM: Transit

PROJECT NAME: Trolley System Decommissioning

09-66-1411

The Trolley system shall be fully decommissioned by 2010. Actual removal of equipment will occur in phases from 2009 to 2011. During this period of time maintenance of safety critical equipment and infrastructure required to keep the system running in a safe manner is still required. Decision by Council at their June 18/08 meeting.

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|---------|---------|------|------|
| Contract | (180) | (930) | (1,053) | - | - |
| Utilities | (30) | (70) | - | - | - |
| Total Impact | (210) | (1,000) | (1,053) | - | - |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Transp Computer Equipment/Applications

09-66-1420

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Beecher B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | 367 | 1,978 | 1,957 | - | - | 4,302 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 367 | 1,978 | 1,957 | - | - | 4,302 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,254 | 1,771 | 3,025 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,254 | 1,771 | 3,025 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-------|-------|-------|-------|-------|
| - | 367 | 1,978 | 1,957 | 1,254 | 1,771 | 7,327 |
|---|-----|-------|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|-------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 367 | 1,978 | 1,957 | 1,254 | 1,771 | 7,327 |
| Total Financing | - | | - | 367 | 1,978 | 1,957 | 1,254 | 1,771 | 7,327 |

Description

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

| | | |
|-------------------------|----|-------|
| Hardware / Software | \$ | 4,927 |
| Application Development | | 2,400 |

Last Updated: 22-JAN-2009

\$ 7,327

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

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.

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|--------------|------|------|------|------|------|
| Contract | - | 80 | - | - | - |
| Total Impact | - | 80 | - | - | - |

Last Updated: 22-JAN-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 3,500 | 142 | - | - | - | - | 3,642 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,500 | 142 | - | - | - | - | 3,642 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-----|---|---|---|---|-------|
| 3,500 | 142 | - | - | - | - | 3,642 |
|-------|-----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 700 | 142 | - | - | - | - | 842 |
| Fuel Rebate | - | | 2,800 | - | - | - | - | - | 2,800 |
| Total Financing | - | | 3,500 | 142 | - | - | - | - | 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

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 focussing on the reduction of barriers to use of the DATS and Transit system through the automation of the scheduling function of DATS patrons.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------------|----|-------|
| Design | \$ | 700 |
| Construction | | 2,442 |
| Computer Equipment | | 500 |

Last Updated: 22-JAN-2009

\$ 3,642

Transportation

PROGRAM: Transit

PROJECT NAME: DATS Computer System

06-66-1423

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Contract | 65 | - | - | - | - |
| Services | - | 105 | 14 | - | - |
| Total Impact | 65 | 105 | 14 | - | - |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Sidewalk, Multiuse Trails, Bike Paths - Growth

09-66-1430

Group-Criteria: A-135 Projects Primarily Related To Safety

Project Manager: Belcourt B.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Reduce barriers to use of different transp mode

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 5,231 | 5,756 | 6,165 | - | - | 17,152 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,231 | 5,756 | 6,165 | - | - | 17,152 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,845 | 1,954 | 3,799 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,845 | 1,954 | 3,799 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,581 | 2,106 | 2,565 | 1,845 | 1,954 | 10,051 |
| Local Improvements Prop. Share | - | | - | 50 | 50 | - | - | - | 100 |
| Munc Sustain. Initiative - MSI | - | | - | 3,600 | 3,600 | 3,600 | - | - | 10,800 |
| Total Financing | - | | - | 5,231 | 5,756 | 6,165 | 1,845 | 1,954 | 20,951 |

Description

This project provides for the design and construction of facilities to improve accessibility and safety for non-motorized modes including: sidewalks, multi-use facilities, wooden walks/stairways, and curb ramps.

Multi-Use Facilities and sidewalks: To enhance and expand Edmonton's multi-use trail network in accordance with the priorities identified in the Multi-use Trail Corridor Study. This program addresses safety concerns with existing facilities, and provides new and improved connections for the overall system continuity. The network accommodates both commuting and recreational transportation needs. 2009/2011 locations to be determined.

Curb Ramps: To provide curb ramps at the corners of all roadways. Priority locations for the curb ramp improvements are based on requests by users, ensuring locations that pose the greatest safety risk to users are addressed first. Locations adjacent to pedestrian facilities and/or low floor bus routes are also given priority. 2009/2011 locations to be determined.

Wooden Sidewalks/Stairways: Provide and maintain safe continuous connections in the river valley and ravines.

The following locations are being evaluated based on the prioritization process:

1. South side of Ada Boulevard & 71 Street
2. 84 Avenue & 96 Street

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 355 |
| Construction | | 20,596 |

Last Updated: 09-FEB-2009

\$ 20,951

Transportation

PROGRAM: Roads

PROJECT NAME: Sidewalk,MultiuseTrails,BikePaths-Growth

09-66-1430

3. Beside 9106 - 98 Street
4. South east corner of 105 Street Bridge
5. South east corner of Groat Road
6. South east High Level Bridge to Kinsmen
7. Ezio Farone to Fort Way
8. South east corner of 100 Avenue and 102 Street
9. 94 Street & 100 A Avenue
10. 93 Street south of Rowland Road
11. 101 A Avenue east of 93 Street
12. Mayfield Road south of 109 Avenue

Justification

Policy A-4, A-5 and A-6 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

The benefits of this program include: support of alternative modes of transportation, including walking, cycling, and public transit, and the resulting environmental benefits; improved quality of life and health benefits for all citizens, including mobility-challenged; economic benefits associated with increased accessibility.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Last Updated: 09-FEB-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|-------|------|-------|
| Budget as Approved | 438 | - | - | - | 1,706 | - | 2,144 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 438 | - | - | - | 1,706 | - | 2,144 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|---|---|---|-------|---|-------|
| 438 | - | - | - | 1,706 | - | 2,144 |
|-----|---|---|---|-------|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|-------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 438 | - | - | - | - | - | 438 |
| Other | - | | - | - | - | - | 1,706 | - | 1,706 |
| Total Financing | - | | 438 | - | - | - | 1,706 | - | 2,144 |

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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 1,088 |
| Construction | | 1,706 |

Last Updated: 22-JAN-2009

\$ 2,794

Transportation

PROGRAM: Roads

PROJECT NAME: 105 Avenue Multi-Use Trail

06-66-1432

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 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%

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Arterial Network Improvements

09-66-1440

Group-Criteria: B-510 Projects To Remove Existing Servicing Constraints

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|--------|------|------|--------|
| Budget as Approved | - | 36,475 | 9,138 | 41,689 | - | - | 87,302 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 36,475 | 9,138 | 41,689 | - | - | 87,302 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 12,800 | 23,890 | 36,690 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 12,800 | 23,890 | 36,690 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,644 | 868 | 6,534 | 1,530 | 1,120 | 11,696 |
| Local Improvements Prop. Share | - | | - | 1,472 | - | 7,339 | - | - | 8,811 |
| Fuel Rebate | - | | - | 27,000 | 500 | 17,816 | 6,500 | 18,000 | 69,816 |
| Munc Sustain. Initiative - MSI | - | | - | 6,359 | 7,770 | 10,000 | 4,770 | 4,770 | 33,669 |
| Total Financing | - | | - | 36,475 | 9,138 | 41,689 | 12,800 | 23,890 | 123,992 |

Description

This project provides for improvements and upgrades of arterial roadways to facilitate movement of traffic, address safety concerns, remove traffic congestion, accommodate developing residential, commercial/industrial areas, and to undertake the final overlay of asphalt pavement two to five years after construction. In addition funding is also provided for land acquisition and construction of noise abatement structures and the installation of traffic signal operation enhancements.

The following locations are proposed. Final locations are dependent on results of assessments, detailed design, and contract tendering:

2009

1. 137 Avenue: (142 Street - 156 Street) [Widen to 6 lanes]
2. 137 Avenue: (136 Street - 149 Street) [CN Underpass]

2010

3. 112 Avenue: (82 Street) [Intersection widening]
4. 112 Avenue: (79 Street) [Intersection widening]

2011

5. Rabbit Hill Road: (23 Avenue - Terwillegar Drive) [Widen to 4 lanes]
6. Rabbit Hill Road: (Terwillegar Drive - Riverbend Road) [Widen to 4 lanes]
7. 142 Street: (137 Avenue - 153 Avenue) [First 2 lanes]

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 313 |
| Design | | 14,830 |
| Construction | | 108,849 |

Last Updated: 17-FEB-2009

\$ 123,992

Transportation

PROGRAM: Roads

PROJECT NAME: Arterial Network Improvements

09-66-1440

8. 153 Avenue: (139 Street - 142 Street) [First 2 lanes]

Justification

Policy B-6, and C-1 through C-7 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Residential and commercial developments increase the traffic demand on the adjacent arterial road network. Upgrades are required to maintain these roadways in good operating condition and/or to alleviate traffic congestion problems.

Application of final lift of pavement on new roads two to five years after construction is necessary to complete staged construction and to restore the new roadway's smooth riding surface subsequent to uneven settlement due to ground conditions.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Last Updated: 17-FEB-2009

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: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|-------|------|------|---------|
| Budget as Approved | 40,000 | 75,000 | 82,340 | 4,420 | - | - | 201,760 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 40,000 | 75,000 | 82,340 | 4,420 | - | - | 201,760 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|--------|--------|-------|------|------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 10,000 | 1,720 | 4,420 | - | - | 16,140 |
| Fuel Rebate | - | | - | - | 15,620 | - | - | - | 15,620 |
| Tax-Supported Debt | - | | 40,000 | 65,000 | 65,000 | - | - | - | 170,000 |
| Total Financing | - | | 40,000 | 75,000 | 82,340 | 4,420 | - | - | 201,760 |

Description

This project provides for the widening and rehabilitation of the Quesnell Bridge over the North Saskatchewan River and Whitemud Bridge over Fox Drive in 2008/10. This project will also include the widening of Whitemud Drive to six (6) continuous lanes and associated auxiliary lanes between 149 Street and 53 Ave.

The following items are proposed from 2008 to 2011:

1. Widening and rehabilitation of the Quesnell Bridge over the North Saskatchewan River and Whitemud Bridge over Fox Drive (Construction 2008/2011).

2. Widening and rehabilitation of Whitemud Drive to six (6) continuous lanes and associated auxiliary lanes between 149 Street and 53 Avenue (Construction 2008/09/10).

3. Reconstruction of the retaining walls along the Whitemud corridor between 149 Street and 53 Avenue (Construction 2008).

All design costs have been previously accounted in Council approved project 03-66-1461 (Whitemud/Terwillegar Stage 1)

The expected life of the asset is 25 to 30 years. Tax supported Debt would have a debenture term of up to 25 years.

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Construction | \$ | 201,760 |
|--------------|----|---------|

Last Updated: 09-FEB-2009

| | |
|----|---------|
| \$ | 201,760 |
|----|---------|

Transportation

PROGRAM: Roads

PROJECT NAME: Whitemud Drive/Quesnell Bridge Rehab/Grw

08-66-1462

Justification

Policy B-3 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Whitemud Drive between 75 Street and 170 Street has been designated as the southerly leg of the City's Inner Ring Loop as defined in the Transportation Master Plan.

Whitemud Drive between 53 Avenue and 149 Street is currently operating at capacity during the peak hours, with two continuous lanes in each direction. Deck replacement and girder strengthening is recommended to extend the service life of the Quesnell Bridge to 50 years. Reconstruction of the Whitemud Bridge over Fox Drive is recommended, as deck rehabilitation is no longer cost effective.

Justification for this project is also coordinated with the Bridge Rehabilitation Program (019-66-1040) and the Arterial / Primary Highway Renewal / Cracksealing (09-66-1020)

Impact on Operating

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service packages.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Primary/Secondary Highway Connectors

07-66-1480

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Koziol M.

Outcome: Other - TEMPORARY

Focus: Other - TEMPORARY

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|--------|
| Budget as Approved | 29,101 | - | - | - | - | - | 29,101 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 29,101 | - | - | - | - | - | 29,101 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | | |
|--------|---|---|---|---|---|---|--------|
| 29,101 | - | - | - | - | - | - | 29,101 |
|--------|---|---|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 2,839 | - | - | - | - | - | 2,839 |
| Fuel Rebate | - | | 8,278 | - | - | - | - | - | 8,278 |
| AMIP | - | | 17,984 | - | - | - | - | - | 17,984 |
| Total Financing | - | | 29,101 | - | - | - | - | - | 29,101 |

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:

- 170 Street: (95 Avenue - 100 Avenue)[Upgrades, coordinated with 07-66-1020] construction in 2007, final overlay in 2009.
- Whitemud Drive / 17 Street Interchange. Design 2007, construction 2010/2011, final overlay in 2013.
- Yellowhead Trail / 156 Street Interchange. Final overlay in 2008.
- Fort Road: (66 Street - 129 Avenue) [Widen to 6 lanes, land acquisition, and relocation of Belvedere Park & Ride Lot, coordinated with 07-66-1020] Completion of land acquisition 2007, construction 2007/2008, final overlay in 2010.
- Yellowhead Trail: (Yellowhead Trail - 121 Street) [Add 3rd northbound left turn] Construction in 2007, final overlay in 2009.
- 170 Street: (Whitemud Drive - 90 Avenue) [Widen to 4 southbound lanes, coordinate with 07-66-1020] Construction in 2008, final overlay in 2010.
- Yellowhead Trail EBD: (St. Albert Trail - 121 Street) [Widening to 4 lanes] Design 2007/2008, construction 2009, final overlay in 2011.
- Yellowhead Trail / 127 Street [Jughandle for eastbound left turn] Design 2007/2008, construction 2009, final overaly in 2011.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 500 |
| Design | | 2,919 |
| Construction | | 31,363 |

Last Updated: 22-JAN-2009

\$ 34,782

Transportation

PROGRAM: Roads

PROJECT NAME: Primary/Secondary Highway Connectors

07-66-1480

- Fort Road / East of 71 Street [Land acquisition]

Justification

Policy B-3, and B-4 of the Transportation Master Plan, Bylaw #11778, approved by City Council in April 1999.

The West Edmonton Transportation Study approved by City Council in April 2003.

The North Edmonton Transportation Study approved by City Council in July 2004.

This project addresses existing and projected traffic operating concerns on the major highway connector facilities, and co-ordinates with work undertaken in surrounding municipalities.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Source of Estimates Conceptual: +/- 50%

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Inner Ring Loop & Hghwy Connectors

09-66-1480

Group-Criteria: B-510 Projects To Remove Existing Servicing Constraints

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|--------|------|------|--------|
| Budget as Approved | - | 16,000 | 23,200 | 43,477 | - | - | 82,677 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 16,000 | 23,200 | 43,477 | - | - | 82,677 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 54,175 | 36,000 | 90,175 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 54,175 | 36,000 | 90,175 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|--------|--------|--------|--------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,089 | 1,000 | 3,851 | 1,145 | 2,000 | 9,085 |
| Other | - | | - | - | - | - | 10,000 | - | 10,000 |
| Fuel Rebate | - | | - | - | 3,000 | 9,113 | 13,292 | 1,000 | 26,405 |
| AMIP | - | | - | 14,911 | 5,000 | - | - | - | 19,911 |
| Munc Sustain. Initiative - MSI | - | | - | - | 14,200 | 30,513 | 29,738 | 33,000 | 107,451 |
| Total Financing | - | | - | 16,000 | 23,200 | 43,477 | 54,175 | 36,000 | 172,852 |

Description

This project provides for land acquisition, design and construction of improvements and operational enhancements to the highway connector roadway links that connect the Inner and Outer Ring Roads and provide good linkages between the City's roadway network and the Provincial Highway System.

The following locations are proposed. Final locations are dependent on results of assessments, detail design, and contract tendering:

- Fort Road: (66 Street - 129 Avenue) [Widen to 6 lanes, land acquisition, and relocation of Belvedere Park & Ride Lot, coordinated with 07-66-1020] Construction 2008/2010.
- Gateway Boulevard: (23 Avenue - Whitemud Drive) [Widen to 5 northbound lanes] Construction 2011
- Whitemud Drive: (17 Street) [Construct interchange] Construction 2011/2012
- Whitemud Drive: (66 Street to 34 Street) [Widen to 6 lanes] Construction 2012.
- Whitemud Drive and Terwillegar Drive [Widen to 3 westbound lanes] Construction 2010
- 170 Street: (Whitemud Drive - 90 Avenue) [Widen to 4 southbound lanes, coordinate with 07-66-1020] Construction in 2011.
- 75 Street: (68 Avenue) [Realignment] Construction 2010.
- Highway II: (41 Avenue SW) [Construct Interchange] Construction 2012/2013
- Yellowhead Trail: (St. Albert Trail - 121 Street) [Widening to 4 eastbound

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 2,785 |
| Design | | 9,000 |
| Construction | | 161,067 |

Last Updated: 09-FEB-2009

\$ 172,852

Transportation

PROGRAM: Roads

PROJECT NAME: Inner Ring Loop & Hghwy Connectors

09-66-1480

lanes]

- Rabbit Hill Road: (Anthony Henday) [Construct Interchange] Construction 2010

Justification

Policy B-3, and B-4 of the Transportation Master Plan, Bylaw #11778, approved by City Council in April 1999.

The West Edmonton Transportation Study approved by City Council in April 2003.

The North Edmonton Transportation Study approved by City Council in July 2004.

This project addresses existing and projected traffic operating concerns on the major highway connector facilities, and co-ordinates with work undertaken in surrounding municipalities.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Source of Estimates Conceptual: +/- 50%

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: 23 Avenue/Gateway Interchange - AMIP

06-66-1482

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|---------|--------|-------|------|------|---------|
| Budget as Approved | 80,450 | 101,235 | 65,765 | 3,000 | - | - | 250,450 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 80,450 | 101,235 | 65,765 | 3,000 | - | - | 250,450 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|---------|--------|-------|------|------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | 2,250 | 4,415 | - | - | - | - | 6,665 |
| Fuel Rebate | - | | - | 60,820 | 65,765 | - | - | - | 126,585 |
| AMIP | - | | 78,200 | 36,000 | - | 3,000 | - | - | 117,200 |
| Total Financing | - | | 80,450 | 101,235 | 65,765 | 3,000 | - | - | 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

Policy B-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Given the high through traffic along Gateway Boulevard/Calgary Trail, local traffic along 23 Avenue (residential access/South Edmonton Common) and congestion caused by the CP rail-line just east of Gateway Boulevard; the existing at-grade intersection experiences severe traffic congestion (especially during peak times on weekdays/weekends). The intersection is also a high collision location - it has consistently ranked among the top five in terms of collisions and injury.

Contributing to the growing traffic congestion in the area is the substantial residential growth of the south sector of the City, commercial/industrial development, and through traffic to and from the International Airport.

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 5,000 |
| Design | | 5,000 |
| Construction | | 240,450 |

Last Updated: 09-FEB-2009

\$ 250,450

Transportation

PROGRAM: Roads

PROJECT NAME: 23 Avenue/Gateway Interchange - AMIP

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%

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Local Improvement Construction

09-66-1490

Group-Criteria: B-510 Projects To Remove Existing Servicing Constraints

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 5,000 | 5,000 | 5,000 | - | - | 15,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,000 | 5,000 | 5,000 | - | - | 15,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|--------|
| Existing Plan Expenditures | - | - | - | - | 5,000 | 5,000 | 10,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 5,000 | 5,000 | 10,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 |
|---|-------|-------|-------|-------|-------|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|-------|-------|-------|-------|-------|--------|
| Local Improvements Prop. Share | - | - | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 |
| Total Financing | - | - | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 |

Description

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.

Justification

Policy F-1 of the Transportation Master Plan, Bylaw #11778, that was approved by the City Council in April 1999.

Municipal Government Act (Section 397) and City Policy #C433D.

Local Improvement (Special Benefits) Bylaw for commercial/industrial site access.

This project is coordinated with Arterial/Primary Highway Renewal/Cracksealing and Neighbourhood Renewal programs.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,250 |
| Construction | | 23,750 |

Last Updated: 09-FEB-2009

\$ 25,000

Transportation

PROGRAM: Roads

PROJECT NAME: Local Improvement Construction

09-66-1490

Operating Service Packages.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Streetscape Rehabilitation

09-66-1491

Group-Criteria: B-140 Maintenance/Rehabilitation Projects

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

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

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|-------|------|------|-------|
| Budget as Approved | - | 500 | 575 | 2,154 | - | - | 3,229 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 500 | 575 | 2,154 | - | - | 3,229 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,236 | 2,323 | 4,559 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,236 | 2,323 | 4,559 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-------|-------|-------|-------|
| - | 500 | 575 | 2,154 | 2,236 | 2,323 | 7,788 |
|---|-----|-----|-------|-------|-------|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|-------|-------|-------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 500 | 575 | 2,154 | 2,236 | 2,323 | 7,788 |
| Total Financing | - | | - | 500 | 575 | 2,154 | 2,236 | 2,323 | 7,788 |

Description

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.

Justification

Policy F-1 and F-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 390 |
| Construction | | 7,398 |

Last Updated: 09-FEB-2009

\$ 7,788

Transportation

PROGRAM: Roads

PROJECT NAME: Streetscape Rehabilitation

09-66-1491

in Operating Service Packages.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Ring Road Connectors

06-66-1612

Group-Criteria: B-130 Projects Required To Meet Commitments

Project Manager: Belcourt B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 14,862 | 3,897 | - | - | - | - | 18,759 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 14,862 | 3,897 | - | - | - | - | 18,759 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|---|---|---|---|--------|
| 14,862 | 3,897 | - | - | - | - | 18,759 |
|--------|-------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|-------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 4,032 | - | - | - | - | - | 4,032 |
| Developer Financing | - | | 1,606 | - | - | - | - | - | 1,606 |
| Fuel Rebate | - | | 1,199 | 3,897 | - | - | - | - | 5,096 |
| AMIP | - | | 8,025 | - | - | - | - | - | 8,025 |
| Total Financing | - | | 14,862 | 3,897 | - | - | - | - | 18,759 |

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.

THIS PROJECT IS CURRENTLY UNFUNDED.

For further project description and finance details please refer to 09-66-1712.

Justification

Policy B-4 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999

Development of the City's arterial road and trail network adjacent to the Ring Road needs to be coordinated with the Provincial construction of the Ring Road, to ensure appropriate and adequate connections.

Edmonton's regional neighbours have agreed that construction of Anthony Henday Drive is the highest regional transportation priority.

Impact on Operating:

Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Source of Estimates

Conceptual: +/- 50%

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 1,110 |
| Design | | 5,487 |
| Construction | | 12,162 |

Last Updated: 22-JAN-2009

\$ 18,759

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|------|------|------|------|--------|
| Budget as Approved | 26,609 | 22,000 | - | - | - | - | 48,609 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 26,609 | 22,000 | - | - | - | - | 48,609 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|---|---|---|---|--------|
| 26,609 | 22,000 | - | - | - | - | 48,609 |
|--------|--------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------|----------------|--|-------------|--------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Fuel Rebate | - | | 26,609 | 22,000 | - | - | - | - | 48,609 |
| Total Financing | - | | 26,609 | 22,000 | - | - | - | - | 48,609 |

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

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%

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

Completion Year: 2009

Total Project Costs:

Expenditures Beyond CPP Period:

-\$48,609

Project Cost Breakdown

Equipment \$ 48,609

Last Updated: 17-FEB-2009

\$ 48,609

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|-------|-------|------|--------|
| Budget as Approved | 25,010 | 9,515 | 800 | 9,420 | 8,713 | 592 | 54,050 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 25,010 | 9,515 | 800 | 9,420 | 8,713 | 592 | 54,050 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|-------|-------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 2,000 | 515 | 800 | 532 | 713 | 592 | 5,152 |
| Other | - | | 1,000 | 1,000 | - | - | - | - | 2,000 |
| Fuel Rebate | - | | - | - | - | 788 | - | - | 788 |
| AMIP | - | | 22,010 | 8,000 | - | 5,350 | - | - | 35,360 |
| Munc Sustain. Initiative - MSI | - | | - | - | - | 2,750 | 8,000 | - | 10,750 |
| Total Financing | - | | 25,010 | 9,515 | 800 | 9,420 | 8,713 | 592 | 54,050 |

Description

This project addresses the 1 to 3 year Transit Improvement Plan. The plan proposes capital and operational improvements to selected roadways and transit centres that should be implemented over the next three years. 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 goal is to speed up the bus system by improving upon base travel times and reliability to meeting these times. The funded 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 (139-149 St)
 - 28 Avenue & 66 Street (E/W widening)
 - Fox Drive Bus Lanes
 - 97 Street Improvements

Justification

The 1 to 3 year Transit Improvement Plan was presented to TPW on February 19, 2008. The projects are required to correct unreliable bus travel times due to

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 5,500 |
| Design | | 1,547 |
| Equipment | | 13,000 |
| Construction | | 34,003 |

Last Updated: 17-FEB-2009

\$ 54,050

Transportation

PROGRAM: Transit

PROJECT NAME: Transit Priority Corridors

05-66-1665

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 as part of the Edmonton Transit Ridership Growth Strategy.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focussing on increasing ridership on Transit by improving the travel times and reliability of the system.

Last Updated: 17-FEB-2009

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|---------|------|------|------|------|---------|
| Budget as Approved | 427,989 | 246,944 | - | - | - | - | 674,933 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 427,989 | 246,944 | - | - | - | - | 674,933 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|---------|------|------|------|------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | 6,251 | 2,000 | - | - | - | - | 8,251 |
| Fuel Rebate | - | | 12,708 | - | - | - | - | - | 12,708 |
| Tax-Supported Debt | - | | 340,721 | 232,139 | - | - | - | - | 572,860 |
| AMIP | - | | 25,000 | - | - | - | - | - | 25,000 |
| NDCC-Federal Gas Tax Rev Share | - | | 43,309 | 12,805 | - | - | - | - | 56,114 |
| Total Financing | - | | 427,989 | 246,944 | - | - | - | - | 674,933 |

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)

Operational cost impacts for the LRT extension are partly offset by corresponding cost reductions in Bus Operations and increased revenue.

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures and assets in facilities and along the right of way will have design life ranging from 10 to 50 years. Design life for the Light Rail Vehicles is 35 years.

Debenture borrowing will be staged over several years during construction.

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 1,200 |
| Design | | 57,854 |
| Equipment | | 125,467 |
| Construction | | 490,412 |

Last Updated: 22-JAN-2009

\$ 674,933

Transportation

PROGRAM: Transit

PROJECT NAME: SLRT (Federal Fuel Tax Rebate)

05-66-1671

Debentures will have a term of 20 years and mature in 2026-2029.

Justification

The extension to Heritage was approved by Council in May, 2005. Extending the LRT to South Campus in 2008 and Heritage in 2009 meets the priority objectives established in the TMP and HST studies.

Source of Estimates Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|---------|---------|------|------|
| General Maintenance | 1,986 | 1,216 | (532) | - | - |
| Personnel | 1,503 | 679 | (803) | - | - |
| Revenue | (378) | (1,169) | (470) | - | - |
| Utilities | 755 | 1,487 | 90 | - | - |
| Total Impact | 3,866 | 2,213 | (1,715) | - | - |

Last Updated: 22-JAN-2009

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: Mandyk W.

Outcome: Shifting Edmonton's Transportation Mode

Focus: Increase transit ridership

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|---------|---------|---------|---------|---------|
| Budget as Approved | 37,000 | 43,000 | 160,000 | 205,000 | 185,000 | 195,000 | 825,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 37,000 | 43,000 | 160,000 | 205,000 | 185,000 | 195,000 | 825,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|---------|---------|---------|---------|---------|
| Financing | | | | | | | | | |
| Other Reserve | - | | 5,000 | 5,000 | - | - | - | - | 10,000 |
| Tax-Supported Debt | - | | 32,000 | 14,660 | 53,330 | 68,330 | 41,660 | 25,020 | 235,000 |
| Munc Sustain. Initiative - MSI | - | | - | - | - | - | 20,000 | 40,000 | 60,000 |
| Green TRIP | - | | - | 23,340 | 106,670 | 136,670 | 123,340 | 129,980 | 520,000 |
| Total Financing | - | | 37,000 | 43,000 | 160,000 | 205,000 | 185,000 | 195,000 | 825,000 |

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 an LRT storage and light maintenance facility at Cromdale Yard to house these 10 vehicles and to supply and construct the cut and cover concrete tunnel under the Qualico Development.

The conceptual schedule is as follows (subject to preliminary design and constructability reviews):

2009 Preliminary and detailed design, commence land acquisition, utility relocations, commence tunnelling from Churchill to MacEwan, order LRVs

2010 Detailed design, tunnelling from Churchill to MacEwan, complete land acquisition

2011 Tunnelling from Churchill to MacEwan, commence construction from MacEwan to NAIT

2012 Complete tunneling from Churchill to MacEwan, continue construction from MacEwan to NAIT

2013 Complete construction, delivery of LRV's, commissioning

2014 Open for service

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures, and assets in facilities and along the right of way will have design life ranging from 10 to 50 years. Design life for the light rail

Project Cost Breakdown

| | | |
|-----------------|----|---------|
| Land | \$ | 105,000 |
| Equipment | | 50,000 |
| Const. & Design | | 670,000 |

Last Updated: 17-FEB-2009

\$ 825,000

Transportation

PROGRAM: Transit

PROJECT NAME: NLRT (Downtown to NAIT)

08-66-1672

vehicles is 35 years.

Funding for Concept Planning and Preliminary Engineering is in Transportation Department Program 05-66-1665. Funding for limited opportunity land purchases is also in program 05-66-1665.

Subject to receiving Green Trip funds, which requires that the City funds 1/3 of the Project.

Justification

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: \$825,000 Expenditures Beyond CPP Period:

Last Updated: 17-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Bus Facilities & Equipment Growth

09-66-1680

Group-Criteria: B-540 Projects To Provide Improved Level Of Service - Growth/Develc Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode Focus: Increase transit ridership

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|------|--------|------|------|--------|
| Budget as Approved | - | 20,936 | - | 12,000 | - | - | 32,936 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 20,936 | - | 12,000 | - | - | 32,936 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|---|--------|
| Existing Plan Expenditures | - | - | - | - | 13,000 | - | 13,000 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 13,000 | - | 13,000 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|---|--------|--------|---|--------|
| - | 20,936 | - | 12,000 | 13,000 | - | 45,936 |
|---|--------|---|--------|--------|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|-------------|--------|------|--------|--------|------|--------|
| General Financing | - | - | 936 | - | 500 | 1,000 | - | 2,436 |
| CAMRIF - Federal Portion | - | - | 1,500 | - | - | - | - | 1,500 |
| CAMRIF - Provincial Portion | - | - | 1,500 | - | - | - | - | 1,500 |
| Munc Sustain. Initiative - MSI | - | - | 17,000 | - | 11,500 | 12,000 | - | 40,500 |
| Total Financing | - | - | 20,936 | - | 12,000 | 13,000 | - | 45,936 |

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:

- Leger Transit Centre construction and implementation in 2009
- Meadows Transit Centre design, construction and implementation in 2010
- Lewis Farms Transit Centre Land acquisition for Park and Ride
- Lewis Farms Transit Centre design, construction and implementation in 2010
- Eaux Claire Transit Centre Land acquisition for Park and Ride in 2011
- Eaux Claire Transit Centre design, construction and implementation in 2012
- Ellerslie East Transit Centre Land acquisition for Park and Ride in 2012
- Ellerslie East Transit Centre design, construction and implementation in 2013
- Rampart Transit Centre concept plan
- Accessible Bus Shelter growth in 2012 and 2013

Justification

Facilities at new locations are required for growth mandated in present corporate and departmental strategic plans. CAMRIF Funding is established for three terminals to be completed by spring 2010.

Failure to provide these new facilities in a timely fashion increases the risk of providing different service levels within similar areas and reducing service

Project Cost Breakdown

| | | |
|---------------------|----|--------|
| Land | \$ | 700 |
| Design | | 2,756 |
| Construction | | 39,250 |
| Percent for Art | | 90 |
| Project Transferred | | 3,140 |

Last Updated: 22-JAN-2009

\$ 45,936

Transportation

PROGRAM: Transit

PROJECT NAME: Bus Facilities & Equipment Growth

09-66-1680

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 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Personnel | 44 | 115 | 48 | 146 | 74 |
| Materials | 52 | 18 | 5 | 11 | 5 |
| Utilities | 16 | 41 | 20 | 46 | 23 |
| General Maintenance | 13 | 33 | 15 | 33 | 17 |
| Contract | 200 | 23 | 18 | 23 | 12 |
| Total Impact | 325 | 230 | 106 | 259 | 131 |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Transit

PROJECT NAME: Bus Fleet Growth

09-66-1681

Group-Criteria: B-530 Projects To Provide A Minimum Level Of Service - Growth Area Project Manager: Stolte C.

Outcome: Shifting Edmonton's Transportation Mode Focus: Increase transit ridership

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|--------|------|------|--------|
| Budget as Approved | - | 13,035 | 8,876 | 13,814 | - | - | 35,725 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 13,035 | 8,876 | 13,814 | - | - | 35,725 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 16,202 | 12,069 | 28,271 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 16,202 | 12,069 | 28,271 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|--------|-------|--------|--------|--------|--------|
| - | 13,035 | 8,876 | 13,814 | 16,202 | 12,069 | 63,996 |
|---|--------|-------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 669 | 289 | 556 | 3,290 | 925 | 5,729 |
| Developer Financing | - | | - | - | 5,000 | 5,000 | 5,000 | 5,000 | 20,000 |
| Fuel Rebate | - | | - | 1,366 | 3,587 | 7,850 | 7,212 | 1,144 | 21,159 |
| Munc Sustain. Initiative - MSI | - | | - | 11,000 | - | 408 | 700 | 5,000 | 17,108 |
| Total Financing | - | | - | 13,035 | 8,876 | 13,814 | 16,202 | 12,069 | 63,996 |

Description

This project contains the funding for bus purchases to meet growth and low floor route capacity requirements. Total project funding allocated for growth and capacity needs is 25 low floor 12 m clean diesel buses plus 10 community services buses in 2009; 17 low floor 12 m clean diesel buses plus 4 community service buses in 2010; 31 low floor 12 m diesel buses in 2011; 27 low floor 12 m diesel buses plus 9 community service buses in 2012; and 21 low floor 12 m diesel buses and 4 community service buses in 2013. 9 DATS buses are also in the plan for 3 buses in 2010, 3 buses in 2012 and 3 buses in 2013. All vehicles are fully accessible.

Justification

The growth and capacity buses are required to provide new service in developing areas and to increase capacity on dedicated low floor routes in developed areas to meet Council approved Transit Service Guidelines. Population growth, and expanding geographical areas to be served, have increased demand for transit service. An information report was presented to council on July 9, 2008 regarding the Edmonton Transit Ridership Strategy. This report outlines requirements for additional services and buses to meet customer needs. Additionally a review of future DATS needs indicated growth requirements over

Project Cost Breakdown

Equipment \$ 63,996

Last Updated: 22-JAN-2009

\$ 63,996

Transportation

PROGRAM: Transit

PROJECT NAME: Bus Fleet Growth

09-66-1681

2009-2013.

This project supports Council's initiative to Shift Edmonton's Transportation Modes by focussing on increasing Transit ridership by increasing the level of service into new areas and by increasing the bus capacity and reducing travel times on major trunk routes.

Source of Estimates Award: +/- 10%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|-------|-------|-------|-------|
| General Maintenance | 875 | 627 | 1,839 | 1,074 | 765 |
| Personnel | 1,065 | 5,340 | 4,340 | 2,534 | 1,803 |
| Fuel | 450 | 716 | 1,177 | 687 | 489 |
| Total Impact | 2,390 | 6,683 | 7,356 | 4,295 | 3,057 |

Last Updated: 22-JAN-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Planning Studies

09-66-1910

Group-Criteria: B-240 Economic Development & Promotion - City Wide

Project Manager: Latte B.

Outcome: Transform Edmonton's Urban Form

Focus: Strategically invest in select infrastructure

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|--------|
| Budget as Approved | - | 6,567 | 4,250 | 2,780 | - | - | 13,597 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 6,567 | 4,250 | 2,780 | - | - | 13,597 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,960 | 1,990 | 3,950 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,960 | 1,990 | 3,950 |

TOTAL CAPITAL**EXPENDITURE PLAN**

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 6,567 | 4,250 | 2,780 | 1,960 | 1,990 | 17,547 |
|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,067 | 750 | 1,780 | 960 | 990 | 5,547 |
| Fuel Rebate | - | | - | 1,500 | 500 | - | - | - | 2,000 |
| Munc Sustain. Initiative - MSI | - | | - | 4,000 | 3,000 | 1,000 | 1,000 | 1,000 | 10,000 |
| Total Financing | - | | - | 6,567 | 4,250 | 2,780 | 1,960 | 1,990 | 17,547 |

Description

This project includes funds to undertake the update of the City's Transportation Master Plan (TMP) and conceptual planning studies and data collection in preparation for the development and enhancement of roadways, transit, bicycle and pedestrian networks over the next 5 to 10 years.

This program covers the highest priority projects to accommodate growth and provide for network improvements/expansion.

The objectives for the Transportation Master Plan update will be to:

- revisit and validate the basic plan directives of the 1999 Transportation Master Plan, considering new growth scenarios, required associated technical studies and stakeholder input.
- address the Transportation Planning Branch audit recommendations for Transportation Master Plan development and implementation.

The objectives of the conceptual planning phase are:

- to develop a problem/needs statement for individual projects identified in strategic documents and assessment
- to generate a series of alternative solutions to the problems
- to gather formal input from end users
- to complete a technical analysis of the alternatives and recommend the best solution based on economic and engineering information
- to provide an estimate of the cost of the selected alternative

Major Planning Projects proposed for 2009/2011 includes:

Project Cost Breakdown

Studies \$ 17,547

Last Updated: 09-FEB-2009

\$ 17,547

Transportation

PROGRAM: Roads

PROJECT NAME: Planning Studies

09-66-1910

- Upgrades to Inner Loop / Primary Highway Connectors
 - Continued planning of the future Light Rail Transit (LRT) network
 - Multi-Use Trail Implementation
 - Transit centres and arterial roads to support planned development
- Operating Impacts are determined by Inventory Growth of Roads addressed in Operating Service Packages.

Justification

Rapid growth and the current update to the Municipal Development Plan has necessitated an update to the Transportation Master Plan. Conceptual planning is a key component in the planning and implementation of Transportation projects as identified in the City's Policy A1424 "Project Management for Projects".

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Environmental Services and Facilities

09-66-1950

Group-Criteria: C-140 Maintenance/Rehabilitation Projects

Project Manager: Belcourt B.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|--------|------|------|--------|
| Budget as Approved | - | 5,018 | 6,855 | 14,089 | - | - | 25,962 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,018 | 6,855 | 14,089 | - | - | 25,962 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 2,296 | 2,524 | 4,820 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 2,296 | 2,524 | 4,820 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|--------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 963 | 621 | 2,089 | 1,299 | 504 | 5,476 |
| Gravel Reserve | - | | - | 875 | 180 | - | 20 | 20 | 1,095 |
| Fuel Rebate | - | | - | 180 | 6,054 | 12,000 | 977 | - | 19,211 |
| Munc Sustain. Initiative - MSI | - | | - | 3,000 | - | - | - | 2,000 | 5,000 |
| Total Financing | - | | - | 5,018 | 6,855 | 14,089 | 2,296 | 2,524 | 30,782 |

Description

This project addresses environmental issues related to road right-of-way including providing services for slide repairs, snow storage facilities, environmental audits on right-of-way, supply of recycled aggregates, and constructing a new facility of Streets Engineering..

Proposed improvements for 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.

5. Capital Improvements: New site and facility for Engineering Services Office and

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 3,230 |
| Design | | 3,949 |
| Construction | | 23,603 |

Last Updated: 09-FEB-2009

\$ 30,782

Transportation

PROGRAM: Roads

PROJECT NAME: Environmental Services and Facilities

09-66-1950

Lab.

Justification

Policy E-5, and F-2 of the Transportation Master Plan, Bylaw #11778, that was approved by City Council in April 1999.

Alberta Environment Protection and Enhancement Act Bill 23 (AEPEA)

Environment Canada, Alberta Environmental Protection and the City's Sewers Use Bylaw #9675

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.

Last Updated: 09-FEB-2009

Transportation

(thousands of dollars)

PROGRAM: Roads

PROJECT NAME: Snow Storage Facilities Development

09-66-1960

Group-Criteria: A-200 Protection Of Physical Environment - City Wide

Project Manager: Stephenson B.

Outcome: Preserve & Sustain Edmonton's Environment

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 5,000 | 13,000 | 10,000 | - | - | 28,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 5,000 | 13,000 | 10,000 | - | - | 28,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|--------|--------|---|---|--------|
| - | 5,000 | 13,000 | 10,000 | - | - | 28,000 |
|---|-------|--------|--------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|--------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 500 | 500 | 1,000 | - | - | 2,000 |
| Fuel Rebate | - | | - | 500 | 2,500 | 5,000 | - | - | 8,000 |
| Munc Sustain. Initiative - MSI | - | | - | 4,000 | 10,000 | 4,000 | - | - | 18,000 |
| Total Financing | - | | - | 5,000 | 13,000 | 10,000 | - | - | 28,000 |

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 Transportaion

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 1,000 |
| Design | | 4,050 |
| Construction | | 22,950 |

Last Updated: 22-JAN-2009

\$ 28,000

Transportation

PROGRAM: Roads

PROJECT NAME: Snow Storage Facilities Development

09-66-1960

Association of Canada and the Alberta Environmental Protection and Enhancement Act.

Impacts on Operating:

Operating impacts are determined by inventory growth of roads addressed in Operating Service Packages.

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 200 | 200 | 200 | - | - | 600 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 200 | 200 | 200 | - | - | 600 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 200 | 200 | 400 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 200 | 200 | 400 |

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-----|-----|-----|-----|-----|-------|
| EXPENDITURE PLAN | - | 200 | 200 | 200 | 200 | 200 | 1,000 |
|------------------|---|-----|-----|-----|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 200 | 200 | 200 | 200 | 200 | 1,000 |
| Total Financing | - | | - | 200 | 200 | 200 | 200 | 200 | 1,000 |

Description

This project funds the upgrade and replacement of hardware and software applications supporting the Operational Services Branch and related business processes in the Community Services Department. 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.

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 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.

Hardware replacement is completed according to a regular schedule.

Justification

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.

An interface to the Edmonton Police CAD system will provide more efficient and effective information flow for the significant number of emergency events that

Project Cost Breakdown

| | | |
|---------------------|----|-------|
| Hardware / Software | \$ | 1,000 |
|---------------------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 1,000 |
|----|-------|

Community Services

PROGRAM: Emergency Communications&Resources

PROJECT NAME: Emergency Communications System Hardware

09-70-0012

both agencies respond to. This project will fund the complete interface and the implementation effort.

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, and Alberta Health and Wellness).

Source of Estimates Conceptual: +/- 50%

Change from Previous Approval

This is a composite project. The \$200,000 requested for the year 2018 is an extension of the original project.

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

Completion Year: 2011 Total Project Costs: \$600 Expenditures Beyond CPP Period: -\$400

Last Updated: 22-JAN-2009

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

PROJECT NAME: EMS Critical Patient Care Equipment

09-70-0015

Group-Criteria: D-100 Projects With Budget Approval

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | - | 870 | 660 | 600 | - | - | 2,130 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 870 | 660 | 600 | - | - | 2,130 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-----|-----|-----|---|---|-------|
| - | 870 | 660 | 600 | - | - | 2,130 |
|---|-----|-----|-----|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Partnership Funding | - | | - | 870 | 660 | 600 | - | - | 2,130 |
| Total Financing | - | | - | 870 | 660 | 600 | - | - | 2,130 |

Description

This project will allow for the replacement of ageing equipment that is critical to providing patient care. This includes replacing outdated cardiac monitors and adding new monitors as the EMS fleet expands and replacing other outdated equipment such as stretchers. Project includes funding for decontaminating and cleaning equipment that is essential for ensuring that EMS vehicles and re-usable equipment meets legislated standards. Additional SIM MAN training equipment is also included.

Justification

EMS needs to replace outdated and critical equipment to ensure that it can continue to deliver effective patient care. Additional equipment is also required to stock new ambulance units as the fleet expands. Decontamination and cleaning equipment is required to ensure that ambulance units and re-usable equipment meets the appropriate legislated standards.

Additional SIM MAN training equipment is needed to meet the training needs of a growing workforce and to allow training to occur in the field thereby improving efficiency and effectiveness of the training delivered.

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

Completion Year: 2011 Total Project Costs: \$2,130 Expenditures Beyond CPP Period:

Project Cost Breakdown

Equipment \$ 2,130

Last Updated: 22-JAN-2009

\$ 2,130

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

PROJECT NAME: EMS Stations

09-70-0021

Group-Criteria: B-135 Projects Primarily Related To Safety

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|--------|------|------|--------|
| Budget as Approved | - | 3,900 | 10,600 | 15,900 | - | - | 30,400 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 3,900 | 10,600 | 15,900 | - | - | 30,400 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|--------|--------|--------|
| Existing Plan Expenditures | - | - | - | - | 18,000 | 16,900 | 34,900 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 18,000 | 16,900 | 34,900 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|--------|--------|--------|--------|--------|
| - | 3,900 | 10,600 | 15,900 | 18,000 | 16,900 | 65,300 |
|---|-------|--------|--------|--------|--------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|---------------------|----------------|--|-------------|-------|--------|--------|--------|--------|--------|
| Financing | | | | | | | | | |
| Partnership Funding | - | | - | 3,900 | 10,600 | 15,900 | 18,000 | 16,900 | 65,300 |
| Total Financing | - | | - | 3,900 | 10,600 | 15,900 | 18,000 | 16,900 | 65,300 |

Description

This project will fund construction of new Shift Change stations and new Post Stations 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.

Priorities for Station Development are identified in the Emergency Medical Services Station Location Master Plan (February 2008).

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.

As the City continues to grow and as the population ages, EMS call volume has continued to rise putting strain on the ability to respond in a timely manner. Since 2004, EMS response times have continued to fall.

Establishment of new Shift Change and Post Stations will allow EMS to locate ambulance crews more effectively across the city and so improve response times.

Source of Estimates Preliminary Design: +/- 35%

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

Completion Year: 2015 Total Project Costs: \$78,400 Expenditures Beyond CPP Period: \$13,100

Project Cost Breakdown

| | | |
|-----------------|----|--------|
| Land | \$ | 13,400 |
| Construction | | 45,400 |
| Detailed Design | | 6,500 |

Last Updated: 22-JAN-2009

\$ 65,300

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|--------|-------|------|------|--------|
| Budget as Approved | - | 4,100 | 10,600 | 1,785 | - | - | 16,485 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 4,100 | 10,600 | 1,785 | - | - | 16,485 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

| | | | | | | | |
|------------------|---|-------|--------|-------|---|---|--------|
| EXPENDITURE PLAN | - | 4,100 | 10,600 | 1,785 | - | - | 16,485 |
|------------------|---|-------|--------|-------|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|--------|-------|------|------|--------|
| Financing | | | | | | | | | |
| Munc Sustain. Initiative - MSI | - | | - | 4,100 | 10,600 | 1,785 | - | - | 16,485 |
| Total Financing | - | | - | 4,100 | 10,600 | 1,785 | - | - | 16,485 |

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 and the design of a second station, location to be determined.

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 will be transferred into this profile in 2009.

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%

Percent for Art

Amount: \$189

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|-----------------|----|--------|
| Land | \$ | 2,152 |
| Construction | | 12,385 |
| Detailed Design | | 1,948 |

Last Updated: 17-FEB-2009

\$ 16,485

Community Services

PROGRAM: Emergency Communications&Resources

PROJECT NAME: Fire Stations - Master Plan Phase I

09-70-0022

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

Completion Year: 2011 Total Project Costs: \$22,900 Expenditures Beyond CPP Period: \$6,415

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|-------|-------|------|------|
| Personnel | - | 2,430 | 3,459 | 946 | - |
| Vehicle Maintenance | - | 120 | 120 | - | - |
| Total Impact | - | 2,550 | 3,579 | 946 | - |

Last Updated: 17-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|-------|-------|------|--------|
| Budget as Approved | 1,780 | 805 | 815 | 5,500 | 4,200 | - | 13,100 |
| Change | (1,780) | 1,780 | - | - | - | - | - |
| Revised Budget | - | 2,585 | 815 | 5,500 | 4,200 | - | 13,100 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|-------|-------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 315 | - | - | - | - | 315 |
| AMIP | - | | - | 2,270 | - | - | - | - | 2,270 |
| Munc Sustain. Initiative - MSI | - | | - | - | 815 | 5,500 | 4,200 | - | 10,515 |
| Total Financing | - | | - | 2,585 | 815 | 5,500 | 4,200 | - | 13,100 |

Description

For the 2009 - 2011 capital funding cycle AMPW has requested the various Business areas to be responsible for their own growth profiles. As a result existing growth profiles in AMPW for Fire Rescue are also being transferred.

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.

Implementation of the funded Heritage Valley Fire Station project, 07-75-5190, is on hold due to the Area Structure Plan has not being finalized yet for identifying a suitable land. Land purchase is scheduled for 2010. Approved funds in 07-75-5190 (\$ 2,585,000) need to be carried forward to 2010 and be available to pay for the land and the design. This project profile will fund the cost of construction of the Heritage Valley Fire Station.

Justification

The Heritage Valley neighborhoods are developing 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

Project Cost Breakdown

| | | |
|-----------------|----|-------|
| Land | \$ | 2,270 |
| Construction | | 9,700 |
| Detailed Design | | 1,130 |

Last Updated: 17-FEB-2009

\$ 13,100

Community Services

PROGRAM: Emergency Communications&Resources

PROJECT NAME: Heritage Valley Fire Station Construct

08-70-0023

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%

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

Completion Year: 2012 Total Project Costs: \$13,100 Expenditures Beyond CPP Period:

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|-------|------|
| Vehicle Maintenance | - | - | - | 120 | - |
| Personnel | - | - | - | 2,646 | 984 |
| Total Impact | - | - | - | 2,766 | 984 |

Last Updated: 17-FEB-2009

Community Services

(thousands of dollars)

PROGRAM: Emergency Communications&Resources

PROJECT NAME: Dispatch System Replacement

08-70-9000

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Card D.

Outcome: Improve Edmonton's Livability

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|-------|-------|------|------|-------|
| Budget as Approved | - | - | 2,500 | 2,276 | - | - | 4,776 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | - | 2,500 | 2,276 | - | - | 4,776 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|---|-------|-------|---|---|-------|
| - | - | 2,500 | 2,276 | - | - | 4,776 |
|---|---|-------|-------|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|-------|-------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | - | - | 2,500 | 2,276 | - | - | 4,776 |
| Total Financing | - | | - | - | 2,500 | 2,276 | - | - | 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.

Project Cost Breakdown

| | | |
|-----------|----|-------|
| Equipment | \$ | 4,776 |
|-----------|----|-------|

Last Updated: 22-JAN-2009

| | |
|----|-------|
| \$ | 4,776 |
|----|-------|

Community Services

PROGRAM: Emergency Communications&Resources

PROJECT NAME: Dispatch System Replacement

08-70-9000

Interfaced to the central CAD are a complex set of related subsystems that in coordination contribute to reducing overall response times. The Station Alerting 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%

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

Completion Year: 2011 Total Project Costs: \$4,776 Expenditures Beyond CPP Period:

Last Updated: 22-JAN-2009

Planning & Development

(thousands of dollars)

PROGRAM: Housing

PROJECT NAME: NPH Affordable Housing Projects

08-74-5600

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Loat T.J.

Outcome: Improve Edmonton's Livability

Focus: Increase supply/range of affordable housing

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 12,330 | 8,670 | - | - | - | - | 21,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 12,330 | 8,670 | - | - | - | - | 21,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|---|---|---|---|--------|
| 12,330 | 8,670 | - | - | - | - | 21,000 |
|--------|-------|---|---|---|---|--------|

| Financing | Budget Request | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|-------------|-------|------|------|------|------|--------|
| Self-Liquidating Debentures | - | 6,200 | - | - | - | - | - | 6,200 |
| Partnership Funding | - | 6,130 | 8,670 | - | - | - | - | 14,800 |
| Total Financing | - | 12,330 | 8,670 | - | - | - | - | 21,000 |

Description

The City of Edmonton Non-Profit Corporation (homeEd) plans to develop two new housing projects (Fraser 1 & Fraser 2), and purchase an existing apartment building to provide a total of 95 units of affordable housing consistent with the expanded mandate of homeEd referenced in Cornerstones, Edmonton's Plan for Affordable Housing 2006-2011. HomeEd has purchased City land and obtained a Development Permit for Fraser 1 (31 town house units), and will proceed with construction as soon as the borrowing bylaw is approved. HomeEd is in the process of purchasing City land for Fraser 2 (25 town house units) and will proceed with construction through a design - build approach as soon as possible. An offer to purchase has been made on a 39 unit apartment building, subject to obtaining approval of the borrowing bylaw.

Justification

Partnership funding from Cornerstones, Alberta Affordable Housing Partnership Initiative and Provincial Block Funding, together with equity from homeEd, will cover approximately 75% of the capital cost of the housing units, and allow rents to be 20% lower than the average CMHC market rent. The remaining capital costs will be funded through debenture borrowing, with the principal and interest payments being covered through rental revenues. As a wholly owned subsidiary of the City of Edmonton, HomeEd can obtain financing for the proposed housing projects with Alberta Capital Financing Authority (ACFA) through the City of Edmonton. Through this financing approach, homeEd will realize savings in excess of \$1 million on the requested borrowing of \$5.0 million relative to

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Building | \$ | 4,540 |
| Construction | | 16,460 |

Last Updated: 18-FEB-2009

\$ 21,000

Planning & Development

PROGRAM: Housing

PROJECT NAME: NPH Affordable Housing Projects

08-74-5600

conventional mortgage financing and will secure financial certainty on the cost of borrowing over the entire term. The debt servicing on the borrowing will be paid by homeEd to the City of Edmonton on the same terms as the debenture terms between the City of Edmonton and ACFA, with no projected tax levy impact. HomeEd will not be able to proceed with all three projects without this financing.

Source of Estimates Preliminary Design: +/- 30%

Impact on Operations

| | 2009 | 2010 | 2011 | 2012 | 2013 |
|------------------------------|-------|-------|------|------|------|
| Payment from HomeEd | (469) | (469) | - | - | - |
| Principal & Interest Payment | 469 | 469 | - | - | - |
| Total Impact | - | - | - | - | - |

Last Updated: 18-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 2,700 | 9,149 | - | - | - | - | 11,849 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,700 | 9,149 | - | - | - | - | 11,849 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|--------|
| 2,700 | 9,149 | - | - | - | - | 11,849 |
|-------|-------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|-------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | 2,700 | 9,149 | - | - | - | - | 11,849 |
| Total Financing | - | | 2,700 | 9,149 | - | - | - | - | 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 Grand Trunk and Victoria Golf Maintenance Building and Callingwood in 2009.

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,

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,349 |
| Construction | | 10,500 |

Last Updated: 19-FEB-2009

\$ 11,849

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Recreational Facilities Rehab/Upgrade

07-75-2508

necessitating functional upgrades to accommodate these program requirements.

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%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Building Maintenance | 118 | - | - | - | - |
| Custodial | 2 | - | - | - | - |
| Utility | 20 | - | - | - | - |
| Total Impact | 140 | - | - | - | - |

Last Updated: 19-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: SW Commun. Recreation 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|--------|------|------|------|---------|
| Budget as Approved | 37,000 | 35,000 | 31,329 | - | - | - | 103,329 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 37,000 | 35,000 | 31,329 | - | - | - | 103,329 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|--------|--------|---|---|---|---------|
| 37,000 | 35,000 | 31,329 | - | - | - | 103,329 |
|--------|--------|--------|---|---|---|---------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|--------|--------|------|------|------|---------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | 37,000 | 35,000 | 31,329 | - | - | - | 103,329 |
| Total Financing | - | | 37,000 | 35,000 | 31,329 | - | - | - | 103,329 |

Description

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

The needs assessment & conceptual design for this project was previously funded in profile 04-21-5667, and the land & construction was previously included in profile 05-21-5670. Those budget amounts have been transferred to this profile with the exception of 2007 and prior year costs(\$3,071).

The capital costs have been adjusted to reflect current pricing, and the financing has been updated to reflect Tax Supported Debt to be the sole source of funding.

Expected life cycle of the asset is Forty (40) to Fifty (50) years and the term of the tax supported debt is 25 years.

Operating impact: There will be personnel & support costs for preparation and pre-opening of the facility. Once the facility opens in 2010 and revenues are generated, the tax levy support is projected to decrease.

Note: Prior Year 2007 Actual Cost of \$3,071 was captured under BA21 Profile 05-21-5670.

Project Cost Breakdown

| | | |
|--------------|----|---------|
| Land | \$ | 2,250 |
| Construction | | 101,079 |

Last Updated: 20-FEB-2009

\$ 103,329

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: SW Commun. Recreation 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 Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|---------|---------|------|------|
| Personnel | - | 1,764 | 503 | - | - |
| Materials & Equip | - | 153 | 80 | - | - |
| Services | - | 164 | 85 | - | - |
| Utilities | - | 639 | 332 | - | - |
| Revenue | - | (2,450) | (1,859) | - | - |
| Total Impact | - | 270 | (859) | - | - |

Last Updated: 20-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 1,100 | 3,000 | - | - | - | - | 4,100 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,100 | 3,000 | - | - | - | - | 4,100 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 1,100 | 3,000 | - | - | - | - | 4,100 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | 1,100 | 3,000 | - | - | - | - | 4,100 |
| Total Financing | - | | 1,100 | 3,000 | - | - | - | - | 4,100 |

Description

This project will provide for the redevelopment of Queen Elizabeth outdoor pool. Queen Elizabeth Pool is currently closed due to infrastructure failure. Improvements will include subsurface drainage, redevelopment of the pool tank, bathhouses and all required mechanical systems. 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. City Council directed the administration to complete a redevelopment plan for their review in August, 2005.

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

Detailed Design: +/- 20%

Percent for Art

Amount:

\$40

Percent of Total Project:

1%

Project Cost Breakdown

| | | |
|---------------------|----|-------|
| Construction | \$ | 3,600 |
| Design & Construct. | | 500 |

Last Updated: 19-FEB-2009

\$ 4,100

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 & participation

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 2,571 | 2,064 | - | - | - | - | 4,635 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 2,571 | 2,064 | - | - | - | - | 4,635 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 700 | - | - | - | - | - | 700 |
| Comm. Fac. Enhancmt | - | | 135 | - | - | - | - | - | 135 |
| Prog. Grant | | | | | | | | | |
| Tax-Supported Debt | - | | 736 | 2,064 | - | - | - | - | 2,800 |
| CAMRIF - Federal Portion | - | | 500 | - | - | - | - | - | 500 |
| CAMRIF - Provincial Portion | - | | 500 | - | - | - | - | - | 500 |
| Total Financing | - | | 2,571 | 2,064 | - | - | - | - | 4,635 |

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 of the new administration building was completed and commenced construction in 2008.

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.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 435 |
| Construction | | 4,200 |

Last Updated: 19-FEB-2009

\$ 4,635

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Fort Edmonton Rehabilitation Projects

06-75-2524

Corporate and Departmental Business Plan Initiatives: Infrastructure and Physical Environment - implement the Infrastructure Strategy. Service Challenge: conservation of an aging infrastructure.

Source of Estimates Detailed Design: +/- 20%

Last Updated: 19-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 5,777 | 5,185 | - | - | - | - | 10,962 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 5,777 | 5,185 | - | - | - | - | 10,962 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|--------|
| 5,777 | 5,185 | - | - | - | - | 10,962 |
|-------|-------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 5,777 | 185 | - | - | - | - | 5,962 |
| Munc Sustain. Initiative - MSI | - | | - | 5,000 | - | - | - | - | 5,000 |
| Total Financing | - | | 5,777 | 5,185 | - | - | - | - | 10,962 |

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

Detailed Design: +/- 20%

Change of Scope

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 2,000 |
| Construction | | 8,962 |

Last Updated: 22-JAN-2009

\$ 10,962

Capital Construction Department

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Building Maintenance | - | 193 | - | - | - |
| Total Impact | - | 193 | - | - | - |

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 545 | 544 | - | - | - | - | 1,089 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 545 | 544 | - | - | - | - | 1,089 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|-----|---|---|---|---|-------|
| 545 | 544 | - | - | - | - | 1,089 |
|-----|-----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 545 | 544 | - | - | - | - | 1,089 |
| Total Financing | - | | 545 | 544 | - | - | - | - | 1,089 |

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.

Funds available in this profile is only for the design. Additional funds required for renovation of floors 14th & 15th are in the un-funded profile 09-41-3512.

Source of Estimates

Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-----|
| Design | \$ | 140 |
| Construction | | 949 |

Last Updated: 19-FEB-2009

\$ 1,089

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|--------|-------|------|------|------|---------|
| Budget as Approved | 63,283 | 38,433 | 7,284 | - | - | - | 109,000 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 63,283 | 38,433 | 7,284 | - | - | - | 109,000 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

| | | | | | | | |
|--------------------------------|--------|--------|-------|---|---|---|---------|
| TOTAL CAPITAL EXPENDITURE PLAN | 63,283 | 38,433 | 7,284 | - | - | - | 109,000 |
|--------------------------------|--------|--------|-------|---|---|---|---------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|--------|-------|------|------|------|---------|
| Financing | | | | | | | | | |
| General Financing | - | | 2,083 | 1,171 | 284 | - | - | - | 3,538 |
| Other | - | | 356 | - | - | - | - | - | 356 |
| Fuel Rebate | - | | 5,844 | - | - | - | - | - | 5,844 |
| Munc Sustain. Initiative - MSI | - | | 55,000 | 37,262 | 7,000 | - | - | - | 99,262 |
| Total Financing | - | | 63,283 | 38,433 | 7,284 | - | - | - | 109,000 |

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

| | | |
|--------------|----|--------|
| Land | \$ | 800 |
| Design | | 9,738 |
| Equipment | | 1,500 |
| Construction | | 96,962 |

Last Updated: 19-FEB-2009

\$ 109,000

Capital Construction Department

PROGRAM: Buildings Design & 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 Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|-------|-------|-------|------|------|
| Personnel | - | 1,280 | 123 | 58 | 61 |
| Contract | 60 | 30 | 6 | 4 | 4 |
| Services/Utilities | 877 | 2,392 | 139 | 136 | 142 |
| Financial | (325) | - | (873) | - | - |
| Total Impact | 612 | 3,702 | (605) | 198 | 207 |

Last Updated: 19-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 6,098 | 2,500 | - | - | - | - | 8,598 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 6,098 | 2,500 | - | - | - | - | 8,598 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 6,098 | 2,500 | - | - | - | - | 8,598 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 5,000 | 2,500 | - | - | - | - | 7,500 |
| Financial Stabilization Resrv. | - | | 1,098 | - | - | - | - | - | 1,098 |
| Total Financing | - | | 6,098 | 2,500 | - | - | - | - | 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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 840 |
| Construction | | 7,758 |

Last Updated: 22-JAN-2009

\$ 8,598

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Bus Garage Ventilation Systems-Mitchell

07-75-4106

and respiratory irritation. The International Agency of Research on Cancer (IARC) has classified diesel particulates as a group 2A compound (probable human 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 Preliminary Design: +/- 30%

| Impact on Operations | 2009 | 2010 | 2011 | 2012 | 2013 |
|----------------------|------|------|------|------|------|
| Building Maintenance | 75 | - | - | - | - |
| Utility | 50 | - | - | - | - |
| Total Impact | 125 | - | - | - | - |

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 1,998 | 1,902 | - | - | - | - | 3,900 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 1,998 | 1,902 | - | - | - | - | 3,900 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 1,998 | 1,902 | - | - | - | - | 3,900 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Tax-Supported Debt | - | | 1,998 | 1,902 | - | - | - | - | 3,900 |
| Total Financing | - | | 1,998 | 1,902 | - | - | - | - | 3,900 |

Description

This project will correct a number of pedestrian traffic deficiencies on the North Concourse and washroom deficiencies at Commonwealth Stadium identified by the Community Services and the Edmonton Eskimos. The improvements include expanding the width of the north concourse to alleviate pedestrian gridlock and increasing the number of washrooms to accommodate the public.

Justification

As a result of complaints and incidences regarding the difficulties in the movement of pedestrian traffic and the lack of washrooms for large events, Community Services and the Eskimos have reviewed the problems at the facility and have requested these improvements to prevent public health and safety issues.

This project has been shown as funded from Tax Supported Debt, as per Council's motions of May 31, 2005.

Expected asset life of 25 years with a 15 year debenture term.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 500 |
| Construction | | 3,400 |

Last Updated: 22-JAN-2009

\$ 3,900

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 6,393 | 7 | - | - | - | - | 6,400 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 6,393 | 7 | - | - | - | - | 6,400 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|---|---|---|---|---|-------|
| 6,393 | 7 | - | - | - | - | 6,400 |
|-------|---|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 366 | 7 | - | - | - | - | 373 |
| AMIP | - | | 6,027 | - | - | - | - | - | 6,027 |
| Total Financing | - | | 6,393 | 7 | - | - | - | - | 6,400 |

Description

A new three bay fire station is required to provide effective response to fire emergencies in the Meadows and eastern edge of MillWoods. Design and tender will commence in 2006 with construction completion at the end of 2007.

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 Detailed Design: +/- 20%

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

| | | |
|--------------|----|-------|
| Land | \$ | 700 |
| Design | | 489 |
| Construction | | 5,211 |

Last Updated: 22-JAN-2009

\$ 6,400

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Fire Vehicle Storage Facility

07-75-5170

Group-Criteria: B-100 Projects With Budget Approval

Project Manager: Ward C.

Outcome: Diversify Edmonton's Economy

Focus: Other--maintenance of current service standards

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 3,662 | 18 | - | - | - | - | 3,680 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,662 | 18 | - | - | - | - | 3,680 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|----|---|---|---|---|-------|
| 3,662 | 18 | - | - | - | - | 3,680 |
|-------|----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 130 | 18 | - | - | - | - | 148 |
| AMIP | - | | 3,532 | - | - | - | - | - | 3,532 |
| Total Financing | - | | 3,662 | 18 | - | - | - | - | 3,680 |

Description

This project will provide a facility for the storage, cleaning and maintenance of fire vehicles, apparatus and equipment used by the Fire Department in the execution of their operation in fighting fires.

Justification

The provision of this facility is required to improve the efficiency of fire operations that are performed at various locations throughout the City. Vehicles, apparatus and equipment are presently refurbished, maintained and stored at off-site leased space. There is duplication of staff and equipment to refurbish, test, certify and maintain SCBA and PPE equipment and ensure fire vehicles are fully operational resulting in substantial inefficiencies. This facility will consolidate these operations at one location.

This project has been shown as funded from the Alberta Municipal Infrastructure Program, as per Council's motions of May 31, 2005.

Source of Estimates

Award: +/- 10%

Change of Scope

Additional funding of \$300k has been transferred from project 07-75-5166 to cover estimated construction cost increases in 2007.

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 550 |
| Construction | | 3,130 |

Last Updated: 22-JAN-2009

\$ 3,680

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & Construction

PROJECT NAME: Replace Aging Fire Stations (#5 & #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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|--------|
| Budget as Approved | 12,755 | 5,970 | - | - | - | - | 18,725 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 12,755 | 5,970 | - | - | - | - | 18,725 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|---|---|---|---|--------|
| 12,755 | 5,970 | - | - | - | - | 18,725 |
|--------|-------|---|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|------|------|------|------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | 657 | 195 | - | - | - | - | 852 |
| AMIP | - | | 12,098 | 5,775 | - | - | - | - | 17,873 |
| Total Financing | - | | 12,755 | 5,970 | - | - | - | - | 18,725 |

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.

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 envelope and mechanical and electrical systems are beyond their life expectancy. Minimal repairs to address critical items were undertaken in 2003.

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

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Land | \$ | 750 |
| Design | | 1,002 |
| Construction | | 16,973 |

Last Updated: 19-FEB-2009

\$ 18,725

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: Replace Aging Fire Stations (#5 & #11)

05-75-5179

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 Preliminary Design: +/- 30%

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: 19-FEB-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|------|------|------|------|-------|
| Budget as Approved | 3,500 | 1,714 | - | - | - | - | 5,214 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 3,500 | 1,714 | - | - | - | - | 5,214 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-------|-------|---|---|---|---|-------|
| 3,500 | 1,714 | - | - | - | - | 5,214 |
|-------|-------|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 1,914 | - | - | - | - | - | 1,914 |
| Financial Stabilization Resrv. | - | | 986 | 1,714 | - | - | - | - | 2,700 |
| AMIP | - | | 600 | - | - | - | - | - | 600 |
| Total Financing | - | | 3,500 | 1,714 | - | - | - | - | 5,214 |

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.

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

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Land | \$ | 400 |
| Design | | 420 |
| Construction | | 4,394 |

Last Updated: 22-JAN-2009

\$ 5,214

Capital Construction Department

PROGRAM: Buildings Design & Construction

PROJECT NAME: EMS Stations

04-75-5180

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 Detailed Design: +/- 20%

Change from Previous Approval

The budget for the Northwest station has been increased to cover higher costs for site development, utilities and on access road as a result of the planned construction of an underpass of 137 Avenue and the CN rail line located at 142 Street. The budget for the Mill Woods Post Station has also been increased to cover higher land and construction costs. The increased costs are funded from the City's 2006 operating surplus.

Last Updated: 22-JAN-2009

Capital Construction Department

(thousands of dollars)

PROGRAM: Buildings Design & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 500 | 856 | - | - | - | - | 1,356 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 500 | 856 | - | - | - | - | 1,356 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|-----|---|---|---|---|-------|
| 500 | 856 | - | - | - | - | 1,356 |
|-----|-----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| Unallocated Education Tax Room | - | | - | 86 | - | - | - | - | 86 |
| Operating Surplus (FSR) | - | | 500 | 770 | - | - | - | - | 1,270 |
| Total Financing | - | | 500 | 856 | - | - | - | - | 1,356 |

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 | \$ | 56 |
| Equipment | | 500 |
| Construction | | 800 |

Last Updated: 22-JAN-2009

\$ 1,356

Capital Construction Department

PROGRAM: Buildings Design & 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 Detailed Design: +/- 20%

Last Updated: 22-JAN-2009

Edmonton Economic Development Corp

(thousands of dollars)

PROGRAM: Shaw Conference Centre

PROJECT NAME: Shaw Conference Ctr Major Bldg. Upgrade

06-99-0003

Group-Criteria: A-140 Maintenance/Rehabilitation Projects

Project Manager: Fitzpatrick M.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 75 | - | 440 | - | - | - | 515 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 75 | - | 440 | - | - | - | 515 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-----|-----|-----|
| Existing Plan Expenditures | - | - | - | - | 415 | 415 | 830 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 415 | 415 | 830 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|----|---|-----|---|-----|-----|-------|
| 75 | - | 440 | - | 415 | 415 | 1,345 |
|----|---|-----|---|-----|-----|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 75 | - | 440 | - | 415 | 415 | 1,345 |
| Total Financing | - | | 75 | - | 440 | - | 415 | 415 | 1,345 |

Description

This profile represents the funding for an engineering study conducted on the Shaw Conference Centre (SCC). The results of this study are available for review from Administration upon request.

The study revealed that the SCCC requires a \$41M upgrade. This unfunded portion of the project is listed in profile # 07-99-0003 which details the balance of the project complete with an itemized cost listing.

The SCC will be 26 years old in 2009 and although it has been maintained, the building has become outdated in many areas. Based on the engineering study conducted in 2006, the following expenditures are required for SCC (000's):

1. Atrium planers \$100
2. Diesel fuel tank replacement \$100
3. Loading dock repairs \$200
4. Carpet on stairs \$40

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.

Source of Estimates Preliminary Design: +/- 30%

Last Updated: 22-JAN-2009

Project Cost Breakdown

| | | |
|--------------|----|-------|
| Design | \$ | 124 |
| Studies | | 75 |
| Construction | | 1,146 |

\$ 1,345

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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|-------|------|------|-------|
| Budget as Approved | - | 1,650 | 1,650 | 1,500 | - | - | 4,800 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | - | 1,650 | 1,650 | 1,500 | - | - | 4,800 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

| | | | | | | | |
|----------------------------|---|---|---|---|-------|-------|-------|
| Existing Plan Expenditures | - | - | - | - | 1,957 | 4,524 | 6,481 |
| Change | - | - | - | - | - | - | - |
| Revised Expenditures | - | - | - | - | 1,957 | 4,524 | 6,481 |

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|---|-------|-------|-------|-------|-------|--------|
| - | 1,650 | 1,650 | 1,500 | 1,957 | 4,524 | 11,281 |
|---|-------|-------|-------|-------|-------|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-------------------|----------------|--|-------------|-------|-------|-------|-------|-------|--------|
| Financing | | | | | | | | | |
| General Financing | - | | - | 1,650 | 1,650 | 1,500 | 1,957 | 4,524 | 11,281 |
| Total Financing | - | | - | 1,650 | 1,650 | 1,500 | 1,957 | 4,524 | 11,281 |

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.

Project Cost Breakdown

| | | |
|--------------|----|--------|
| Design | \$ | 1,128 |
| Construction | | 10,153 |

Last Updated: 02-MAR-2009

\$ 11,281

Edmonton Economic Development Corp

(thousands of dollars)

PROGRAM: Economic Dev, Research Pk & 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 | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|-------|-------|------|------|------|--------|
| Budget as Approved | 12,500 | 1,600 | 1,500 | - | - | - | 15,600 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 12,500 | 1,600 | 1,500 | - | - | - | 15,600 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|--------|-------|-------|---|---|---|--------|
| 12,500 | 1,600 | 1,500 | - | - | - | 15,600 |
|--------|-------|-------|---|---|---|--------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------------------|----------------|--|-------------|-------|-------|------|------|------|--------|
| Financing | | | | | | | | | |
| Self-Liquidating Debentures | - | | 6,483 | 1,600 | 1,500 | - | - | - | 9,583 |
| FIP - Federal Grant | - | | 2,500 | - | - | - | - | - | 2,500 |
| Financial Stabilization Resrv. | - | | 1,017 | - | - | - | - | - | 1,017 |
| Provincial Grant | - | | 2,500 | - | - | - | - | - | 2,500 |
| Total Financing | - | | 12,500 | 1,600 | 1,500 | - | - | - | 15,600 |

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 Biomira likely vacating more space. 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

| | | |
|--------------|----|--------|
| Land | \$ | 1,017 |
| Construction | | 14,583 |

Last Updated: 22-JAN-2009

\$ 15,600

Edmonton Economic Development Corp

PROGRAM: Economic Dev, Research Pk & 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 of Scope

Project has changed from construction of a new facility to a lease arrangement of an existing facility.

Last Updated: 22-JAN-2009

Edmonton Economic Development Corp

(thousands of dollars)

PROGRAM: Economic Dev, Research Pk & Tourism

PROJECT NAME: Research Ctr 1 - Building Upgrade

05-99-3004

Group-Criteria: A-100 Projects With Budget Approval

Project Manager: Brinsmead C.

Outcome: Diversify Edmonton's Economy

Focus: Improve the capacity/capability of delivery

| BUDGET | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|--------------------|-------------|------|------|------|------|------|-------|
| Budget as Approved | 871 | 500 | - | - | - | - | 1,371 |
| Change | - | - | - | - | - | - | - |
| Revised Budget | 871 | 500 | - | - | - | - | 1,371 |

FUNDING EARMARKED FOR FUTURE EXPENDITURES

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

TOTAL CAPITAL

EXPENDITURE PLAN

| | | | | | | |
|-----|-----|---|---|---|---|-------|
| 871 | 500 | - | - | - | - | 1,371 |
|-----|-----|---|---|---|---|-------|

| | Budget Request | | Prior Years | 2009 | 2010 | 2011 | 2012 | 2013 | Total |
|-----------------------------|----------------|--|-------------|------|------|------|------|------|-------|
| Financing | | | | | | | | | |
| General Financing | - | | 871 | - | - | - | - | - | 871 |
| Self-Liquidating Debentures | - | | - | 500 | - | - | - | - | 500 |
| Total Financing | - | | 871 | 500 | - | - | - | - | 1,371 |

Description

This project will construct tenant improvements in the Research Centre One (RC-1) building. The cost estimates are based on historical projects in the same building.

This project will be completed in 2009.

Justification

Renovations in preparation for new tenants. Increased revenues will cover borrowing costs.

Source of Estimates Preliminary Design: +/- 30%

Project Cost Breakdown

Construction \$ 1,371

Last Updated: 22-JAN-2009

\$ 1,371