**Letter from the Mayor and the Chairperson of the Standing Policy Committee on Finance**

November 27, 2008

**TO ALL MEMBERS OF COUNCIL:**

**Re: Preliminary 2009 Capital Budget**
**- and the -**
**2010 to 2014 Five Year Forecast**

We are pleased to submit the Preliminary Capital Investment Plan for the City of Winnipeg for the years 2009 to 2014.

As an organization, the City has worked hard to improve our capital processes and procedures to provide the citizens of Winnipeg with sound capital budgeting, planning and management. We have implemented semi-annual capital reporting of open capital projects to improve disclosure. Capital accounts are now being closed in a more timely manner to ensure the effective use of available funds. The City continues its commitment to innovative financing approaches, such as strategic partnerships to accelerate capital project implementation and maximize program outcomes.

This Capital Budget invests in priority road, bridge and other infrastructure projects. The 6 year plan authorizes $2.1 billion in City capital projects. Over $428 million is earmarked for streets and bridges over the multi-year plan with $95 million in 2009 alone. We recognize that the underlying infrastructure deficit continues to grow. Therefore, the City's "Cash to Capital" investment has increased to $63.5 million in 2009 – up $2 million from 2008. Also, an additional $2 million increase has been included in each of 2010 through to 2014.

Environmental sustainability is a City priority. We are very pleased to have negotiated with the Province of Manitoba for the development of Rapid Transit in Winnipeg. Stage 1 of the Southwest Rapid Transit Corridor for $138 million is included in this plan and we look forward to further multi-level government negotiations to develop Stage 2 of the Rapid Transit strategy.

This 6 year capital plan also includes $868 million in sewer utility projects, partly to meet the cost of complying with Clean Environment Commission requirements. Funding negotiations will need to be finalized with the other levels of government to successfully complete the sewer program.

Other priorities over the 6 years include funding for the Police Service ($50 million), Parks and Open Space ($27.7 million), Active Transportation ($10.5 million) and Riverbank Stabilization ($6.6 million). A one-time contribution of $1 million for Central Park Redevelopment has also been included in 2009.

This capital budget includes business plan and strategic partner development related to a Municipal Corporate Utility for our water and waste water services to obtain private sector experience while maintaining full City ownership.

This is an exciting time for Winnipeggers as the City is undertaking significant multi-year capital projects for the benefit of generations to come. We believe this plan addresses our City's capital priorities within an affordable financial framework. We invite review and feedback from all members of Council and citizens at large to finalize this plan over the next several weeks.

Respectfully submitted,



Sam Katz,
Mayor



Justin Swandel, Chairperson,
Standing Policy Committee on Finance

## *RECOMMENDATIONS*

1. a) That the 2009 Capital Budget totalling $476,089,000 requiring borrowing authority totalling $58,560,000 for the Sewer System and Local Improvements be reviewed and submitted to Council for adoption; and

   *Note: Borrowing authority for Southwest Rapid Transit Corridor–Phase 1 authorized by Council on October 22nd, 2008.*

   b) That the 2010 to 2014 Five Year Capital Forecast also be reviewed and submitted to Council for adoption in principle.

2. That the cash to capital contribution be as follows:

| Year | $ Millions |
|---|---|
| 2009 | 63.478 |
| 2010 | 65.478 |
| 2011 | 67.478 |
| 2012 | 69.478 |
| 2013 | 71.478 |
| 2014 | 73.478 |

3. That $1.968 million in prior years' tax supported capital surplus from the 2007 Innovative Capital account and $3.925 million in prior years' tax-supported capital surplus identified in the recent capital review be transferred to fund tax supported capital projects in the 2009 Capital Budget.

4. That the City work with the Province on project selection for funding under the Manitoba/Winnipeg Infrastructure Program (MWIP) and the Provincial funding for road improvement projects from priorities included in the City's tax supported Capital Budget.

5. That the City work with the Province of Manitoba and the Government of Canada for a new multi-year cost-sharing agreement to fund sewer and wastewater treatment projects resulting from the Clean Environment Commission Recommendations, which includes the Province's existing commitment of $206 million to wastewater treatment upgrades.

6. That the City negotiate with the Province of Manitoba and Government of Canada for a new multi-year cost sharing agreement for the first and second stage of the Southwest Rapid Transit Corridor.

7. That all other transfers from utility operations, reserves and other funds outlined in the capital budget be approved.

8. That Council authorize the expenditure of $1 million for Library Replacement in 2009 or prior to the adoption of the 2010 Capital Budget as a first charge, in accordance with Subsection 288(2) of the City of Winnipeg Charter to allow for timely preliminary capital work.

9. That the City Solicitor/Manager of Legal Services be requested to submit the necessary borrowing by-law directly to Council.

10. That the Proper Officers of the City be authorized to do all things necessary to implement the foregoing, including the execution of any documents related thereto.

# Preliminary 2009 Capital Budget and 2010 to 2014 Five Year Capital Forecast



Executive Policy Committee
November 27, 2008

Winnipeg

# 2009 CAPITAL BUDGET PROCESS...

- **Balancing the infrastructure deficit with affordability**
- **Protecting the environment**
- **Effectively managing in a period of strong construction inflation**
- **Improving capital processes and procedures**

Winnipeg

# HIGHLIGHTS

- **Capital investment plan:**
  - **$2.1 billion over the next 6 years**
  - **$476 million in 2009**
  - **Focus on investment in public transit, streets and bridges, sewer systems, public safety and community infrastructure and amenities**
- **Strategic partnerships and innovation**
- **Cash to Capital $63.5 million in 2009 and growing annually**

Winnipeg

# AREAS OF MAJOR CAPITAL INVESTMENT

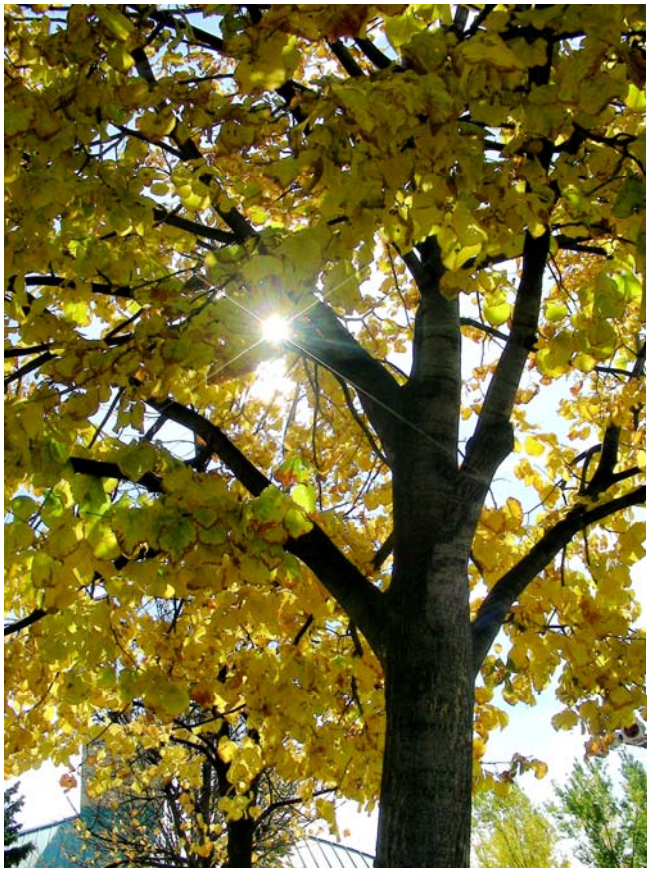



- **$868 million for sewage disposal projects**
- **$428 million for roads and bridges**
- **$305 million for the transit system**
- **$114 million for the water system**
- **$103 million for community infrastructure and amenities**
- **$77 million for land drainage and flood control**
- **$56 million for public safety infrastructure**

Winnipeg

# PROTECTING OUR ENVIRONMENT

- Southwest rapid transit corridor – stage 1
- Upgrades for wastewater collection and treatment
- Combined sewer overflow management
- Land drainage and flood protection
- Active transportation
- Riverbank stabilization
- Central Park redevelopment
- Brady landfill gas capture



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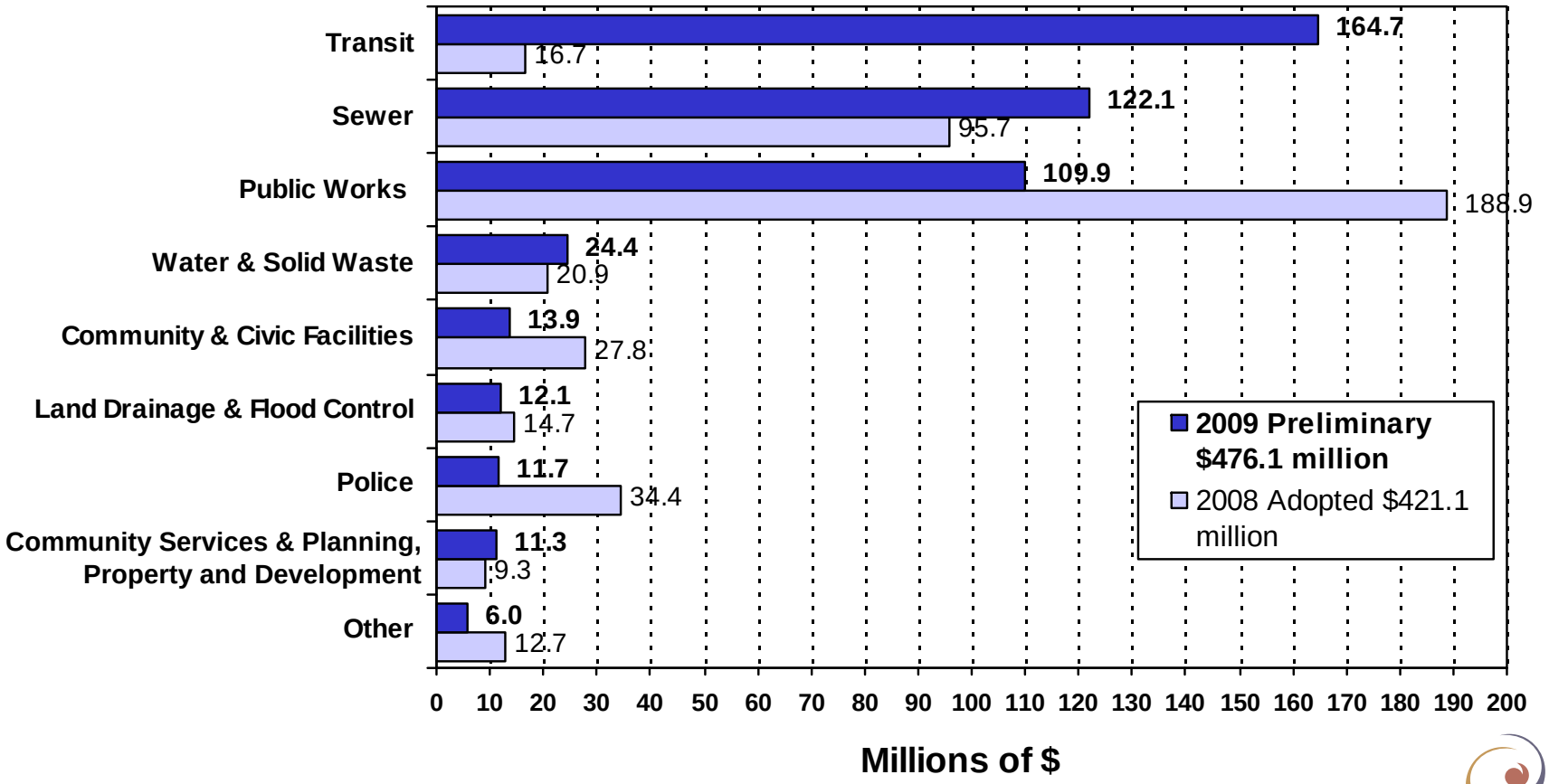
# CAPITAL PROJECTS (Authorizations)

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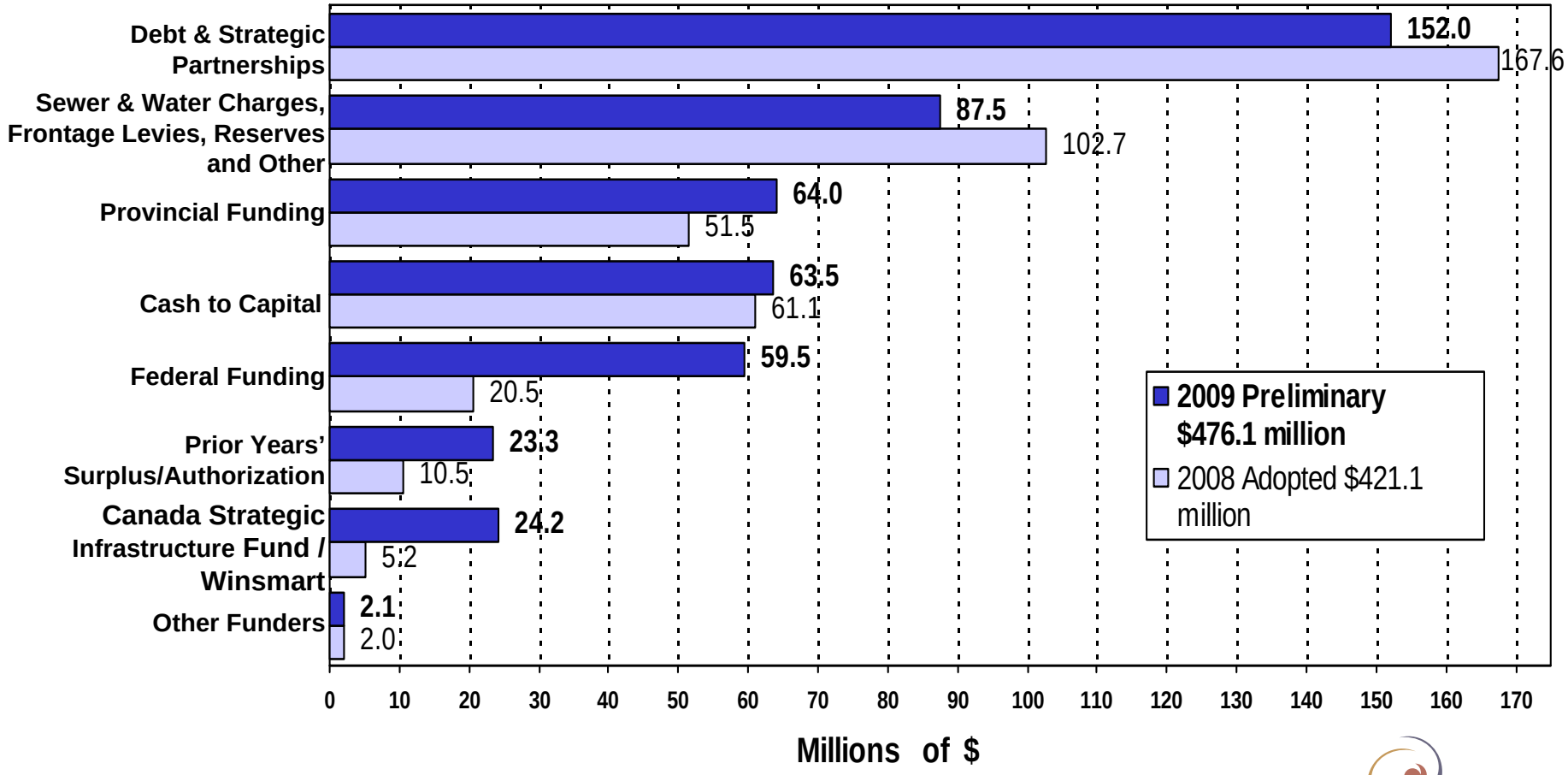
# CAPITAL FINANCING

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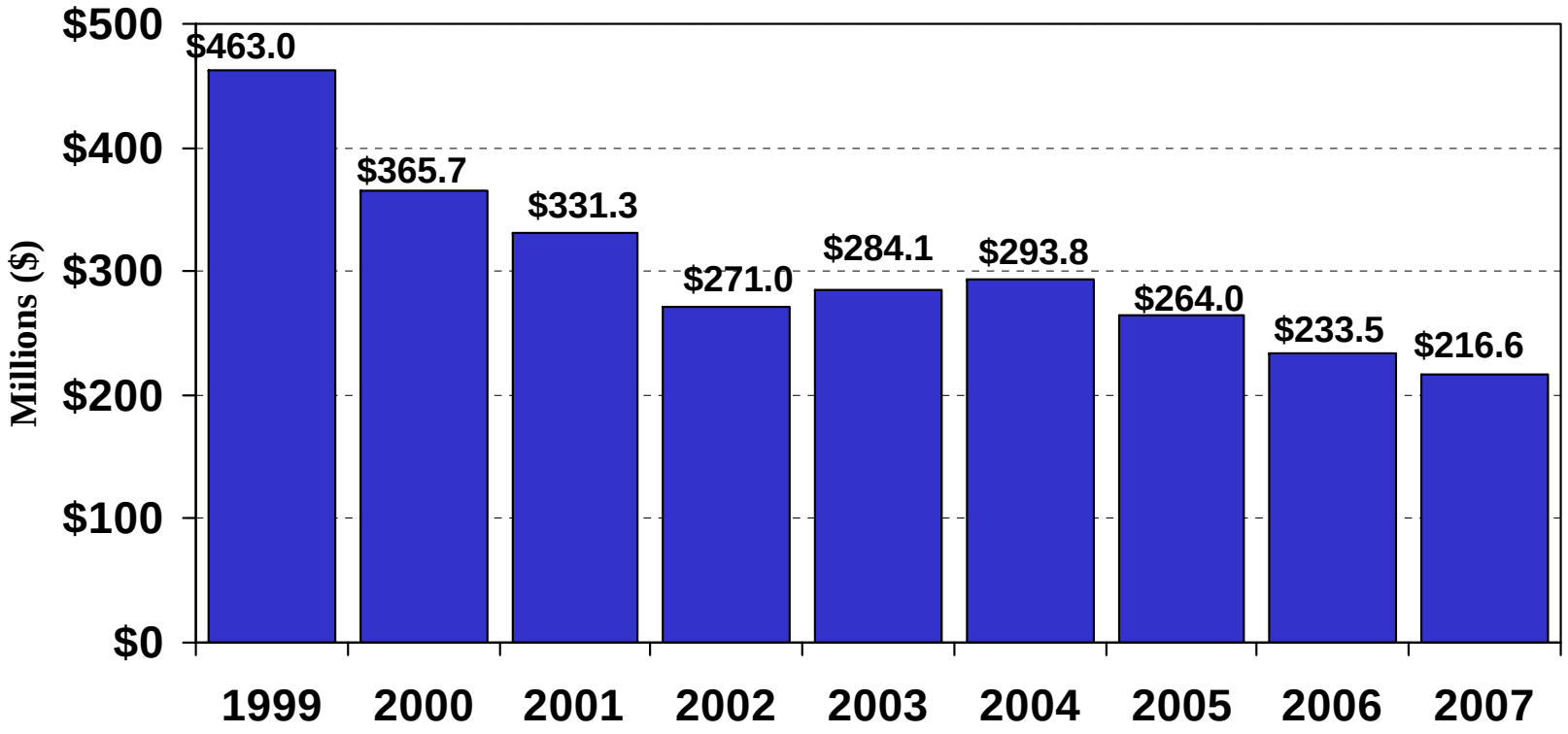
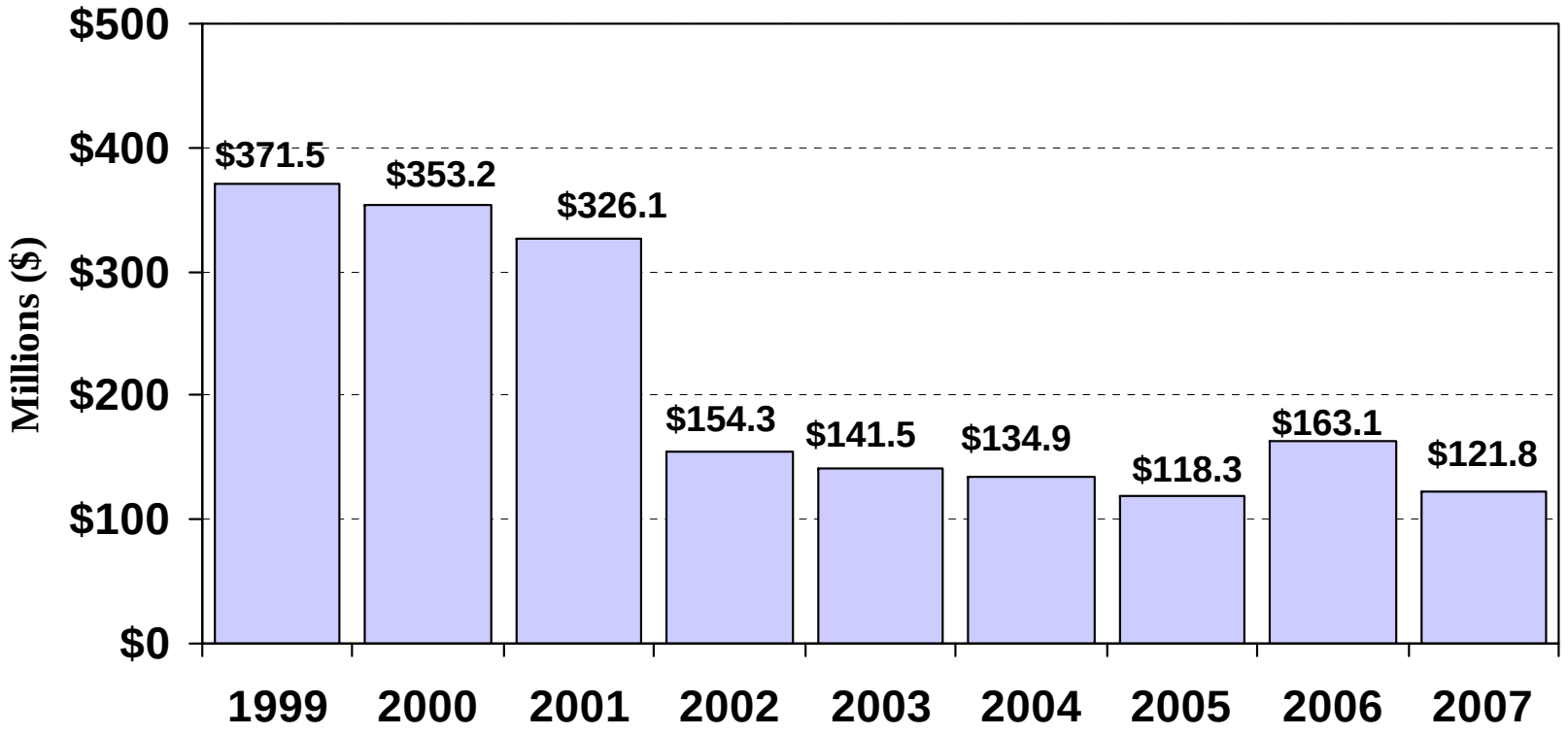
# TAX SUPPORTED NET DEBENTURE DEBT




Tax supported net debenture debt decreased by 53.2% from 1999 to 2007.

Winnipeg

# UTILITY NET DEBENTURE DEBT




Utilities (including Civic Accommodations and Transit) net debenture debt decreased by 67.2% from 1999 to 2007.

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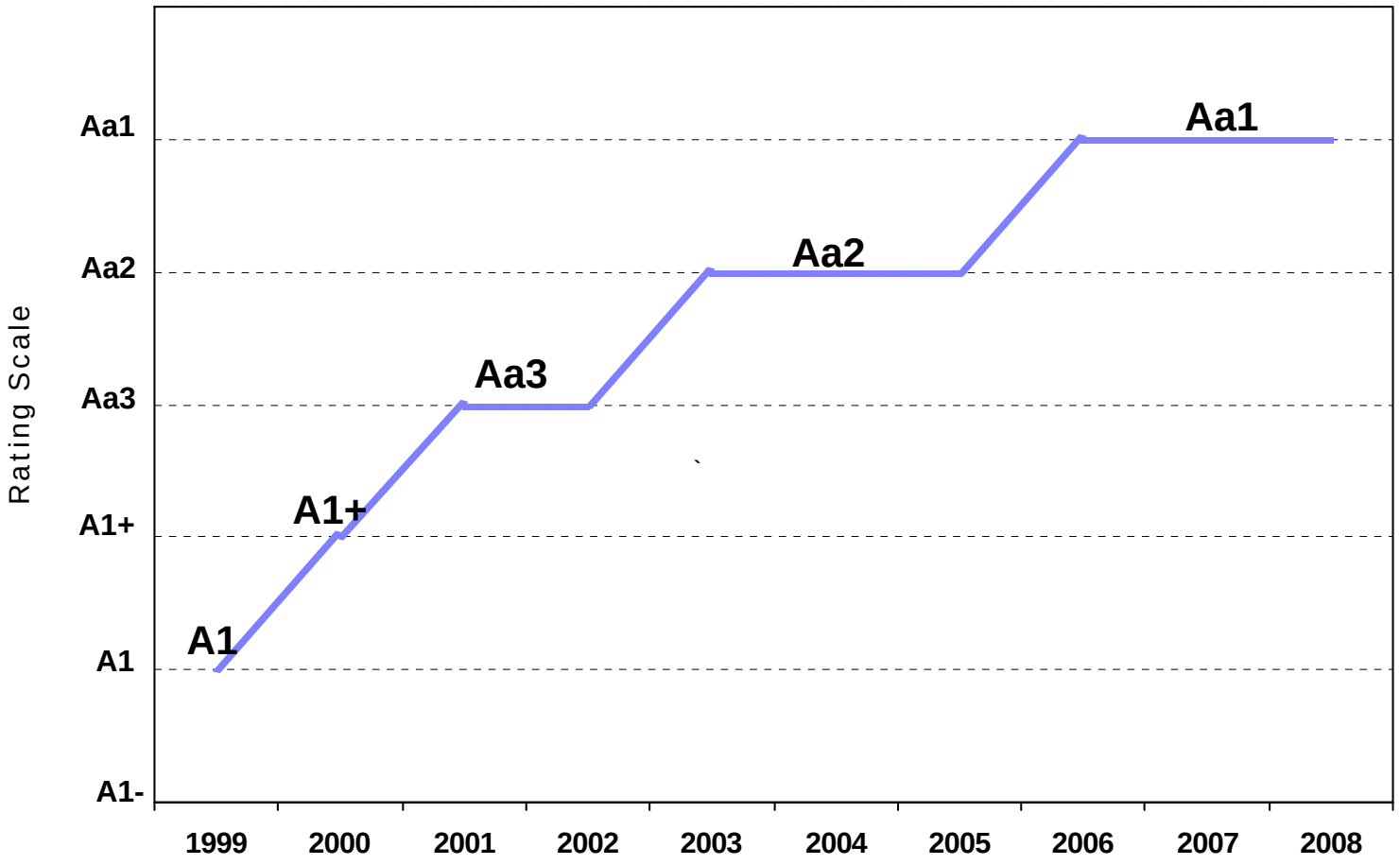
# CREDIT RATING




Source Moody's Investors Service

Winnipeg

Winnipeg

**The City of Winnipeg**

# CAPITAL PROJECTS SUMMARY

## 2009
## Preliminary Capital Budget

**and**

## 2010 to 2014
## Five Year Forecast

**November 27, 2008**

**Notes:**

1. Capital budget amounts are estimates only and are subject to materials management policy (e.g. tenders, bids, and contract awards including Public Private Partnership proposals).

2. In the attached Capital Projects Listing, tax supported capital projects are financed by cash to capital unless another funding source is disclosed for the project. In addition, the Manitoba Winnipeg Infrastructure Program, Provincial funding for Road Improvements, and Prior Years' Surplus/Authorization financing amounts are not all allocated to individual capital projects. These unallocated financing amounts will offset cash to capital requirements.

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| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | PRELIMINARY CAPITAL | | | | | | |
|---|---|---|---|---|---|---|---|
| | Budget | Forecast | | | | | 2009-2014 |
| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 6 YEAR TOTAL |
| **SUMMARY OF CAPITAL PROGRAM** | | | | | | | |
| **TAX SUPPORTED** | | | | | | | |
| Public Works | **100,073** | **69,518** | **69,313** | **73,155** | **70,320** | **73,898** | **456,277** |
| Local Improvements | **9,777** | **1,600** | **1,600** | **1,600** | **1,600** | **1,600** | **17,777** |
| Land Drainage and Flood Control | **12,100** | **12,400** | **13,525** | **12,940** | **13,550** | **12,498** | **77,013** |
| Community Services & Community Incentive Grants | **6,559** | **9,938** | **4,008** | **7,638** | **9,919** | **9,250** | **47,312** |
| Winnipeg Police Service | **11,696** | **6,327** | **7,693** | **8,134** | **9,420** | **7,149** | **50,419** |
| Fire Paramedic Service | | **2,600** | | **840** | **850** | **858** | **5,148** |
| Planning, Property and Development | **4,744** | **6,425** | **3,964** | **3,939** | **4,481** | **4,548** | **28,101** |
| City Clerks | **1,950** | **1,100** | **700** | **700** | **850** | **700** | **6,000** |
| Corporate Support Services | **583** | **1,890** | **3,084** | **2,473** | **1,788** | **2,407** | **12,225** |
| Assessment and Taxation | **500** | **1,000** | | **500** | | | **2,000** |
| Other Projects | **2,999** | **6,292** | **6,184** | **6,173** | **6,138** | **6,871** | **34,657** |
| **Sub-Total Tax Supported General** | **150,981** | **119,090** | **110,071** | **118,092** | **118,916** | **119,779** | **736,929** |
| Civic Accommodations | **7,167** | **5,700** | **1,900** | **3,224** | **4,250** | **4,130** | **26,371** |
| Building Services | **6,700** | **4,675** | **4,575** | **4,655** | **4,655** | **5,035** | **30,295** |
| Transit | **164,712** | **27,771** | **26,621** | **27,036** | **29,291** | **29,979** | **305,410** |
| **Total Tax Supported Including Transit, Civic Accommodations, and Building Services** | **329,560** | **157,236** | **143,167** | **153,007** | **157,112** | **158,923** | **1,099,005** |
| **UTILITIES** | | | | | | | |
| Waterworks System | **22,382** | **18,500** | **18,925** | **24,675** | **16,100** | **13,500** | **114,082** |
| Sewage Disposal System | **122,147** | **122,100** | **224,630** | **208,566** | **135,025** | **55,329** | **867,797** |
| Solid Waste Disposal System | **2,000** | **12,575** | **400** | **400** | | **4,700** | **20,075** |
| **Total Utilities** | **146,529** | **153,175** | **243,955** | **233,641** | **151,125** | **73,529** | **1,001,954** |
| **TOTAL CAPITAL PROGRAM** | **476,089** | **310,411** | **387,122** | **386,648** | **308,237** | **232,452** | **2,100,959** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | PRELIMINARY CAPITAL | | | | | | |
|---|---|---|---|---|---|---|---|
| | Budget | Forecast | | | | | 2009-2014 6 YEAR |
| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | TOTAL |
| **SUMMARY OF FINANCING SOURCES** | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 63,478 | 65,478 | 67,478 | 69,478 | 71,478 | 73,478 | 410,868 |
| Public Private Partnership Lease Payments | (2,369) | (17,584) | (23,013) | (24,571) | (24,670) | (24,670) | (116,877) |
| Frontage Levy | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 45,000 |
| Reserves: | | | | | | | |
| - Transit Bus Replacement | 7,920 | 8,797 | 10,135 | 12,445 | 12,745 | 13,060 | 65,102 |
| - Rapid Transit Infrastructure | 2,750 | | 4,242 | | | | 6,992 |
| - Watermain Renewal | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 42,000 |
| - Sewer System Rehabilitation | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 75,600 |
| - Aqueduct Rehabilitation | 300 | | | | | | 300 |
| - Environmental | 11,450 | 8,100 | 24,155 | 21,391 | 21,425 | 21,414 | 107,935 |
| - General Purpose (Repayment) | (12) | (250) | (8,000) | (1,000) | | | (9,262) |
| Interim Financing (Repayment) | 2,342 | (5,664) | (5,500) | | | | (8,822) |
| Contributions from Other Levels of Government: | | | | | | | |
| - Canada Strategic Infrastructure Fund | 24,246 | 21,539 | | | | | 45,785 |
| - Federal Gas Tax | 41,029 | 41,029 | 41,029 | 41,029 | 41,029 | 41,029 | 246,174 |
| - Federal Government Funding (Transit) | 17,500 | | | | | | 17,500 |
| - Public Transit Capital Trust/Bill C-66 Funding | 1,000 | 1,000 | | | | | 2,000 |
| - Manitoba Winnipeg Infrastructure Program | 10,666 | 12,666 | 10,766 | 10,766 | 11,170 | 11,166 | 67,200 |
| - Building Manitoba Fund | 10,840 | 10,840 | 10,840 | 10,840 | 10,840 | 10,840 | 65,040 |
| - Provincial Government Funding | 17,500 | 4,450 | | | | | 21,950 |
| - Provincial Funding for Road Improvements | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| Other Funders: | | | | | | | |
| - Developers | 2,056 | 500 | 1,170 | | 500 | | 4,226 |
| - Public Private Partnership Authorization | 3,734 | | | | | | 3,734 |
| Utilities Retained Earnings | 37,989 | 28,748 | 50,200 | 42,650 | 45,100 | 21,150 | 225,837 |
| Debt (Utilities, Transit, Local Improvements) | 148,310 | 78,662 | 151,520 | 151,520 | 66,520 | 12,885 | 609,417 |
| Prior Years' Surplus/Authorization | 23,260 | | | | | | 23,260 |
| **TOTAL FINANCING SOURCES** | 476,089 | 310,411 | 387,122 | 386,648 | 308,237 | 232,452 | 2,100,959 |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| **CAPITAL PROJECTS LISTING** | | | | | | | | |
| ***PUBLIC WORKS*** | | | | | | | | |
| ***Active Transportation Facilities*** | | | | | | | | |
| New Regional Sidewalks | 3-1 | **250** | **250** | **250** | **250** | **250** | **250** | **1,500** |
| Active Transportation Corridors | 3-2 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Recreational Walkways and Bike Paths - Various Locations | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | | | | **1,000** | **1,000** | **1,000** | **3,000** |
| - Provincial Funding for Road Improvements | | **1,000** | **1,000** | **1,000** | | | | **3,000** |
| Total Recreational Walkways and Bike Paths - Various Locations | 3-3 | **1,000** | **1,000** | **1,000** | **1,000** | **1,000** | **1,000** | **6,000** |
| **Total Active Transportation Facilities** | | **1,750** | **1,750** | **1,750** | **1,750** | **1,750** | **1,750** | **10,500** |
| ***Regional Streets*** | | | | | | | | |
| **Street Improvements** | | | | | | | | |
| Traffic Signals Enhancement | 3-4 | **2,300** | **2,300** | **2,300** | **2,300** | **2,300** | **2,300** | **13,800** |
| Developer Payback - Various Locations | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) - First Call on 2009 Capital Budget - Dugald & Ravenhurst $1.8 million (Council July 16, 2008) | | **9,950** | **250** | **5,205** | **12,171** | | | **27,576** |
| - Developer Funding | | | | **295** | | | | **295** |
| Total Developer Payback - Various Locations | 3-5 | **9,950** | **250** | **5,500** | **12,171** | | | **27,871** |
| Kenaston Blvd - Academy Rd to Taylor Ave | 3-6 | | | **100** | **100** | **100** | **100** | **400** |
| Traffic Engineering Improvements - Various Locations | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **150** | **850** | **950** | **1,050** | **1,150** | **1,250** | **5,400** |
| - Federal Gas Tax | | **600** | | | | | | **600** |
| Total Traffic Engineering Improvements - Various Locations | 3-7 | **750** | **850** | **950** | **1,050** | **1,150** | **1,250** | **6,000** |
| Inkster Blvd - Keewatin St to Brookside Blvd | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **5,626** | **15,770** | | | | | **21,396** |
| - Provincial Funding for Road Improvements | | **7,900** | | | | | | **7,900** |
| - Developer Funding | | **1,706** | | | | | | **1,706** |
| Total Inkster Blvd - Keewatin St to Brookside Blvd | 3-8 | **15,232** | **15,770** | | | | | **31,002** |
| **Total Street Improvements** | | **28,232** | **19,170** | **8,850** | **15,621** | **3,550** | **3,650** | **79,073** |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| **Regional and Local Streets** | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **9,149** | **1,890** | **20,266** | **7,570** | **21,325** | **21,569** | **81,769** |
| - Federal Gas Tax | | **26,020** | **19,705** | **15,643** | **15,643** | **15,643** | **15,643** | **108,297** |
| - Provincial Building Manitoba Fund - Roads | | **7,000** | **7,000** | **7,000** | **7,000** | **7,000** | **7,000** | **42,000** |
| **Total Regional and Local Streets** | 3-9 | **42,169** | **28,595** | **42,909** | **30,213** | **43,968** | **44,212** | **232,066** |
| **Waterway Crossings and Grade Separations** | | | | | | | | |
| Sturgeon Rd Bridge (Sturgeon Creek) | 3-11 | | **1,000** | **1,033** | **10,977** | | | **13,010** |
| Osborne St Bridge (Assiniboine River) | 3-12 | **1,000** | **355** | **6,776** | **6,294** | | | **14,425** |
| Jubilee Ave Overpass (Pembina Hwy) | 3-13 | **896** | **7,638** | | | | | **8,534** |
| Waverley St / CN Mainline Grade Separation | 3-14 | | **1,119** | | | | | **1,119** |
| Louise Bridge (Red River) Replacement | 3-15 | | | | | **2,581** | **2,000** | **4,581** |
| Pembina Highway Underpass | 3-16 | | | **1,300** | | **7,000** | **6,000** | **14,300** |
| St. James Street Bridge (Omand's Creek) | 3-17 | | | | | **2,161** | | **2,161** |
| Ness Avenue Culvert (Sturgeon Creek) | 3-18 | | | | **1,000** | **2,000** | **8,000** | **11,000** |
| Waterway Crossing and Grade Separations - Annual Program | 3-19 | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **12,000** |
| Disraeli Bridge and Overpass Facility | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **2,000** | **2,000** | | | | | **4,000** |
| - Prior Years' Surplus | | **2,500** | | | | | | **2,500** |
| - Federal Gas Tax | | | **13,862** | **13,862** | **13,862** | **13,862** | **13,862** | **69,310** |
| - Public Private Partnership Lease Payments | | | **(13,862)** | **(13,862)** | **(13,862)** | **(13,862)** | **(13,862)** | **(69,310)** |
| Total Disraeli Bridge and Overpass Facility | 3-20 | **4,500** | **2,000** | | | | | **6,500** |
| Culvert Replacement Program - St. Matthews Ave (Omand's Creek) | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **192** | | | | | | **192** |
| - Federal Gas Tax | | **1,600** | | | | | | **1,600** |
| Total Culvert Replacement Program - St. Matthews Ave (Omand's Creek) | 3-21 | **1,792** | | | | | | **1,792** |
| Fort Garry Bridge Rehabilitation and Widening | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **1,140** | | | | | | **1,140** |
| - Federal Gas Tax | | **6,700** | | | | | | **6,700** |
| Total Fort Garry Bridge Rehabilitation and Widening | 3-22 | **7,840** | | | | | | **7,840** |
| Charleswood Bridge | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **1,478** | **1,478** | **1,478** | **1,478** | **1,478** | **1,478** | **8,868** |
| - Public Private Partnership Lease Payments | | **(1,478)** | **(1,478)** | **(1,478)** | **(1,478)** | **(1,478)** | **(1,478)** | **(8,868)** |
| Total Charleswood Bridge | 3-23 | | | | | | | |
| **Total Waterway Crossings and Grade Separations** | | **18,028** | **14,112** | **11,109** | **20,271** | **15,742** | **18,000** | **97,262** |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| **New Transportation Facilities** | | | | | | | | |
| Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **2,000** | | | | | | **2,000** |
| - Federal Gas Tax | | | **1,353** | **5,415** | **5,415** | **5,415** | **5,415** | **23,013** |
| - Public Private Partnership Lease Payments | | | **(1,353)** | **(5,415)** | **(5,415)** | **(5,415)** | **(5,415)** | **(23,013)** |
| Total Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd | 3-24 | **2,000** | | | | | | **2,000** |
| Kenaston Blvd - Waverley (re-alignment) to Waverley south of the Perimeter Highway | 3-25 | | | | | | **1,000** | **1,000** |
| **Total New Transportation Facilities** | | **2,000** | | | | | **1,000** | **3,000** |
| **Other Streets Projects** | | | | | | | | |
| Asset Management System - Various Divisions | 3-26 | | **100** | **100** | **100** | **100** | **100** | **500** |
| Land Drainage Sewers - Regional / Local Streets | 3-27 | | **150** | **150** | **150** | **150** | **150** | **750** |
| Sand / Salt Storage Facility | 3-28 | **100** | | | | | | **100** |
| Land Acquisition - Transportation Right of Way - First Call on 2009 Capital Budget, Widening of Waverley (Council July 16, 2008) | 3-29 | **1,961** | | | | | | **1,961** |
| City-Wide Accessibility Program | 3-30 | **350** | **350** | **350** | **350** | **350** | **350** | **2,100** |
| Winnipeg Transportation Strategy | 3-31 | **600** | **650** | | | | | **1,250** |
| **Total Other Streets Projects** | | **3,011** | **1,250** | **600** | **600** | **600** | **600** | **6,661** |
| **TOTAL STREETS PROJECTS** | | **95,190** | **64,877** | **65,218** | **68,455** | **65,610** | **69,212** | **428,562** |
| ***Parks and Open Space*** | | | | | | | | |
| Reforestation - Improvements | 3-32 | **383** | **383** | **383** | **433** | **383** | **383** | **2,348** |
| Athletic Fields - Improvements | 3-33 | **200** | **200** | **200** | **200** | **200** | **200** | **1,200** |
| Parks - Improvements | 3-34 | **900** | **808** | **262** | **617** | **677** | **653** | **3,917** |
| Playground Structures | 3-35 | **1,750** | **1,750** | **1,750** | **1,800** | **1,800** | **1,800** | **10,650** |
| Pathway / Roadway / Tennis Court Upgrading | 3-36 | **150** | | | **150** | **150** | **150** | **600** |
| Community Park Amenities | 3-37 | **1,500** | **1,500** | **1,500** | **1,500** | **1,500** | **1,500** | **9,000** |
| **Total Parks and Open Space** | | **4,883** | **4,641** | **4,095** | **4,700** | **4,710** | **4,686** | **27,715** |
| **TOTAL PUBLIC WORKS** | | **100,073** | **69,518** | **69,313** | **73,155** | **70,320** | **73,898** | **456,277** |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| ***LOCAL IMPROVEMENTS - Ongoing Program*** | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **1,077** | **1,080** | **80** | **80** | **80** | **80** | **2,477** |
| - Interim Financing (Repayment) | | **855** | **(1,000)** | | | | | **(145)** |
| - External Debt - Includes Riverbank Stabilization and Local Improvement Tax Financing Program of $3 million in 2009 | | **7,845** | **1,520** | **1,520** | **1,520** | **1,520** | **1,520** | **15,445** |
| **TOTAL LOCAL IMPROVEMENTS** | 3-38 | **9,777** | **1,600** | **1,600** | **1,600** | **1,600** | **1,600** | **17,777** |
| ***COMMUNITY SERVICES*** | | | | | | | | |
| Community Incentive Grant Program | 3-39 | **1,449** | **1,478** | **1,508** | **1,538** | **1,569** | **1,600** | **9,142** |
| Library Replacement - Various | 3-40 | **1,000** | **5,000** | | **3,000** | **3,000** | **2,000** | **14,000** |
| Library Shelving and Furniture Replacement Program | 3-41 | **500** | | | **200** | **500** | **200** | **1,400** |
| Integrated Property Based Information Systems | 3-42 | | **250** | **250** | | | | **500** |
| Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package | 3-43 | **160** | **160** | | | | | **320** |
| Insect Control - Secure Yard | 3-44 | **200** | | | | | | **200** |
| Renovate and Refurbish Various Library Branches | 3-45 | | | | **300** | **1,000** | **1,000** | **2,300** |
| Imaging and Document Management | 3-46 | **250** | **250** | **250** | | | | **750** |
| Library Technology Upgrade and Replacement | 3-47 | | **500** | | | | **500** | **1,000** |
| Recreational Facility Safety & Accessibility Improvements | 3-48 | **600** | **300** | | **400** | **400** | **500** | **2,200** |
| Library Signage, Safety and Accessibility | 3-49 | | | | **200** | **200** | **200** | **600** |
| New Recreation and Leisure Facility Equipment Program | 3-50 | **400** | | | | | | **400** |
| Business Application Systems | 3-51 | | | | | **250** | | **250** |
| Technology Upgrade and Replacement | 3-52 | | | | | | **250** | **250** |
| Assiniboine Park Amenities Improvements / Development | 3-53 | **2,000** | **2,000** | **2,000** | **2,000** | **3,000** | **3,000** | **14,000** |
| **TOTAL COMMUNITY SERVICES** | | **6,559** | **9,938** | **4,008** | **7,638** | **9,919** | **9,250** | **47,312** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***WINNIPEG POLICE SERVICE*** | | | | | | | | |
| Police Headquarters Renovations | 3-54 | | **1,452** | | | | | **1,452** |
| Replace Voice 2-Way Radio System | 3-55 | **6,298** | | | | | | **6,298** |
| Wireless Emergency 911 Upgrade | 3-56 | | **260** | | | | | **260** |
| Automated Fingerprint Identification System (AFIS) Replacement | 3-57 | | | **500** | | | | **500** |
| Police Priority Dispatch System | 3-58 | | **427** | | | | | **427** |
| Outdoor Shooting Range | 3-59 | **896** | | | | | | **896** |
| Central Processing Unit | 3-60 | | **4,188** | | | | | **4,188** |
| Identification Unit - Forensic Services | 3-61 | **768** | | | **7,611** | **8,220** | | **16,599** |
| Winnipeg Police Service Communications | 3-62 | | | **7,193** | | | | **7,193** |
| Digital Recording - Interview Rooms | 3-63 | | | | **523** | | | **523** |
| Information Systems - Unified Management, Storage, and Archiving System | 3-64 | | | | | | **593** | **593** |
| Mobile Laptops | 3-65 | | | | | **1,200** | | **1,200** |
| Evidence Control Building | 3-66 | | | | | | **6,556** | **6,556** |
| Police Building Replacement | | | | | | | | |
| - Public Private Partnership Authorization | | **3,734** | | | | | | **3,734** |
| - Cash to Capital (Equity in Capital Assets Fund) | | **891** | **891** | **2,258** | **3,816** | **3,915** | **3,915** | **15,686** |
| - Public Private Partnership Lease Payments | | **(891)** | **(891)** | **(2,258)** | **(3,816)** | **(3,915)** | **(3,915)** | **(15,686)** |
| Total Police Building Replacement | 3-67 | **3,734** | | | | | | **3,734** |
| **TOTAL WINNIPEG POLICE SERVICE** | | **11,696** | **6,327** | **7,693** | **8,134** | **9,420** | **7,149** | **50,419** |
| ***FIRE PARAMEDIC SERVICE*** | | | | | | | | |
| Facilities Replacement and Relocation Program | 3-68 | | **2,600** | | **840** | **850** | **858** | **5,148** |
| **TOTAL FIRE PARAMEDIC SERVICE** | | | **2,600** | | **840** | **850** | **858** | **5,148** |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| ***PLANNING, PROPERTY AND DEVELOPMENT*** | | | | | | | | |
| Computer Automation | 3-69 | | 200 | 200 | 200 | 200 | 200 | 1,000 |
| Riverbank Greenway Programs | 3-70 | 178 | 385 | 403 | 551 | 381 | 448 | 2,346 |
| Cemeteries - Improvements | 3-71 | 400 | 400 | 300 | 200 | 200 | 200 | 1,700 |
| Downtown Enhancement Program | 3-72 | 400 | 400 | 400 | 400 | 400 | 400 | 2,400 |
| Image Route Enhancements / Streetscaping | 3-73 | | 400 | 400 | 400 | 400 | 400 | 2,000 |
| Expand Property Management and Integrate with Public Works Work Management System | 3-74 | 112 | | | | | | 112 |
| Riverbank Access Park and Dock Network | 3-75 | 100 | | | | | | 100 |
| Public Art Strategy | 3-76 | 500 | 500 | 500 | 500 | 500 | 500 | 3,000 |
| Land Acquisition for General Unspecified Purposes | 3-77 | | 200 | 300 | 400 | 400 | 400 | 1,700 |
| Developer Payback | 3-78 | 454 | 290 | 261 | 88 | | | 1,093 |
| Central Park Redevelopment | 3-79 | 1,000 | | | | | | 1,000 |
| Riverbank Stabilization Grant Program | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | 500 | | | | | | 500 |
| - Manitoba Winnipeg Infrastructure Program (MWIP) | | 500 | | | | | | 500 |
| Total Riverbank Stabilization Grant Program | 3-80 | 1,000 | | | | | | 1,000 |
| Riverbank Stabilization - Physical Asset Protection | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | 100 | 100 | 1,000 | 1,000 | 1,000 | 1,000 | 4,200 |
| - Manitoba Winnipeg Infrastructure Program (MWIP) | | 500 | 900 | | | | | 1,400 |
| Total Riverbank Stabilization - Physical Asset Protection | 3-81 | 600 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,600 |
| Building Communities | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | | 1,325 | 100 | 100 | 500 | 500 | 2,525 |
| - Manitoba Winnipeg Infrastructure Program (MWIP) | | | 1,325 | 100 | 100 | 500 | 500 | 2,525 |
| Total Building Communities | 3-82 | | 2,650 | 200 | 200 | 1,000 | 1,000 | 5,050 |
| **TOTAL PLANNING, PROPERTY AND DEVELOPMENT** | | 4,744 | 6,425 | 3,964 | 3,939 | 4,481 | 4,548 | 28,101 |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Budget | Forecast | | | | | 2009-2014 6 YEAR TOTAL |
| | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | |
| ***CIVIC ACCOMMODATIONS*** | | | | | | | | |
| General Building Renovation and Refurbishing | 3-83 | | 500 | 500 | 500 | 500 | 500 | 2,500 |
| Civic Buildings - Barrier Free Access | 3-84 | | | 300 | 300 | | 230 | 830 |
| Removal of Asbestos | 3-85 | 100 | 300 | 100 | 124 | 100 | 500 | 1,224 |
| Roof Replacement | 3-86 | 500 | 800 | 200 | 200 | 250 | 400 | 2,350 |
| Fire Safety Upgrading - Various Locations | 3-87 | 200 | 500 | 200 | 200 | 200 | 400 | 1,700 |
| Police Headquarters | 3-88 | 5,367 | | | | | | 5,367 |
| Energy Conservation | 3-89 | | 300 | | 200 | | 200 | 700 |
| Civic Centre Car Park Tunnel | 3-90 | | | | 200 | | | 200 |
| Tenant Improvement Prepayment - Major Department | 3-91 | | | | 500 | | 500 | 1,000 |
| Historic Building Stabilization | 3-92 | 500 | 400 | | 200 | 200 | 200 | 1,500 |
| Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades | 3-93 | | 900 | | 200 | 500 | 500 | 2,100 |
| Building Envelope - Evaluation and Emergency Repair | 3-94 | 500 | 1,000 | | 200 | | 200 | 1,900 |
| Elevator and Escalator Repair | 3-95 | | 800 | 400 | 200 | 300 | 300 | 2,000 |
| 510 Main Street - Generator Set Replacement | 3-96 | | | | | 1,600 | | 1,600 |
| Surface Parking Lot Repairs | 3-97 | | 200 | 200 | 200 | 200 | 200 | 1,000 |
| Generator Set Replacement and Upgrades | 3-98 | | | | | 200 | | 200 |
| Electrical Distribution System Upgrades | 3-99 | | | | | 200 | | 200 |
| **TOTAL CIVIC ACCOMMODATIONS** | | 7,167 | 5,700 | 1,900 | 3,224 | 4,250 | 4,130 | 26,371 |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***BUILDING SERVICES*** | | | | | | | | |
| Community Centres - Refurbishing and Improvements | 3-100 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Arenas | 3-101 | **525** | **525** | **525** | **525** | **525** | **525** | **3,150** |
| Indoor Aquatic Facilities | 3-102 | **2,450** | **2,450** | **2,450** | **2,530** | **2,530** | **2,530** | **14,940** |
| Outdoor Aquatic Facilities | 3-103 | **250** | **350** | **350** | **350** | **350** | **330** | **1,980** |
| Community Facilities | 3-104 | **200** | **200** | **200** | **200** | **200** | **200** | **1,200** |
| Fire / Life Safety Replacement / Asbestos Abatement | 3-105 | **225** | **225** | **225** | **225** | **225** | **225** | **1,350** |
| Security / Building Automation Systems Initiatives | 3-106 | **125** | **125** | **125** | **125** | **125** | **225** | **850** |
| Building Asset / Work Management Program | 3-107 | **200** | **100** | **100** | **100** | **100** | **200** | **800** |
| UFF - Hockey Pen Light Standard Replacement | 3-108 | **100** | **100** | **100** | **100** | **100** | **300** | **800** |
| Recreation and Leisure Facilities | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | | **860** | **8,000** | **1,000** | | | **9,860** |
| - General Purpose Reserve (Repayment) | | | | **(8,000)** | **(1,000)** | | | **(9,000)** |
| - Transfer from Sewage Disposal Utility Capital Program | | | **3,292** | | | | | **3,292** |
| - Canada Strategic Infrastructure Fund - Province | | **3,638** | **3,112** | | | | | **6,750** |
| - Interim Financing (Repayment) | | **(1,513)** | **(7,164)** | | | | | **(8,677)** |
| Total Recreation and Leisure Facilities | 3-109 | **2,125** | **100** | | | | | **2,225** |
| **TOTAL BUILDING SERVICES** | | **6,700** | **4,675** | **4,575** | **4,655** | **4,655** | **5,035** | **30,295** |
| ***CITY CLERKS*** | | | | | | | | |
| Office Automation | 3-110 | **200** | | **200** | | **200** | | **600** |
| Corporate Records Centre | 3-111 | | | | **200** | | | **200** |
| Election Systems | 3-112 | **150** | **150** | | | **150** | **200** | **650** |
| Voting Machine Replacement | 3-113 | **1,500** | **250** | | | | | **1,750** |
| City Archives | 3-114 | | **500** | **500** | **500** | **500** | **500** | **2,500** |
| Security for Council Building | 3-115 | **100** | **200** | | | | | **300** |
| **TOTAL CITY CLERKS** | | **1,950** | **1,100** | **700** | **700** | **850** | **700** | **6,000** |

| ***CAPITAL PROJECTS SUMMARY***<br>*(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| ***CORPORATE SUPPORT SERVICES*** | | | | | | | | |
| E-Government | 3-116 | **150** | **528** | **535** | **617** | **629** | **705** | **3,164** |
| Communications Network Infrastructure | 3-117 | **92** | **633** | **638** | **643** | **277** | **641** | **2,924** |
| Network Computing Initiatives | 3-118 | **216** | **209** | **211** | **213** | **213** | **212** | **1,274** |
| PeopleSoft Upgrade | 3-119 | | | **1,500** | **1,000** | **500** | **646** | **3,646** |
| Data Warehouse / Business Intelligence | 3-120 | **125** | **520** | **200** | | **169** | **203** | **1,217** |
| **TOTAL CORPORATE SUPPORT SERVICES** | | **583** | **1,890** | **3,084** | **2,473** | **1,788** | **2,407** | **12,225** |
| ***ASSESSMENT AND TAXATION*** | | | | | | | | |
| Assessment Automation | 3-121 | **500** | **1,000** | | **500** | | | **2,000** |
| ***OTHER PROJECTS*** | | | | | | | | |
| Innovative Capital | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **1,586** | **404** | **46** | **35** | | **733** | **2,804** |
| - Prior Years' Surplus | | **1,425** | | | | | | **1,425** |
| - General Purpose Reserve (Repayment) | | **(12)** | **(250)** | | | | | **(262)** |
| Total Innovative Capital | 3-122 | **2,999** | **154** | **46** | **35** | | **733** | **3,967** |
| Capital Investment Fund | 3-123 | | **6,138** | **6,138** | **6,138** | **6,138** | **6,138** | **30,690** |
| **TOTAL OTHER PROJECTS** | | **2,999** | **6,292** | **6,184** | **6,173** | **6,138** | **6,871** | **34,657** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***TRANSIT*** | | | | | | | | |
| Transit Security Enhancements | 3-124 | **250** | **250** | | | | | **500** |
| Fare Collection System | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | | **3,000** | **5,500** | | | | **8,500** |
| - Interim Financing | | **3,000** | **2,500** | **(5,500)** | | | | |
| - Transfer from Prior Authorization (2007) | | **1,000** | | | | | | **1,000** |
| Fare Collection System | 3-125 | **4,000** | **5,500** | | | | | **9,500** |
| Innovative Transit Program | 3-126 | **700** | **800** | **800** | **800** | **1,000** | **1,000** | **5,100** |
| Transit Building Replacement / Refurbishment | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | | | **1,413** | **3,842** | **5,597** | **5,970** | **16,822** |
| - Federal Gas Tax | | | **6,109** | **6,109** | **6,109** | **6,109** | **6,109** | **30,545** |
| Total Transit Building Replacement / Refurbishment | 3-127 | | **6,109** | **7,522** | **9,951** | **11,706** | **12,079** | **47,367** |
| Transit Buses | | | | | | | | |
| - Cash to Capital (Equity in Capital Assets Fund) | | **1,643** | **1,475** | **82** | | | | **3,200** |
| - Transit Bus Replacement Reserve | | **7,920** | **8,797** | **10,135** | **12,445** | **12,745** | **13,060** | **65,102** |
| - Rapid Transit Infrastructure Reserve | | | | **4,242** | | | | **4,242** |
| - Provincial Building Manitoba Fund | | **3,840** | **3,840** | **3,840** | **3,840** | **3,840** | **3,840** | **23,040** |
| - Public Transit Capital Trust/Bill C-66 Funding | | **1,000** | **1,000** | | | | | **2,000** |
| Total Transit Buses | 3-128 | **14,403** | **15,112** | **18,299** | **16,285** | **16,585** | **16,900** | **97,584** |
| Southwest Rapid Transit Corridor - Stage 1 - First Call on 2009 Capital Budget, $67 million (Council October 22, 2008) | | | | | | | | |
| - Federal Government | | **17,500** | | | | | | **17,500** |
| - Rapid Transit Infrastructure Reserve | | **2,750** | | | | | | **2,750** |
| - Transfer from Other Authorized Transit Projects | | **10,500** | | | | | | **10,500** |
| - External Debt | | **89,750** | | | | | | **89,750** |
| - Provincial Government Funding | | **17,500** | | | | | | **17,500** |
| Total Southwest Rapid Transit Corridor - Stage 1 | 3-129 | **138,000** | | | | | | **138,000** |
| Transit Improvements | | | | | | | | |
| - Federal Gas Tax | 3-130 | **6,109** | | | | | | **6,109** |
| Transportation Authority Study | 3-131 | **1,250** | | | | | | **1,250** |
| **TOTAL TRANSIT** | | **164,712** | **27,771** | **26,621** | **27,036** | **29,291** | **29,979** | **305,410** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***WATER & WASTE*** | | | | | | | | |
| ***Land Drainage and Flood Control - Tax Supported Portion*** | | | | | | | | |
| **Land Drainage and Flood Control - Regional** | | | | | | | | |
| ***Financed by Equity in Capital Assets:*** | | | | | | | | |
| Stormwater Retention Basin Rehabilitation | 3-132 | **200** | **200** | **200** | **400** | **400** | **400** | **1,800** |
| Flood Pumping Station Rehabilitation | 3-133 | **900** | **1,000** | **1,000** | **1,000** | **1,000** | **1,000** | **5,900** |
| Land Drainage and Combined Sewers Outfall Gate Structures | 3-134 | **1,450** | **1,450** | **1,450** | **1,500** | **1,500** | **1,500** | **8,850** |
| Floodplain Management | 3-135 | **200** | **500** | | | | | **700** |
| Seine River Waterway Acquisition | 3-136 | | **150** | **150** | **150** | **150** | **150** | **750** |
| Primary Dike Upgrading | 3-137 | | **300** | **1,500** | **1,390** | **1,500** | **948** | **5,638** |
| Land Drainage Safety Upgrading Program | 3-138 | | **200** | **100** | **200** | **200** | **200** | **900** |
| Land Drainage Asset Management Strategy | 3-139 | | | **200** | | | | **200** |
| Portable Flood Pumps | 3-140 | **250** | | | | | | **250** |
| Flood Equipment Storage Facility | 3-141 | **500** | | | | | | **500** |
| ***Financed by Frontage Levy:*** | | | | | | | | |
| Combined Sewer Flood Relief | 3-142 | **7,200** | **7,200** | **7,200** | **7,200** | **7,200** | **7,200** | **43,200** |
| Flood Relief Sewers - Separate | 3-143 | **300** | **300** | **300** | **300** | **300** | **300** | **1,800** |
| ***Financed by Developer Capacity Charges:*** | | | | | | | | |
| Development Agreement Paybacks | 3-144 | **350** | **500** | | | **500** | | **1,350** |
| Fernbank Ave Land Drainage Sewer | 3-145 | | | **875** | | | | **875** |
| **Total Land Drainage and Flood Control - Regional** | | **11,350** | **11,800** | **12,975** | **12,140** | **12,750** | **11,698** | **72,713** |
| **Land Drainage and Flood Control - Residential** | | | | | | | | |
| Outfall Rehabilitation - Cash to Capital (Equity in Capital Assets Fund) | 3-146 | **750** | **600** | **550** | **800** | **800** | **800** | **4,300** |
| **Total Land Drainage and Flood Control - Residential** | | **750** | **600** | **550** | **800** | **800** | **800** | **4,300** |
| **TOTAL LAND DRAINAGE AND FLOOD CONTROL** | | **12,100** | **12,400** | **13,525** | **12,940** | **13,550** | **12,498** | **77,013** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| | | Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | |
| ***WATER WORKS SYSTEM*** | | | | | | | | |
| ***Financed by Waterworks Retained Earnings:*** | | | | | | | | |
| Saskatchewan Avenue Feedermain | 3-147 | | | | | **3,800** | | **3,800** |
| Water Supervisory Control and Data Acquisition (SCADA) Upgrade | 3-148 | | | **1,800** | **2,900** | | | **4,700** |
| Shoal Lake Aqueduct Intake Structure Condition Assessment | 3-149 | **800** | **1,000** | | | | | **1,800** |
| Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement | 3-150 | **2,500** | | | | | | **2,500** |
| Shoal Lake Intake Chloramination Facility | 3-151 | | | **2,000** | | | | **2,000** |
| General Water Infrastructure Rehabilitation | 3-152 | | **300** | **300** | **300** | **300** | **500** | **1,700** |
| Waverley West Feedermain | 3-153 | **3,400** | | | **7,500** | | | **10,900** |
| Feedermain Condition Assessment and Rehabilitation | 3-154 | | | | | | **1,000** | **1,000** |
| Water Utility Asset Management Strategy | 3-155 | | **200** | | | | | **200** |
| Water Supply Valve Installation / Replacement Program | 3-156 | **1,500** | **1,500** | **1,500** | **750** | **750** | **750** | **6,750** |
| Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility) | 3-157 | | **700** | | | | | **700** |
| Hurst Pumping Station Building - Structural Repairs | 3-158 | | **1,000** | | | | | **1,000** |
| Chlorination Decommission at Regional Pump Stations | 3-159 | | **100** | | | | | **100** |
| Safety Upgrades - Isolation Valves at Valve and Meter Pits | 3-160 | **300** | **300** | | | | | **600** |
| Deacon Chemical Feed Facility Upgrading | 3-161 | | | **1,000** | | | | **1,000** |
| Regional Pumping Stations Structural Upgrades | 3-162 | | | **500** | | | | **500** |
| Safety Upgrades - Wilkes Reservoir "B" Pit | 3-163 | | | **600** | | | | **600** |
| Asbestos Containing Materials Operations & Maintenance Program | 3-164 | | **125** | **125** | **125** | | | **375** |
| Branch 1 Aqueduct at Seine River - Riverbank Stabilization | 3-165 | **200** | **1,000** | | | | | **1,200** |
| Regional Pumping Stations Reliability Upgrades | 3-166 | | | | **1,600** | **750** | **750** | **3,100** |
| Waterworks System Security Upgrades | 3-167 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Regulatory Assessments of Water System Infrastructure and Water Supply Sources | 3-168 | **750** | | | | | | **750** |
| Arc Flash Hazard Analysis and Remediation | 3-169 | **525** | | | | | | **525** |
| GIS Database Restructuring and Data Integrity Upgrades | 3-170 | **70** | | | | | | **70** |
| Environmental Services Laboratory Facility Upgrades - (NEWPCC) | 3-171 | **150** | | | | | | **150** |
| Customer Information and Services System Project (CISS) - Phase 2 | 3-172 | **512** | **1,025** | | | | | **1,537** |
| Cost of Service Rates Study | 3-173 | **250** | **150** | | | | | **400** |
| Municipal Corporate Utility Business Plan | 3-174 | **625** | | | | | | **625** |
| **Total Financed by Waterworks Retained Earnings** | | **12,082** | **7,900** | **8,325** | **13,675** | **6,100** | **3,500** | **51,582** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***WATER WORKS SYSTEM (continued)*** | | | | | | | | |
| ***Financed by Other Sources:*** | | | | | | | | |
| Watermain Renewals | | | | | | | | |
| - Watermain Renewal Reserve | | **7,000** | **7,000** | **7,000** | **7,000** | **7,000** | **7,000** | **42,000** |
| - Retained Earnings | | **3,000** | **3,000** | **3,000** | **3,000** | **3,000** | **3,000** | **18,000** |
| Total Watermain Renewals | 3-175 | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **60,000** |
| Shoal Lake Aqueduct Asset Preservation | | | | | | | | |
| - Aqueduct Rehabilitation Reserve | | **300** | | | | | | **300** |
| - Retained Earnings | | | **600** | **600** | **1,000** | | | **2,200** |
| Total Shoal Lake Aqueduct Asset Preservation | 3-176 | **300** | **600** | **600** | **1,000** | | | **2,500** |
| **TOTAL WATERWORKS SYSTEM (Utility Supported)** | | **22,382** | **18,500** | **18,925** | **24,675** | **16,100** | **13,500** | **114,082** |
| ***SEWAGE DISPOSAL SYSTEM*** | | | | | | | | |
| **Sewage Disposal System - Regional** | | | | | | | | |
| ***Financed by Sewage Disposal System Retained Earnings:*** | | | | | | | | |
| Lift Stations Upgrading | 3-177 | **750** | **750** | **750** | **750** | **750** | **750** | **4,500** |
| Inflow / Infiltration / Cross-Connection Study and Mitigation | 3-178 | | | | | | **2,000** | **2,000** |
| Sewer System Isolation in Areas Protected by Secondary Dikes | 3-179 | | | **500** | **1,000** | **1,000** | | **2,500** |
| Raw Sewage Pump Replacement - NEWPCC | 3-180 | | **2,550** | | | | | **2,550** |
| Waverley West Interceptor Sewer | 3-181 | **4,600** | | | | | | **4,600** |
| Upgrading External Power Supply - NEWPCC | 3-182 | | | | **6,000** | | | **6,000** |
| Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres (Formerly Septage Acceptance Facility - WPCC) | 3-183 | **2,150** | | | | | | **2,150** |
| Re-Roofing at Water Pollution Control Centres | 3-184 | | **400** | | **400** | | **400** | **1,200** |
| Centrifuge Replacement - NEWPCC | 3-185 | | | **9,500** | | | | **9,500** |
| River Crossings Monitoring and Rehabilitation | 3-186 | **2,300** | **1,300** | **1,300** | **1,300** | **1,300** | **1,300** | **8,800** |
| Asbestos Containing Materials Operations & Maintenance Program | 3-187 | | **125** | **125** | **125** | | | **375** |
| Digester Area Upgrades - NEWPCC | 3-188 | | **900** | | | | | **900** |
| Water Pollution Control Centre Reliability Upgrades | 3-189 | | **5,000** | **5,000** | | **5,000** | **5,000** | **20,000** |
| Wastewater System Security Upgrades | 3-190 | **500** | | | | | | **500** |
| HVAC Replacement - WEWPCC | 3-191 | **1,000** | | | | **4,000** | **5,000** | **10,000** |
| Traffic Safety Upgrades - NEWPCC | 3-192 | **200** | | | | **1,800** | | **2,000** |
| Holding Tanks Coating - NEWPCC | 3-193 | **100** | | | | **2,550** | | **2,650** |
| Primary Clarifier Covers - NEWPCC | 3-194 | | | | | **19,600** | | **19,600** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***SEWAGE DISPOSAL SYSTEM (continued)*** | | | | | | | | |
| Wastewater Utility Asset Management Strategy | 3-195 | **200** | **200** | | | | | **400** |
| GIS Database Restructuring and Data Integrity Upgrades | 3-196 | **70** | | | | | | **70** |
| Laboratory Facility Upgrades - (NEWPCC) | 3-197 | **150** | | | | | | **150** |
| Customer Information and Services System project (CISS) - Phase 2 | 3-198 | **512** | **1,025** | | | | | **1,537** |
| Cost of Service Rates Study | 3-199 | **250** | **150** | | | | | **400** |
| New Discharge Chamber - (NEWPCC) | 3-200 | **500** | | | **15,000** | | | **15,500** |
| New Surgewell - (NEWPCC) | 3-201 | **1,000** | **4,000** | **9,000** | | | | **14,000** |
| Grit Handling Upgrades - (NEWPCC) | 3-202 | | | **11,700** | | | | **11,700** |
| Municipal Corporate Utility Business Plan and Strategic Partner Development | 3-203 | **3,625** | | | | | | **3,625** |
| **Total Financed by Sewage Disposal Retained Earnings** | | **17,907** | **16,400** | **37,875** | **24,575** | **36,000** | **14,450** | **147,207** |
| ***Financed by Other Sources:*** | | | | | | | | |
| Environmental Impact Statement and Public Hearings - Environmental Reserve | 3-204 | **100** | **100** | **200** | **200** | **100** | **100** | **800** |
| Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve | 3-205 | **7,000** | **8,000** | **9,000** | **9,000** | **10,000** | **10,000** | **53,000** |
| Biosolids - Alternative Disposal Delivery & Management System | | | | | | | | |
| - Environmental Reserve | | **4,350** | | **14,955** | **12,191** | **11,325** | **11,314** | **54,135** |
| - External Debt | | | | | | | **6,865** | **6,865** |
| Total Biosolids - Alternative Disposal Delivery & Management System | 3-206 | **4,350** | | **14,955** | **12,191** | **11,325** | **18,179** | **61,000** |
| Effluent Disinfection and Nutrient Removal - WEWPCC - External Debt | 3-207 | **4,190** | | | | | | **4,190** |
| Nutrient Removal / Expansion - SEWPCC | | | | | | | | |
| - Canada Strategic Infrastructure Fund (CSIF) - Federal | | **6,000** | **8,035** | | | | | **14,035** |
| - Canada Strategic Infrastructure Fund (CSIF) - Provincial | | **14,608** | **10,392** | | | | | **25,000** |
| - External Debt | | **46,525** | **48,865** | | | | | **95,390** |
| - Prior Years' Authorized External Debt | | **5,867** | | | | | | **5,867** |
| - Transfer to General Capital Fund | | | **(3,292)** | | | | | **(3,292)** |
| Total Nutrient Removal - SEWPCC | 3-208 | **73,000** | **64,000** | | | | | **137,000** |

| ***CAPITAL PROJECTS SUMMARY*** *(in Thousands of $)* | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***SEWAGE DISPOSAL SYSTEM (continued)*** | | | | | | | | |
| Nutrient Removal - NEWPCC | | | | | | | | |
| - External Debt | 3-210 | | **21,000** | **150,000** | **150,000** | **65,000** | | **386,000** |
| **Total Sewage Disposal System - Regional** | | **106,547** | **109,500** | **212,030** | **195,966** | **122,425** | **42,729** | **789,197** |
| Sewer Renewal | | | | | | | | |
| - Sewer System Rehabilitation Reserve | | **12,600** | **12,600** | **12,600** | **12,600** | **12,600** | **12,600** | **75,600** |
| - Retained Earnings | | **3,000** | | | | | | **3,000** |
| Total Sewer Renewal | 3-211 | **15,600** | **12,600** | **12,600** | **12,600** | **12,600** | **12,600** | **78,600** |
| **TOTAL SEWAGE DISPOSAL SYSTEM** | | **122,147** | **122,100** | **224,630** | **208,566** | **135,025** | **55,329** | **867,797** |
| ***SOLID WASTE DISPOSAL SYSTEM*** | | | | | | | | |
| ***Financed by Solid Waste Disposal Retained Earnings:*** | | | | | | | | |
| Summit Landfill Closure / Post-Closure | 3-212 | **200** | **400** | **400** | **400** | | | **1,400** |
| Miscellaneous Land Acquisition | 3-213 | **350** | | | | | **200** | **550** |
| Organics Diversion Program Expansion | 3-214 | **200** | | | | | | **200** |
| Environmental Act Licence for Brady Landfill | 3-215 | | **400** | | | | | **400** |
| Brady Landfill Staff Building | 3-216 | **1,250** | | | | | | **1,250** |
| Landfill Cell Excavation | | | | | | | | |
| - Retained Earnings | | | **48** | | | | | **48** |
| - External Debt | | | **2,827** | | | | **4,500** | **7,327** |
| Landfill Cell Excavation | 3-217 | | **2,875** | | | | **4,500** | **7,375** |
| Brady Landfill Gas Capture Project | | | | | | | | |
| - Provincial Government Funding | | | **4,450** | | | | | **4,450** |
| - External Debt | | | **4,450** | | | | | **4,450** |
| Total Brady Landfill Gas Capture Project | 3-218 | | **8,900** | | | | | **8,900** |
| **TOTAL SOLID WASTE DISPOSAL SYSTEM** | | **2,000** | **12,575** | **400** | **400** | | **4,700** | **20,075** |

**The City of Winnipeg**

# Capital Projects Detail

2009
Preliminary Capital Budget

and

2010 to 2014
Five Year Forecast

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**Note:**
Capital budget amounts are estimates only and are subject to materials management policy (e.g. tenders, bids, and contract awards including Public Private Partnership proposals).

Project Name: **New Regional Sidewalks**

Department: Public Works
Project: 183200XX09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 250 | 250 | 250 | 250 | 250 | 250 | 1,250 | 1,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 250 | 250 | 250 | 250 | 250 | 250 | 1,250 | 1,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 213 | 250 | 250 | 250 | 250 | 250 | 38 | 1,500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 213 | 250 | 250 | 250 | 250 | 250 | 38 | 1,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 13 | 15 | 15 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 20 | 44 |
| **SURPLUS/(DEFICIT)** | 13 | (5) | (29) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program for the construction of new sidewalks on regional streets where none presently exist and where provision is warranted.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Active Transportation Corridors**

Department: Public Works
Project: 183200XX09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 425 | 500 | 500 | 500 | 500 | 500 | 75 | 3,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 425 | 500 | 500 | 500 | 500 | 500 | 75 | 3,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 26 | 30 | 30 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 51 | 98 | 145 |
| **SURPLUS/(DEFICIT)** | (25) | (68) | (115) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Marking of "sharrows" symbol on the road and associated signage.

Project Name: **Recreational Walkways and Bike Paths - Various Locations**

Department: Public Works
Project: 183200XX09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 6,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 1,000 | 1,000 | 1,000 | 3,000 | 3,000 |
| Provincial Funding for Road Improvements | 3,500 | 1,000 | 1,000 | 1,000 | | | | 2,000 | 3,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | 1,000 | 1,000 | 850 | 1,000 | 1,000 | 150 | 6,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | - | - | 850 | 1,000 | 1,000 | 150 | 3,000 |
| Provincial Funding for Road Improvements | 1,000 | 1,000 | 1,000 | | | | | 3,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 60 | 60 | 60 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | 60 | 60 | 60 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Program for the construction of new recreational walkways and bike paths facilities where no walkway or cycle facility presently exists, and where the provision of such a facility is warranted.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Traffic Signals Enhancement**

Department: Public Works
Project: 183200XX09

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 11,500 | 13,800 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 11,500 | 13,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,955 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 345 | 13,800 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,955 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 345 | 13,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 117 | 138 | 138 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 186 | 405 |
| **SURPLUS/(DEFICIT)** | 117 | (48) | (267) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A program whose main goal is to improve the movement of people and goods using the transportation system by improving the coordination of traffic signals along major corridors in the City.

- Increases existing system capacity by providing full monitoring capability of local controller operations.
- Provides a multi-protocol communications system that allows for the use of the existing field equipment as well as for the future procurement of different controller types from different manufacturers.
- Provides capacity for future system expansion.
- Upgrades remaining electro-mechanical signal controllers to full electronic technology.
- Minimizes on-going communications costs by using standard low speed communications circuits (both wireline and wireless) with up to 32 intersections per circuit, and maximizing the use of local intersection control equipment for both local and coordinated operations (and as a backup in the event of a communications failure).

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Developer Payback - Various Locations**

Department: Public Works
Project: 180700xx09

Capital Priority Rating: 2 - 3
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 9,950 | 250 | 5,500 | 12,171 | - | - | 17,921 | 27,871 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 9,950 | 250 | 5,205 | 12,171 | | | 17,626 | 27,576 |
| Developer Funding | | | | 295 | | | | 295 | 295 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 9,950 | 250 | 5,500 | 12,171 | - | - | - | 27,871 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 9,950 | 250 | 5,205 | 12,171 | | | | 27,576 |
| Developer Funding | - | - | 295 | - | - | - | - | 295 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 597 | 15 | 330 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 947 | 971 |
| **SURPLUS/(DEFICIT)** | 597 | (932) | (641) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A development agreement payback is the required funding to enable the City to fulfill a Council approved contractual obligation for certain works constructed by the developer within the right-of-way.

| Funds will be allocated to: | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Total |
|---|---|---|---|---|---|---|---|
| Concordia Avenue interchange | 250 | 250 | | | | | 500 |
| Lagimodiere Boulevard & Warde Avenue intersection | | | | 300 | | | 300 |
| Adsum Drive | 400 | | | | | | 400 |
| Ravenhurst and Dugald intersection | 1,800 | | | | | | 1,800 |
| Kenaston Boulevard extension & Bishop Grandin intersection | 7,500 | | | | | | 7,500 |
| Waverley Street twinning Tim Sale to northern limit of Ladco property | | | 2,100 | | | | 2,100 |
| Waverley Street twinning northern limit of Ladco property to Bison Dr. | | | 3,400 | | | | 3,400 |
| Plessis Road twinning | | | | 11,871 | | | 11,871 |
| | 9,950 | 250 | 5,500 | 12,171 | - | - | 27,871 |

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Kenaston Boulevard - Academy Road to Taylor Avenue**

Department: Public Works
Project: 1803000601
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate * | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,900 | - | - | 100 | 100 | 100 | 100 | 400 | 400 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 100 | 100 | 100 | 100 | 400 | 400 |
| Federal Gas Tax | | | | | | | | - | - |

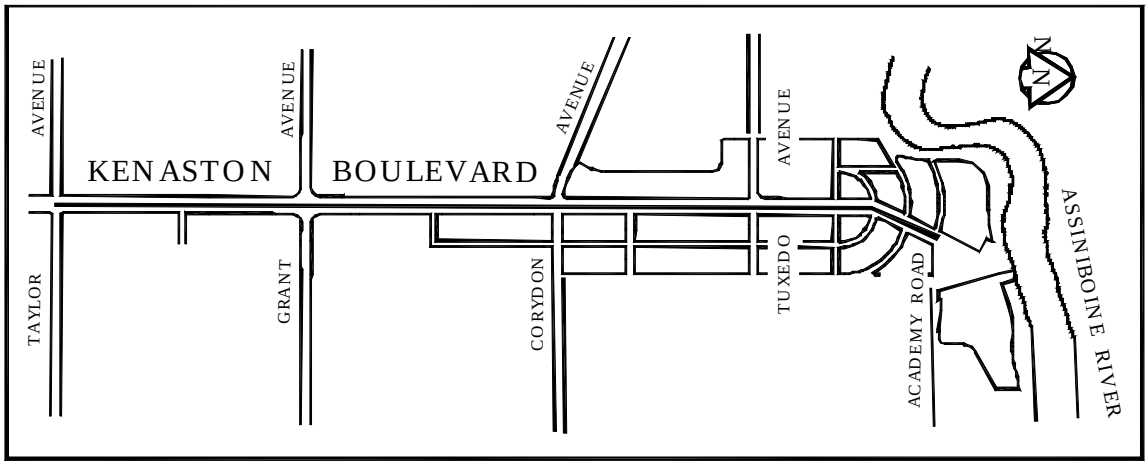
| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 85 | 100 | 100 | 100 | 15 | 400 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | - | 85 | 100 | 100 | 100 | 15 | 400 |
| Federal Gas Tax | - | - | - | - | - | - | - | - |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 0 | - | 5 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 247 | 276 | 276 |
| **SURPLUS/(DEFICIT)** | (247) | (276) | (271) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The estimate includes funding for the provision of maintenance of the roadway until the facility is reconstructed. On April 19, 1995, Council approved the expenditure of $100,000 annually until the construction of the permanent rehabilitation.

* Due to available unspent balances, no program authorization required.



Project Name: **Traffic Engineering Improvements - Various Locations**

Department: Public Works
Project: 183100xx09
Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 750 | 850 | 950 | 1,050 | 1,150 | 1,250 | 5,250 | 6,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 150 | 850 | 950 | 1,050 | 1,150 | 1,250 | 5,250 | 5,400 |
| Federal Gas Tax | | 600 | | | | | | - | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 728 | 745 | 935 | 1,035 | 1,135 | 1,235 | 188 | 6,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 128 | 745 | 935 | 1,035 | 1,135 | 1,235 | 188 | 5,400 |
| Federal Gas Tax | 600 | - | - | - | - | - | - | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 44 | 45 | 56 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 12 | 83 |
| **SURPLUS/(DEFICIT)** | 44 | 33 | (27) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an annual program which includes city-wide installation of:

new traffic control signals and pedestrian corridors, audible pedestrian signals, roadside safety improvements, traffic calming measures, miscellaneous geometric improvements, traffic sign replacements, railway crossing safety improvements, and a traffic signals system enhancement program.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Inkster Boulevard - Keewatin Street to Brookside Boulevard**

Department: Public Works
Project: 1804000508

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

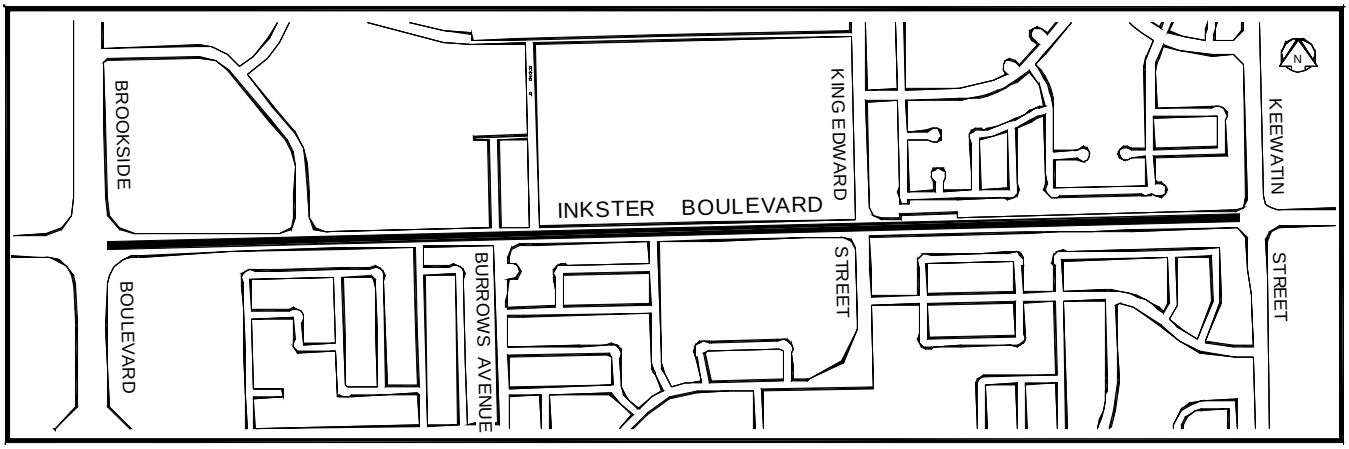
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,100 | 15,232 | 15,770 | - | - | - | - | 15,770 | 31,002 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 5,626 | 15,770 | | | | | 15,770 | 21,396 |
| Developer Funding | | 1,706 | | | | | | - | 1,706 |
| Provincial Funding for Road Improvements | 1,100 | 7,900 | | | | | | - | 7,900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 14,388 | 14,249 | 2,365 | - | - | - | - | 31,002 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 4,782 | 14,249 | 2,365 | - | - | - | - | 21,396 |
| Developer Funding | 1,706 | - | - | - | - | - | - | 1,706 |
| Provincial Funding for Road Improvements | 7,900 | | | | | | | 7,900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 863 | 855 | 142 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 455 | 1,812 |
| **SURPLUS/(DEFICIT)** | 863 | 400 | (1,670) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Twinning of Inkster Boulevard between Keewatin Street and Brookside Boulevard will improve capacity to accommodate existing and projected travel demands, especially for movement of commercial goods.



Project Name: **Regional and Local Streets**

Department: Public Works
Project: 180400xx09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 42,169 | 28,595 | 42,909 | 30,213 | 43,968 | 44,212 | 189,897 | 232,066 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 9,149 | 1,890 | 20,266 | 7,570 | 21,325 | 21,569 | 72,620 | 81,769 |
| Federal Gas Tax | | 26,020 | 19,705 | 15,643 | 15,643 | 15,643 | 15,643 | 82,277 | 108,297 |
| Provincial Building Manitoba Fund - Roads | | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 35,000 | 42,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 40,797 | 29,684 | 40,153 | 32,117 | 41,905 | 44,176 | 3,234 | 232,066 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 7,777 | 2,979 | 17,510 | 9,474 | 19,262 | 21,533 | 3,234 | 81,769 |
| Federal Gas Tax | 26,020 | 19,705 | 15,643 | 15,643 | 15,643 | 15,643 | | 108,297 |
| Provincial Building Manitoba Fund - Roads | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | | 42,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 2,448 | 1,781 | 2,409 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 740 | 1,024 |
| **SURPLUS/(DEFICIT)** | 2,448 | 1,041 | 1,385 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Regional and Local Streets program includes the renewal and reconstruction of the City's streets, sidewalks, and lanes. The purpose of this program is to maintain the level of service, structural integrity, and rideability of the streets infrastructure network. This program also includes funding for improving granular surface roadways that are functioning as collector-type streets and/or have significant traffic volumes and will focus on Type II Road Oiling Surface Treatment as the upgrade.

See next page for program details.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

***Regional and Local Streets (cont'd):***

Future projects in Regional and Local Street RenewalsAuthorization

| Program include the following (all figures in 000's): | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Six-Year Total |
|---|---|---|---|---|---|---|---|
| Sidewalk and Curb Renewals - Regional Streets | 500 | 500 | 500 | 500 | 500 | 500 | 3,000 |
| Paving of Granular Shoulders - Regional Streets | 250 | 250 | 250 | 250 | 250 | 250 | 1,500 |
| Regional Major Rehabilitation Works: | | | | | | | |
| Corydon Avenue - Cambridge Street to Kenaston Boulevard | 500 | 500 | 500 | 500 | 500 | 500 | 3,000 |
| Dugald Road-E.B. East Bridge Deck Limit to approx. 850 m East of Beghin Ave. | 3,900 | | | | | | 3,900 |
| McPhillips St-Jarvis to Selkirk (widening & rehab) | 2,200 | | | | | | 2,200 |
| Notre Dame Avenue-Isabel St. to Princess St. | 2,440 | | | | | | 2,440 |
| Bishop Grandin Boulevard E.B.-Lakewood Boulevard to Lagimodiere Boulevard | 4,320 | | | | | | 4,320 |
| (If additional funds available) | | | | | | | |
| Mountain Ave - Airles Street to Dalton Street | | | | | | | |
| Regional Mill and Fill Rehabilitation Works: | | | | | | | |
| EB Portage Ave-David to Cavalier | 375 | | | | | | 375 |
| NB Pembina Hwy-Markham to Chancellor | 510 | | | | | | 510 |
| NB Pembina Hwy-Bison to Markham | 574 | | | | | | 574 |
| NB Lagimodiere-300m S. of Bishop Grandin to Fermor | 1150 | | | | | | 1,150 |
| NB Henderson-Johnson to Munroe | 450 | | | | | | 450 |
| WB Roblin Blvd - W Park Entrance to Alcrest | 450 | | | | | | 450 |
| (If additional funds available) | | | | | | | |
| NB Henderson-McLeod to Springfield | | | | | | | |
| SB Main-Seaforth to Jefferson | | | | | | | |
| WB Portage Ave-Aldine to Sturgeon | | | | | | | |
| SB Pembina Hwy-Jubilee to McGillivary | | | | | | | |
| EB Roblin Blvd - Alcrest to W Park Entrance | | | | | | | |
| Regional Street Renewals - Annual Program - Various locations to be identified. | | 6,195 | 20,509 | 9,813 | 23,568 | 23,812 | 83,897 |
| Granular Roadway Improvements | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 18,000 |
| Lane Renewals - Various Locations | 2,750 | 2,750 | 2,750 | 2,750 | 2,750 | 2,750 | 16,500 |
| Sidewalk Renewals on Local Streets - Various Locations | 400 | 400 | 400 | 400 | 400 | 400 | 2,400 |
| Local Street Renewals - Various Locations | 15,000 | 12,000 | 12,000 | 10,000 | 10,000 | 10,000 | 69,000 |
| Residential Thin Bituminous Overlay (TBO) | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 18,000 |
| Lakewood Blvd and Beaverhill Blvd Roundabout | 400 | | | | | | 400 |
| Total Regional and Local Streets Program | 42,169 | 28,595 | 42,909 | 30,213 | 43,968 | 44,212 | 232,066 |

Note: Any surplus funds will automatically be transferred to the following year's Regional and Local Streets Program Budget.

Project Name: **Sturgeon Road Bridge (Sturgeon Creek)**

Department: Public Works
Project: 180500xx10
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

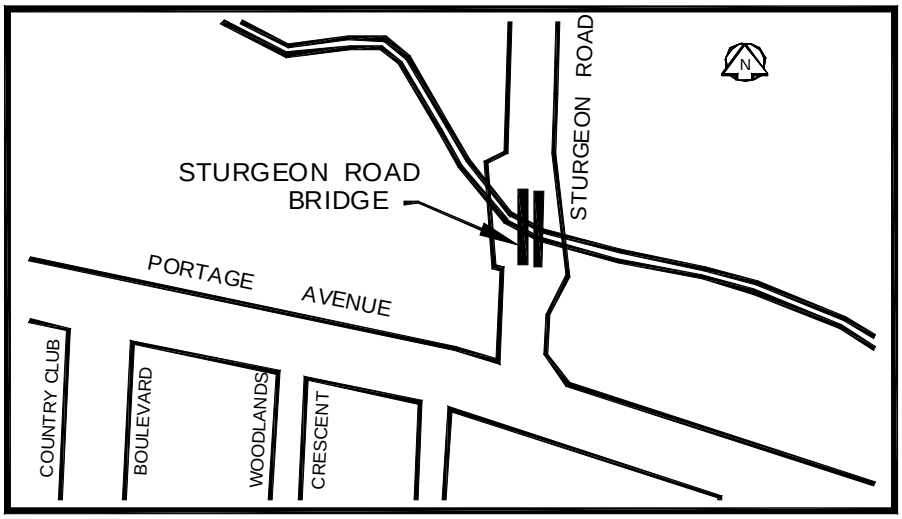
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,000 | 1,033 | 10,977 | - | - | 13,010 | 13,010 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 1,000 | 1,033 | 10,977 | | | 13,010 | 13,010 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 850 | 1,028 | 9,485 | 1,647 | - | - | 13,010 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 850 | 1,028 | 9,485 | 1,647 | - | - | 13,010 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | 51 | 62 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 81 |
| **SURPLUS/(DEFICIT)** | - | 51 | (19) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Construct a new bridge to replace existing deteriorated structure. The new structure will eliminate truck load restrictions and allow for a linear pedestrian pathway along Sturgeon Creek underneath the bridge. Preliminary engineering design in 2010, detailed design in 2011, with construction in 2012.



Project Name: **Osborne Street Bridge (Assiniboine River)**

Department: Public Works
Project: 180500xx09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

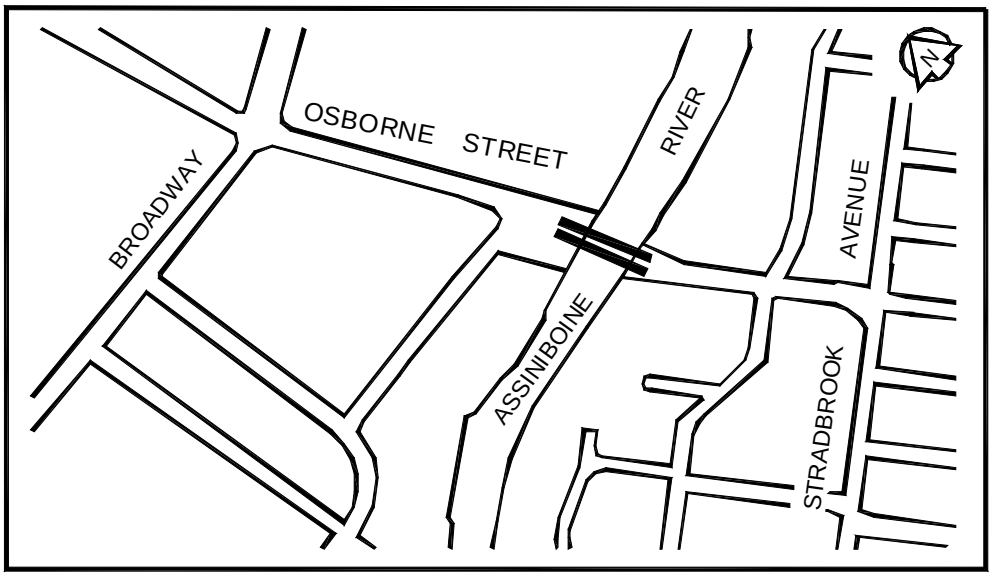
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | 355 | 6,776 | 6,294 | - | - | 13,425 | 14,425 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,000 | 355 | 6,776 | 6,294 | | | 13,425 | 14,425 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 850 | 452 | 5,813 | 6,366 | 944 | - | - | 14,425 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 850 | 452 | 5,813 | 6,366 | 944 | - | | 14,425 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 51 | 27 | 349 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 81 | 124 |
| **SURPLUS/(DEFICIT)** | 51 | (54) | 225 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Full rehabilitation of the bridge including roadside safety improvements. Preliminary engineering design in 2009, detailed engineering design in 2010 with construction over a two-year period in 2011 and 2012.



Project Name: **Jubilee Avenue Overpass (Pembina Highway)**

Department: Public Works
Project: 180500xx09
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

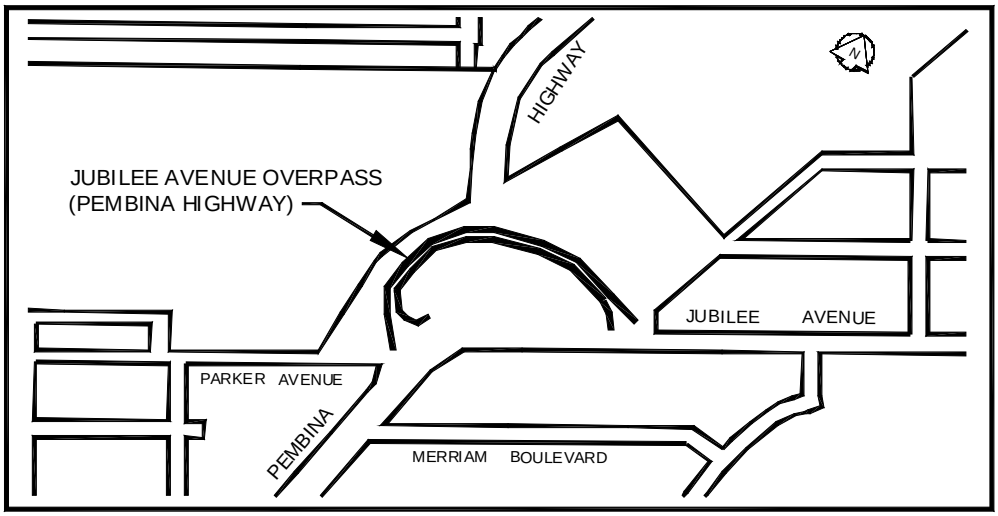
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 896 | 7,638 | - | - | - | - | 7,638 | 8,534 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 896 | 7,638 | | | | | 7,638 | 8,534 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 762 | 6,627 | 1,146 | - | - | - | - | 8,534 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 762 | 6,627 | 1,146 | - | - | | | 8,534 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 46 | 398 | 69 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 73 | 703 |
| **SURPLUS/(DEFICIT)** | 46 | 326 | (634) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Full rehabilitation of overpass bridge structure and related roadway approach ramps including roadside safety improvements. Engineering design in 2009 with construction in 2010.



Project Name: **Waverley Street / CN Mainline Grade Separation**

Department: Public Works
Project: 180500xx10
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

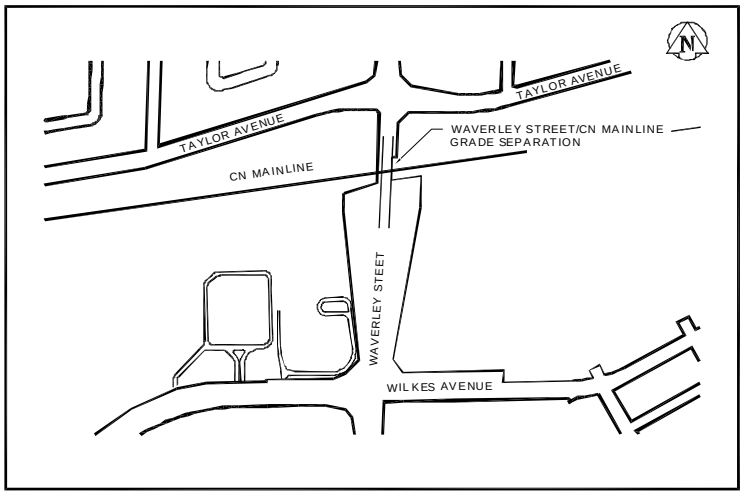
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,119 | - | - | - | - | 1,119 | 1,119 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 1,119 | | | | | 1,119 | 1,119 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 951 | 168 | - | - | - | - | 1,119 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 951 | 168 | | | | | 1,119 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | 57 | 10 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 91 |
| **SURPLUS/(DEFICIT)** | - | 57 | (81) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

2010 - Includes conceptual engineering, study, and public consultation.



Project Name: **Louise Bridge (Red River) Replacement**

Department: Public Works
Project: 180500xx13
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

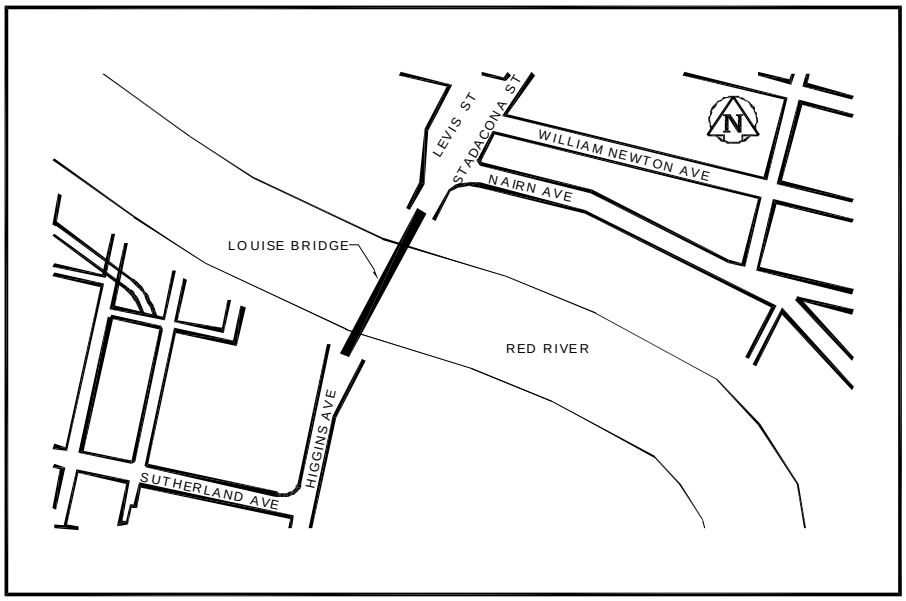
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 2,581 | 2,000 | 4,581 | 4,581 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 2,581 | 2,000 | 4,581 | 4,581 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 2,194 | 2,087 | 300 | 4,581 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 2,194 | 2,087 | 300 | 4,581 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

2013 - Project budget shown is to undertake conceptual design, preliminary design, public consultation, and property acquisition. 2014 - Engineering detailed design. A new four lane replacement bridge requires a total estimated project budget of $100,000,000 assuming construction is undertaken in 2015 and 2016.



Project Name: **Pembina Highway Underpass**

Department: Public Works
Project: 180500xx11

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

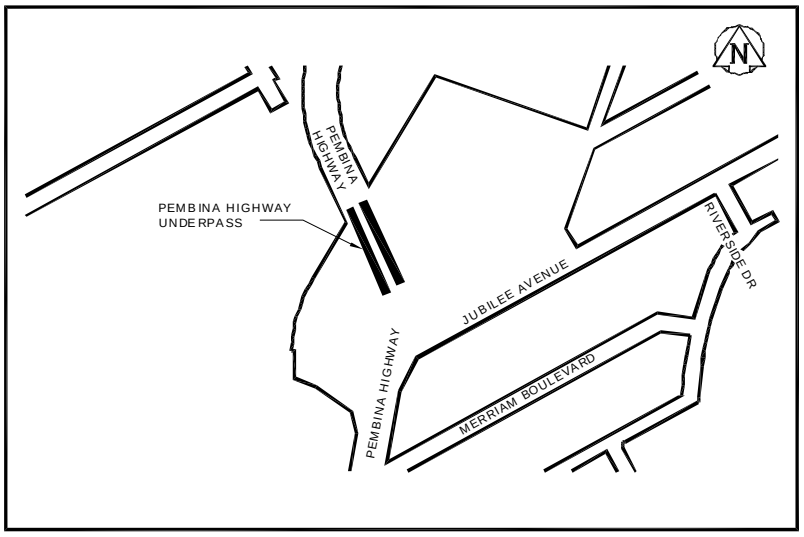
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 1,300 | - | 7,000 | 6,000 | 14,300 | 14,300 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 1,300 | | 7,000 | 6,000 | 14,300 | 14,300 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,105 | 195 | 5,950 | 6,150 | 900 | 14,300 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 1,105 | 195 | 5,950 | 6,150 | 900 | 14,300 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | 66 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | 66 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Preliminary Engineering in 2011. 2013 & 2014 - Widen northbound to 3 lanes. Construct pedestrian/active transportation access through the CN Rail Embankment. Improve land drainage/pumping and reconstruct pavement in both directions.



Project Name: **St. James Street Bridge (Omand's Creek)**

Department: Public Works
Project: 180500xx13
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

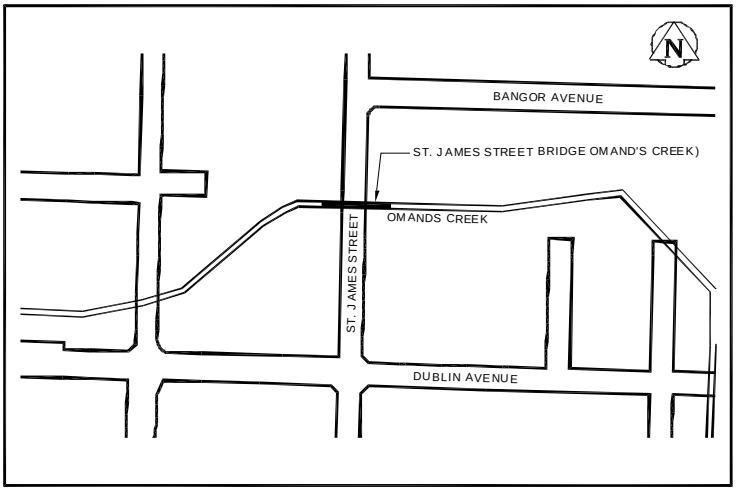
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 2,161 | - | 2,161 | 2,161 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 2,161 | | 2,161 | 2,161 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 1,837 | 324 | - | 2,161 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 1,837 | 324 | | 2,161 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

2013 - Project budget shown to undertake full rehabilitation and safety improvements.



Project Name: **Ness Avenue Culvert (Sturgeon Creek)**

Department: Public Works
Project: 180500xx12
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

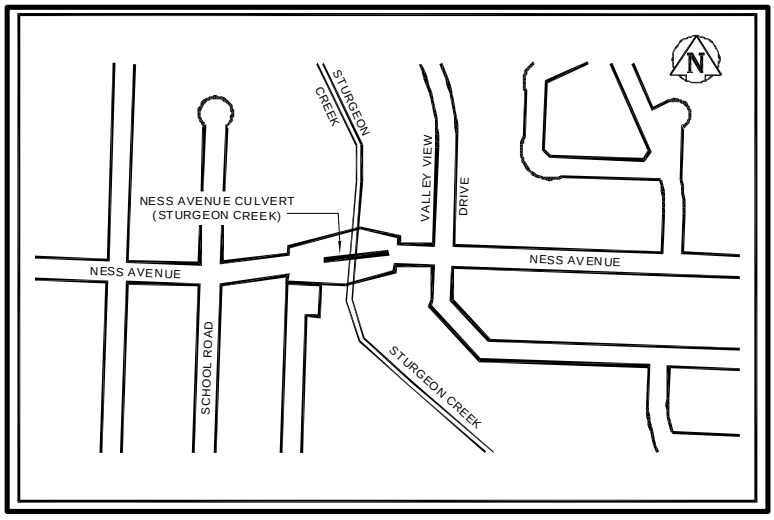
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 1,000 | 2,000 | 8,000 | 11,000 | 11,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 1,000 | 2,000 | 8,000 | 11,000 | 11,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 850 | 1,850 | 7,100 | 1,200 | 11,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 850 | 1,850 | 7,100 | 1,200 | 11,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replace existing structure with a new bridge. Undertake preliminary engineering in 2012, detailed engineering in 2013, and construction in 2014.



Project Name: **Waterway Crossing and Grade Separations - Annual Program**

Department: Public Works
Project: 1805000109
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 10,000 | 12,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 10,000 | 12,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,700 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 300 | 12,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,700 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 300 | 12,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 102 | 120 | 120 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 162 | 352 |
| **SURPLUS/(DEFICIT)** | 102 | (42) | (232) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Annual program to carry out preventative maintenance, major repairs, improvements, or replacement to existing bridges, subways, overpasses, culverts, and related bridge infrastructure ensuring continued and continuous services of these facilities to the maximum practical extent.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Disraeli Bridge and Overpass Facility**

Department: Public Works
Project: 1805000203
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 134,311 | 4,500 | 2,000 | - | - | - | - | 2,000 | 6,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,000 | 2,000 | | | | | 2,000 | 4,000 |
| Prior Years' Surplus | | 2,500 | | | | | | - | 2,500 |
| Federal Gas Tax | | | 13,862 | 13,862 | 13,862 | 13,862 | 13,862 | 69,310 | 69,310 |
| Public Private Partnership Lease Payments | | | (13,862) | (13,862) | (13,862) | (13,862) | (13,862) | (69,310) | (69,310) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 4,500 | 15,862 | 13,862 | 13,862 | 13,862 | 13,862 | 346,550 | 422,360 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) See Note | 2,000 | 2,000 | | | | | | 4,000 |
| Prior Year's Surplus | 2,500 | | | | | | | 2,500 |
| Federal Gas Tax | | 13,862 | 13,862 | 13,862 | 13,862 | 13,862 | 346,550 | 415,860 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 270 | 952 | 832 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 793 | 1,077 | 1,267 |
| **SURPLUS/(DEFICIT)** | (523) | (125) | (435) |

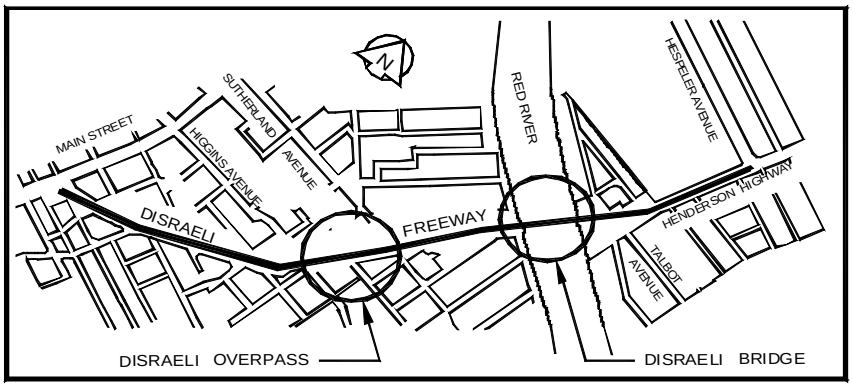
***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Undertake a full rehabilitation of river bridge, overpass, and related roadworks.

Previous budgets include $2.0 million for procurement costs. Additional cash to capital funding is required for procurement, administration, internal contract works, and property acquisition in 2008 to 2010.

Lease payments in 2010, 2011, 2012, 2013,2014 and beyond assume a payment schedule which includes an annual maintenance charge.

Concept Modified 'A' involving refurbishment of the existing concrete foundations and steel bridge girders, and replacement of the existing bridge deck to a four-lane divided roadway with one sidewalk, with an additional bridge over the river for cyclists and pedestrians, was approved by Council on Sept. 24, 2008 as the minimum requirement for the Disraeli Bridges Project.



Project Name: **Culvert Replacement Program - St. Matthews Avenue (Omand's Creek)**

Department: Public Works
Project: 1805000207
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

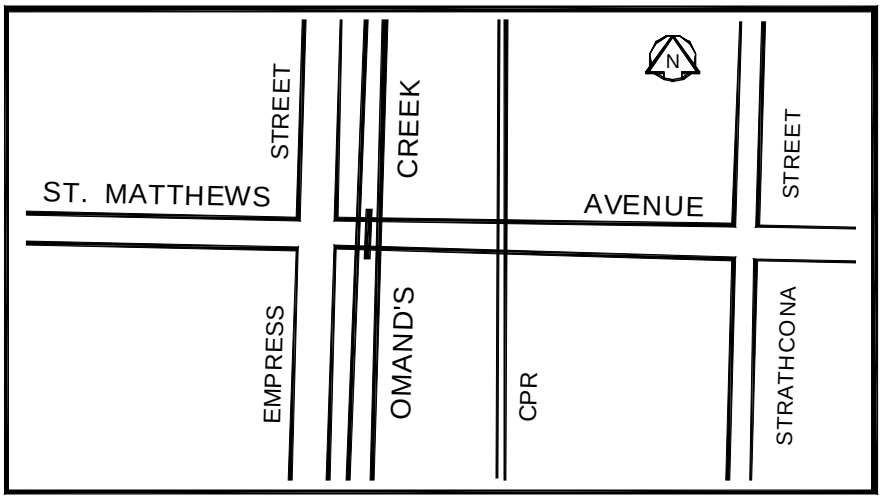
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 1,792 | - | - | - | - | - | - | 1,792 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 192 | | | | | | - | 192 |
| Federal Gas Tax | | 1,600 | | | | | | - | 1,600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,792 | - | - | - | - | - | - | 1,792 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 192 | | | | | | | 192 |
| Federal Gas Tax | 1,600 | | | | | | | 1,600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 108 | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 17 | 37 | 37 |
| **SURPLUS/(DEFICIT)** | 91 | (37) | (37) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Replace existing deteriorated twin metal culverts with a new waterway crossing structure. Preliminary engineering and property acquisition in 2007 with construction in 2009.



Project Name: **Fort Garry Bridge Rehabilitation and Widening**

Department: Public Works
Project: 1805000407
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

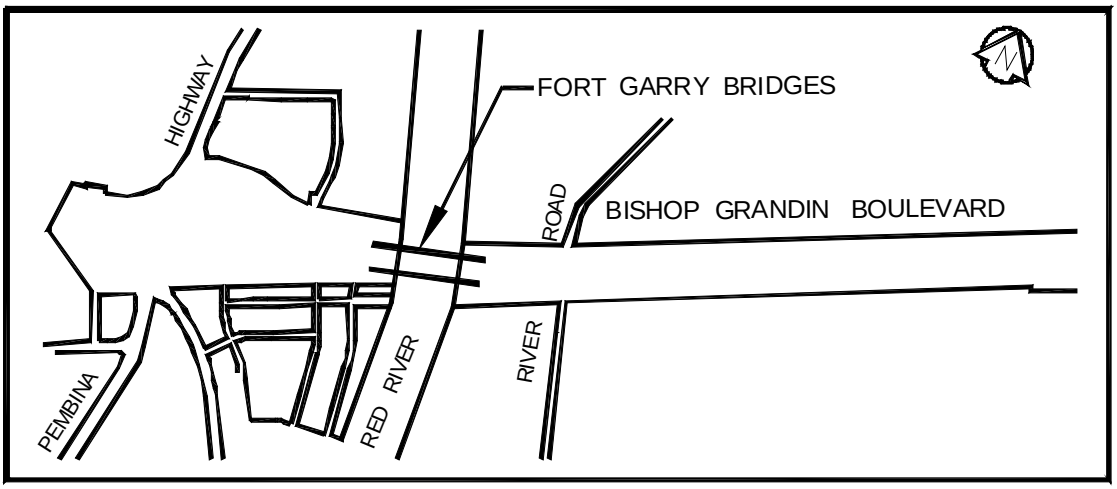
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 11,238 | 7,840 | - | - | - | - | - | - | 7,840 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,238 | 1,140 | | | | | | - | 1,140 |
| Federal Gas Tax | | 6,700 | | | | | | - | 6,700 |
| Provincial Funding for Road Improvements | 10,000 | | | | | | | - | - |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 7,840 | - | - | - | - | - | - | 7,840 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,140 | | | | | | | 1,140 |
| Federal Gas Tax | 6,700 | | | | | | | 6,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 470 | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 105 | 226 | 226 |
| **SURPLUS/(DEFICIT)** | 365 | (226) | (226) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Full bridge rehabilitation and related roadworks including widening of the westbound bridge to add a third lane for exit traffic to Pembina Highway. Current truck load restrictions will be removed. Engineering design in 2007 and 2008 with construction on the westbound and eastbound bridges in 2008 and 2009 respectively.



Project Name: **Charleswood Bridge**

Department: Public Works
Project: 180500XX09

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | - | - | - | - |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 7,390 | 8,868 |
| Public Private Partnership Lease Payments | | (1,478) | (1,478) | (1,478) | (1,478) | (1,478) | (1,478) | (7,390) | (8,868) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 14,780 | 23,648 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) See Note | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 1,478 | 14,780 | 23,648 |

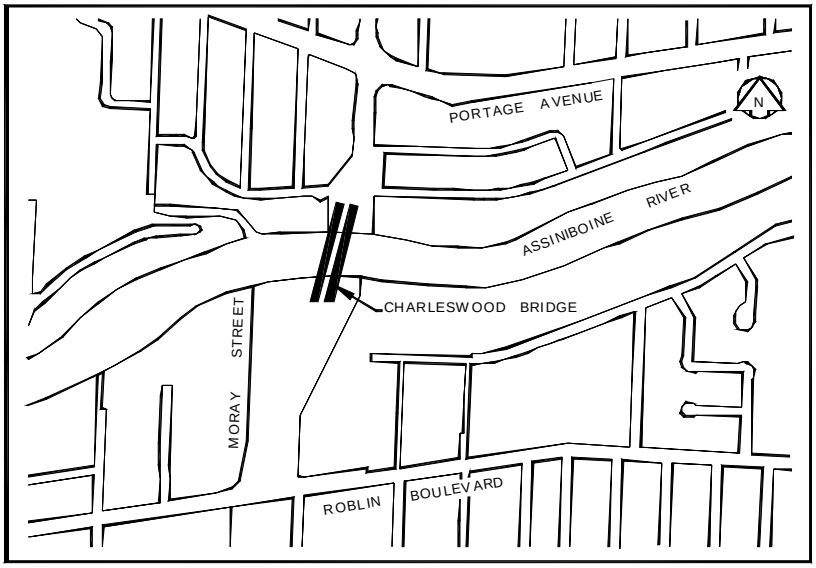
| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 89 | 89 | 89 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | 89 | 89 | 89 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Charleswood Bridge was constructed in 1994 and 1995 along with the roadworks between Roblin Boulevard and Ness Avenue.

The bridge portion of the project was undertaken as a public-private partnership, with lease payments extending until 2024.

Note: Cash flow beyond 2014 equals payments to 2024.



Project Name: **Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard**

Department: Public Works
Project: 1801000107
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 63,300 | 2,000 | - | - | - | - | - | - | 2,000 |
| Financed by: | | | | | | | | | |
| Public Private Partnership | | | | | | | | - | - |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,000 | | | | | | - | 2,000 |
| Federal Gas Tax | | | 1,353 | 5,415 | 5,415 | 5,415 | 5,415 | 23,013 | 23,013 |
| Public Private Partnership Lease Payments | | | (1,353) | (5,415) | (5,415) | (5,415) | (5,415) | (23,013) | (23,013) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,000 | 1,353 | 5,415 | 5,415 | 5,415 | 5,415 | 139,437 | 164,450 |
| Financed by: | | | | | | | | |
| | | | | | | | | - |
| Cash to Capital (Equity in Capital Assets Fund) See Note | 2,000 | | | | | | | 2,000 |
| Federal Gas Tax | | 1,353 | 5,415 | 5,415 | 5,415 | 5,415 | 139,437 | 162,450 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 120 | 81 | 325 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 281 | 505 | 505 |
| **SURPLUS/(DEFICIT)** | (161) | (424) | (180) |

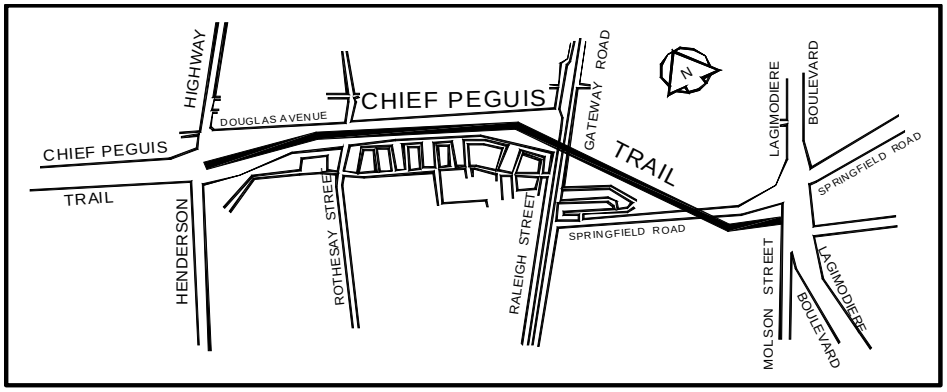
***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Extension of the Chief Peguis Trail from Henderson Highway to Lagimodiere Boulevard will improve capacity to accommodate existing and projected travel demands, as well as reduce through traffic on the residential street system between Henderson Highway and Lagimodiere Boulevard.

Cash to capital funding in 2009 supplements previous funding from 2007 and 2008 required for procurement, administration, internal contract works, and property acquisition.

Lease payments in 2010, 2011, 2012, 2013, and beyond assume a payment schedule which includes an annual maintenance charge.

Construction is scheduled over a two year period in 2009 and 2010.



Project Name: **Kenaston Boulevard - Waverley (re-alignment) to Waverley south of the Perimeter Highway**

Department: Public Works
Project: 180400XX14
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | - | 1,000 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | | 1,000 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 1,000 | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | - | | - | | 1,000 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The extension of Kenaston Boulevard from the re-alignment of Waverley to Waverley south of the Perimeter Hwy is identified in the General Phasing Scheme for the Waverley West Area Structure Plan approved by City Council on July 26, 2006 as a commitment to be completed within the 10 year development scenario. As home construction commenced in 2008, there is a need to have this facility in place by 2018. The existing intersection of Waverley and the Perimeter Hwy will be removed in conjunction with this project. Cash to Capital funding in 2014 is for a preliminary study and design with construction anticipated in 2016 and 2017 estimated at $30,000,000.

Project Name: **Asset Management System - Various Divisions**

Department: Public Works
Project: 1812000109
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate ** | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 100 | 100 | 100 | 100 | 100 | 500 | 500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | - | 100 | 100 | 100 | 100 | 100 | 500 | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 85 | 100 | 100 | 100 | 100 | 15 | 500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | 85 | 100 | 100 | 100 | 100 | 15 | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | 5 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 8 |
| **SURPLUS/(DEFICIT)** | - | 5 | (2) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The asset management program being implemented in the Public Works Department is centered on the application of quality management principles to the operation, maintenance, and renewal of infrastructure. A primary objective is the development and implementation of methodologies to preserve the infrastructure and to identify the funding necessary for the long term preservation of the assets.

An objective of the asset management program is to extend this systematic structural quality management approach to all the infrastructure under the Public Works Department responsibility. Work is underway in the Bridge Maintenance Branch, and the Parks and Open Space Division.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

** Due to available unspent balances, no current year program authorization required.

Project Name: **Land Drainage Sewers - Regional / Local Streets**

Department: Public Works
Project: 1813000109
Capital Priority Rating: 2 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate ** | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 150 | 150 | 150 | 150 | 150 | 750 | 750 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | - | 150 | 150 | 150 | 150 | 150 | 750 | 750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 128 | 150 | 150 | 150 | 150 | 22 | 750 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | 128 | 150 | 150 | 150 | 150 | 22 | 750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | 8 | 9 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 12 |
| **SURPLUS/(DEFICIT)** | - | 8 | (3) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Land drainage sewers and catch basins required for Local Improvement projects and other miscellaneous drainage improvements.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

** Due to available unspent balances, no current year program authorization required.

Project Name: **Sand / Salt Storage Facility**

Department: Public Works
Project: 1815000107

Capital Priority Rating: 3 - 2
Service: Roadway Snow Removal and Ice Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,300 | 100 | - | - | - | - | - | - | 100 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 100 | | | | | | - | 100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | - | - | - | - | - | 100 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | | | | | | | 100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 196 | 228 | 228 |
| **SURPLUS/(DEFICIT)** | (190) | (228) | (228) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The facility will be constructed in conjunction with the Public Works east yards development. It will store salt and treated sand for use in snow and ice control. Recent guidelines for the environmental management of road salt use recommends that road authorities across Canada increase protection for materials exposed to wind or precipitation in order to minimize loss of salt to the environment. Previous budget includes $500,000 that was an authorized transfer in 2007 to the St. Anne's Road streets project.

Project Name: **Land Acquisition - Transportation Right of Way**

Department: Public Works
Project: 183200xx09

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 1,961 | - | - | - | - | - | - | 1,961 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,961 | | | | | | - | 1,961 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,961 | - | - | - | - | - | - | 1,961 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,961 | | | | | | | 1,961 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 118 | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 187 | 187 |
| **SURPLUS/(DEFICIT)** | 118 | (187) | (187) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Allowance for the acquisition of land for future transportation rights-of-way not included in any specific capital project within the given year's capital program. To allow for eventual implementation of proposed transportation plans by acquiring rights-of-way when the necessary land becomes available or when non-compatible private development is proposed on the land that will be required. The 2009 funding is required for the Waverley Street widening project from Bison Drive to Tim Sale.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **City-Wide Accessibility Program**

Department: Public Works
Project: 1814000109

Capital Priority Rating: 2 - 3
Service: Neighbourhood Revitalization

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,600 | 350 | 350 | 350 | 350 | 350 | 350 | 1,750 | 2,100 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 350 | 350 | 350 | 350 | 350 | 350 | 1,750 | 2,100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 298 | 350 | 350 | 350 | 350 | 350 | 52 | 2,100 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 298 | 350 | 350 | 350 | 350 | 350 | 52 | 2,100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 18 | 21 | 21 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 136 | 181 | 214 |
| **SURPLUS/(DEFICIT)** | (118) | (160) | (193) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding to address accessibility issues (Executive Policy Committee recommendation adopted by Council September 25, 2002).

Project Name: **Winnipeg Transportation Strategy**

Department: Public Works
Project: 183200xx09

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 600 | 650 | - | - | - | - | 650 | 1,250 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 600 | 650 | | | | | 650 | 1,250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 650 | - | - | - | - | - | 1,250 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 600 | 650 | | | | | | 1,250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 36 | 39 | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 57 | 119 |
| **SURPLUS/(DEFICIT)** | 36 | (18) | (119) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Winnipeg Transportation Strategy establishes the framework for how the City of Winnipeg will address current and future transportation needs. The Strategy will recommend policies, strategies and priorities to guide transportation related decisions and actions over the next 20 years and beyond.

Project Name: **Reforestation - Improvements**

Department: Public Works
Project: 1850000109
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 383 | 383 | 383 | 433 | 383 | 383 | 1,965 | 2,348 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 383 | 383 | 383 | 433 | 383 | 383 | 1,965 | 2,348 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 326 | 383 | 383 | 426 | 391 | 382 | 57 | 2,348 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 326 | 383 | 383 | 426 | 391 | 382 | 57 | 2,348 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 20 | 23 | 23 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 31 | 68 |
| **SURPLUS/(DEFICIT)** | 20 | (8) | (45) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Sustainable urban forest management program may include tree replacement, tree pruning, and inventory along City boulevards and in parks.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Athletic Fields - Improvements**

Department: Public Works
Project: 185200xx09

Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 200 | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 170 | 200 | 200 | 200 | 200 | 200 | 30 | 1,200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 170 | 200 | 200 | 200 | 200 | 200 | 30 | 1,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 10 | 12 | 12 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 16 | 35 |
| **SURPLUS/(DEFICIT)** | 10 | (4) | (23) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Athletic field improvements in areas requiring grading, sodding, seeding, irrigation and/or drainage improvements, replacement of backstops, goal posts, and other related park works as required on a site-by-site basis:

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

| Funds will be allocated to: | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Total |
|---|---|---|---|---|---|---|---|
| Grant Park Athletic Fields | 100 | | | | | | 100 |
| Bord Aire Community Centre | | 40 | | | | | 40 |
| John Blumberg | 100 | | | | | | 100 |
| Burland Park | | 80 | | | | | 80 |
| Ed Shindleman | | 80 | | | | | 80 |
| Athletic Field Upgrading - Various | | | 200 | 200 | 200 | 200 | 800 |
| | 200 | 200 | 200 | 200 | 200 | 200 | 1,200 |

Project Name: **Parks - Improvements**

Department: Public Works
Project: 185300xx09

Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 900 | 808 | 262 | 617 | 677 | 653 | 3,017 | 3,917 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 900 | 808 | 262 | 617 | 677 | 653 | 3,017 | 3,917 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 765 | 822 | 344 | 564 | 668 | 657 | 97 | 3,917 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 765 | 822 | 344 | 564 | 668 | 657 | 97 | 3,917 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 46 | 49 | 21 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 73 | 151 |
| **SURPLUS/(DEFICIT)** | 46 | (24) | (130) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or improvements to various parks to repair aging park infrastructure and related amenities:

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

| Funds will be allocated to: | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Total |
|---|---|---|---|---|---|---|---|
| Kildonan Park and Peguis Pavilion Upgrading | 900 | 200 | | | | | 1,100 |
| Assiniboine River Walk | | 408 | | | | | 408 |
| Whittier Park | | 200 | | | | | 200 |
| Lawn Bowling - various locations | | | 150 | | | | 150 |
| Kildonan Park and Rainbow Stage | | | | 617 | | | 617 |
| Various locations | | | 112 | | 677 | 653 | 1,442 |
| | 900 | 808 | 262 | 617 | 677 | 653 | 3,917 |

Project Name: **Playground Structures**

Department: Public Works
Project: 1855000109
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 1,750 | 1,750 | 1,750 | 1,800 | 1,800 | 1,800 | 8,900 | 10,650 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,750 | 1,750 | 1,750 | 1,800 | 1,800 | 1,800 | 8,900 | 10,650 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,488 | 1,750 | 1,750 | 1,793 | 1,800 | 1,800 | 269 | 10,650 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,488 | 1,750 | 1,750 | 1,793 | 1,800 | 1,800 | 269 | 10,650 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 89 | 105 | 105 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 142 | 308 |
| **SURPLUS/(DEFICIT)** | 89 | (37) | (203) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Pathway / Roadway / Tennis Court Upgrading**

Department: Public Works
Project: 185600xx09

Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A* | 150 | - | - | 150 | 150 | 150 | 450 | 600 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 150 | | | 150 | 150 | 150 | 450 | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 128 | 22 | - | 128 | 150 | 150 | 22 | 600 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 128 | 22 | - | 128 | 150 | 150 | 22 | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 8 | 1 | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 12 | 14 |
| **SURPLUS/(DEFICIT)** | 8 | (11) | (14) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading of pathways, roadways, and tennis courts at various parks locations.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Community Park Amenities**

Department: Public Works
Project: 1855000109

Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 7,500 | 9,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 7,500 | 9,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,275 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 225 | 9,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,275 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 225 | 9,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 77 | 90 | 90 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 121 | 264 |
| **SURPLUS/(DEFICIT)** | 77 | (31) | (174) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Improvement of park amenities at various locations.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Local Improvements - Ongoing Program**

Department: Assessment and Taxation
Capital Priority Rating: 2 - 3
Project: 140000xxyy
Service: Roadway Construction and Maintenance

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 9,777 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 8,000 | 17,777 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,077 | 1,080 | 80 | 80 | 80 | 80 | 1,400 | 2,477 |
| Interim Financing | 145 | 855 | (1,000) | | | | | (1,000) | (145) |
| External Debt | | 7,845 | 1,520 | 1,520 | 1,520 | 1,520 | 1,520 | 7,600 | 15,445 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 8,310 | 2,827 | 1,600 | 1,600 | 1,600 | 1,600 | 240 | 17,777 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 787 | 1,358 | 80 | 80 | 80 | 80 | 12 | 2,477 |
| Interim Financing | 855 | (1,000) | | | | | | (145) |
| External Debt | 6,668 | 2,469 | 1,520 | 1,520 | 1,520 | 1,520 | 228 | 15,445 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 498 | 170 | 96 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 229 | 800 | 1,029 |
| **SURPLUS/(DEFICIT)** | 270 | (630) | (933) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Local Improvement Capital Projects are those which are financed partly by a direct levy on the properties benefited (Property Owner's Share) and partly by a mill rate levy over the City-At-Large (City's Share). The program is governed by Local Improvements By-Law No. 98/72 and is subject to advertising and subsequent approval by the majority of ratepayers involved. The types of expenditure generally falling within this category are: paving of local streets and lanes; sidewalk and boulevard construction; installation of new water mains and sewers; ornamental street lighting and lane lighting.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Community Incentive Grant Program**

Department: Community Services
Project: 62510001yy
Capital Priority Rating: 1 - 2
Service: Neighbourhood Revitalization

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A* | 1,449 | 1,478 | 1,508 | 1,538 | 1,569 | 1,600 | 7,693 | 9,142 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,449 | 1,478 | 1,508 | 1,538 | 1,569 | 1,600 | 7,693 | 9,142 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,449 | 1,478 | 1,508 | 1,538 | 1,569 | 1,600 | - | 9,142 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,449 | 1,478 | 1,508 | 1,538 | 1,569 | 1,600 | | 9,142 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 40 | 186 | 328 |
| **SURPLUS/(DEFICIT)** | (40) | (186) | (328) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Community Incentive Grant Program, established by Council on March 6, 1985, was designed to encourage non-profit community recreation and sport organizations to undertake capital projects which would result in long-term benefits to the community at large in terms of improved service and facilities. On July 23, 2003, Council adopted expanded criteria for the Program.

On January 25, 2007, Council, with approval of the 2007 - 2012 five year Capital budget program, approved a 2% annual increase to the Community Incentive Grant Program.

*N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Library Replacement - Various**

Department: Community Services
Project: 62130001yy

Capital Priority Rating: 1 - 2
Service: Libraries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,271 | 1,000 | 5,000 | - | 3,000 | 3,000 | 2,000 | 13,000 | 14,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,000 | 5,000 | | 3,000 | 3,000 | 2,000 | 13,000 | 14,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | 5,000 | - | - | 1,000 | 7,000 | - | 14,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,000 | 5,000 | | | 1,000 | 7,000 | | 14,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 28 | 258 | 571 |
| **SURPLUS/(DEFICIT)** | (28) | (258) | (571) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

These project funds are necessary to replace and furnish modern, safe, and accessible libraries that are able to accommodate the changing demographics and needs of library users. Funding in 2009 and 2010 have been designated for the amalgamation of two existing branches into one new facility. Funding in 2012, 2013 and 2014 are for a future amalgamation to be determined.

Funding for 2010 has been increased by $1M to reflect a revised estimate of the cost of the first amalgamation. The estimate is based upon 2008 costs adjusted for anticipated construction cost inflation to 2010 and for contingency funds.

Project Name: **Library Shelving and Furniture Replacement Program**

Department: Community Services
Project: 62110005yy

Capital Priority Rating: 1 - 2
Service: Libraries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | - | - | 200 | 500 | 200 | 900 | 1,400 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | | | 200 | 500 | 200 | 900 | 1,400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | 200 | 500 | 200 | - | 1,400 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | | | 200 | 500 | 200 | | 1,400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 14 | 48 | 48 |
| **SURPLUS/(DEFICIT)** | (14) | (48) | (48) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding is required to replace aging library shelving and furniture that cannot be accommodated within the existing operating budget of the Library Services Division. The average age of Winnipeg's branch libraries is approximately 40 years old. Much of the furniture and shelving dates from the original opening of those facilities. The furniture and shelving needs to be replaced, in some cases for safety reasons, in order to ensure that library facilities remain welcoming spaces for the changing needs of library users.

Project Name: **Integrated Property Based Information Systems**

Department: Community Services
Project: 62600001yy
Capital Priority Rating: 1 - 2
Service: Neighbourhood Revitalization

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 750 | - | 250 | 250 | - | - | - | 500 | 500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 250 | 250 | | | | 500 | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 250 | 250 | - | - | - | - | 500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 250 | 250 | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 8 | 32 |
| **SURPLUS/(DEFICIT)** | - | (8) | (32) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 2010 project (Phase 2) seeks to build upon community and neighbourhood information resources established by the Phase 1 Community Resource Area (CRA) of the Integrated Property-Based Systems Capital Program. Phase 1 which is currently underway is creating and implementing a Community Resource database that integreates community-related information from City departments such as Assessment and Taxation, Community Services, Fire Paramedic Services, Police Services, Planning, Property and Development and Public Works. External linkages to data from the Province of Manitoba, the Government of Canada and other agencies are also included in this project. The database will be comprised of community-related information linked to the City's property databases. Phase 2 of this Neighbourhood Profiles data project will build infrastructure and partnerships to support inter-agency information sharing - increasing both the amount and quality of neighbourhood based information available to civic decision makers, community agencies, neighbourhood groups, and individual citizens. Municipal governments throughout North Amercia have begun to lead these types of enhanced information sharing/partnerhip initiatives.

This project expands upon the partnership established between Community Services and Planning, Property and Development in the use of Amanda (BUILD) and other technologies including Geographic Information Systems, Web-based technologies, and the new Class Booking and Registration System.

Project Name: **Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package**

Department: Community Services
Project: 622xxxxyy
Capital Priority Rating: 3 - 2
Service: Insect Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 160 | 160 | 160 | - | - | - | - | 160 | 320 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 160 | 160 | - | | | | 160 | 320 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 160 | 160 | - | - | - | - | - | 320 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 160 | 160 | - | | | | | 320 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 4 | 20 | 30 |
| **SURPLUS/(DEFICIT)** | (4) | (20) | (30) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To upgrade antiquated and deteriorating computer systems to enable the continued operation of vehicle guidance and pesticide spray systems that were first established in 1999. The upgraded system will provide an electronic road map and will list current vehicle locations, the location of "anti-pesticide registrants", and a tracking of all spray operations. The system will also provide vehicle telemetry information via a wireless network so that real-time positions and current status of all spray vehicles is displayed at a central coordinating office.

Project Name: **Insect Control - Secure Yard**

Department: Community Services
Project: 622xxxxxyy

Capital Priority Rating: 3 - 4
Service: Insect Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | 200 | - | - | - | - | - | - | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | - | - | | | | - | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | - | - | - | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | - | - | | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 6 | 19 | 19 |
| **SURPLUS/(DEFICIT)** | (6) | (19) | (19) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2006 a new Insect Control chemical storage facility and secure yard was built at 620 Tyne Street, which is immediately adjacent to 3 Grey Street. However, soil testing that has been conducted at 3 Grey Street indicated that soil remediation is required prior to paving the lot which is the final step to complete the 2006 project. An additional $200,000 is required to complete the total project of paving and soil remediation in order to meet Provincial Environment Standards. This will be coordinated with Fleet Management Agency which is also carrying out soil remediation on a portion of this lot associated with the replacement of underground fuel tanks with above ground tanks in 2008-2009.

Project Name: **Renovate and Refurbish Various Library Branches**

Department: Community Services
Project: 621xxxxxyy

Capital Priority Rating: 1 - 2
Service: Libraries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,250 | - | - | - | 300 | 1,000 | 1,000 | 2,300 | 2,300 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | - | | | 300 | 1,000 | 1,000 | 2,300 | 2,300 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 300 | 1,000 | 1,000 | - | 2,300 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | | | 300 | 1,000 | 1,000 | | 2,300 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This capital program is required to support ongoing renovations of existing library branches that cannot be supported within the existing Library operating budget. The average age of Winnipeg's branch libraries is approximately 40 years old. Improvements to facilities will include replacing carpeting, flooring, painting, replacing counters, workstations and service points that incorporate ergonomic design and universal access principles and undertaking minor and major renovation projects in order to improve library facilities to meet the changing needs of library users.

Project Name: **Imaging and Document Management**

Department: Community Services
Project: 626xxxxxyy

Capital Priority Rating: 1 - 2
Service: Community Services - Other

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 250 | 250 | 250 | - | - | - | 500 | 750 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 250 | 250 | 250 | - | | | 500 | 750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 250 | 250 | - | - | - | - | 750 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 250 | 250 | 250 | - | | | | 750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 7 | 32 | 56 |
| **SURPLUS/(DEFICIT)** | (7) | (32) | (56) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is to establish proper imaging and document management systems within the Community Services Department, which will allow the department to move to a paperless filing system that meets all City records management requirements. This will involve the filing and retention of both paper and electronic documents, including e-mail, court-related documents, etc. The department would expect administrative efficiencies in the area of reduced paper costs and reduced physical and electronic storage space costs.

The Director of Community Services is providing leadership to the corporate initiative on Electronic Document and Records Management Storage. The key objective of this project is to manage information through one comprehensive system that provides full information accessibility at one source or alternatively through one interface and is based on a sound foundation of technology and records and information management principles. This will enhance decision making and other business processes related to all aspects of service delivery to the public.

Project Name: **Library Technology Upgrade and Replacement**

Department: Community Services
Project: 621xxxxxyy
Capital Priority Rating: 1 - 2
Service: Libraries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 500 | - | - | - | 500 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 500 | - | - | - | 500 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2013 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | - | - | - | 500 | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | - | - | - | 500 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 16 | 48 |
| **SURPLUS/(DEFICIT)** | - | (16) | (48) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

By 2010, the library's Integrated Library System (Horizon) hardware platform and operating system will need to be replaced. These funds will be required to supplement the Library Technology Reserve Fund. Capital funding also helps to ensure that libraries can continue to implement new self-service options for the public (such as RFID technologies) that make the operation of libraries more efficient and cost effective.

Project Name: **Recreational Facility Safety & Accessibility Improvements**

Department: Community Services
Project: 62500001yy

Capital Priority Rating: 1 - 2
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 800 | 600 | 300 | - | 400 | 400 | 500 | 1,600 | 2,200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 600 | 300 | - | 400 | 400 | 500 | 1,600 | 2,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 300 | - | 400 | 400 | 500 | - | 2,200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 600 | 300 | - | 400 | 400 | 500 | | 2,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 17 | 67 | 86 |
| **SURPLUS/(DEFICIT)** | (17) | (67) | (86) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This capital project will help address workplace and public safety, health, and accessibility issues that are not part of the current service level agreement with Public Works.

Each year a portion of the funds will be utilized for installation of security systems, fitness equipment replacement, and facility amenities and accessibility projects within 13 indoor pools and 9 major recreation centres based upon established priorities. The new demands require security for staff while performing their duties and increased surveillance of non-staffed space within our buildings, both for patron safety and theft prevention within and immediately outside of aquatic and recreation facilities. The heavy use of fitness equipment and customer demands requires that a program of equipment replacement is implemented to ensure safety and meet contemporary needs.

Recreation facility amenities must be refurbished to meet public health and safety standards, regulations, and to enhance facilities to meet the needs of the public including accessibility (washrooms, change rooms, signage, public entranceways, etc.) and accessible family amenities (specialty change rooms).

Project Name: **Library Signage, Safety and Accessibility**

Department: Community Services
Project: 621xxxxxyy

Capital Priority Rating: 1 - 2
Service: Libraries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 200 | 200 | 200 | 600 | 600 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | - | - | - | 200 | 200 | 200 | 600 | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 200 | 200 | 200 | - | 600 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 200 | 200 | 200 | | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding is needed to address the specific needs on the exterior of library facilities. Improved signage is required in order to make libraries more visible to the community and address bilingual signage requirements of the City of Winnipeg. Many libraries need improved lighting, security cameras, regular landscape maintenance, and building upgrades to ensure that they remain safe and welcoming to the community and to deter vandalism and graffiti. In addition, funds are necessary to address accessibility needs including exterior ramps, and interior washroom upgrades, wayfinding signage, and life safety apparatus that are required to meet the needs of persons with disabilities.

Project Name: **New Recreation and Leisure Facility Equipment Program**

Department: Community Services
Project: 62510001yy

Capital Priority Rating: 1 - 2
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 400 | 400 | - | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 400 | | | | | | - | 400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 400 | - | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 400 | | | | | | | 400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 11 | 38 | 38 |
| **SURPLUS/(DEFICIT)** | (11) | (38) | (38) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On June 29, 2005, Council approved $43 million for recreation and leisure facilities. Capital funds are required to purchase recreation equipment to meet the program needs of patrons in new and/or expanded facilities. These facilities include the North End Recreation and Leisure Facility and Cindy Klassen Recreation Centre.

Project Name: **Business Application Systems**

Department: Community Services
Project: 626xxxxxyy

Capital Priority Rating: 1 - 2
Service: Community Services - Other

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 250 | - | 250 | 250 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 250 | - | 250 | 250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 250 | - | - | 250 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 250 | - | | 250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding is required for the upgrade and/or implementation of business application systems within the Community Services Department (e.g., Class, Amanda, E-Cash) to improve the delivery of public services. These systems will be designed to introduce new technologies, to integrate with other departmental and corporate systems, and to incorporate web services to customers where possible. This project will allow the department to provide more convenient, efficient and cost-effective service.

Project Name: **Technology Upgrade and Replacement**

Department: Community Services
Project: 62xxxxxxyy

Capital Priority Rating: 1 - 2
Service: Community Services - Other

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | - | 250 | 250 | 250 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | - | 250 | 250 | 250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 250 | - | 250 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | - | 250 | | 250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

By 2014, the majority of the Community Services Department's current technological hardware will be outdated. Capital funding is required to supplement funding from the Computer Equipment Replacement Reserve in order to maintain our life cycle replacement schedule of existing hardware used by staff to deliver public services.

Project Name: **Assiniboine Park Amenities Improvements/Development**

Department: Community Services
Project: 62300001yy
Capital Priority Rating: 1 - 2
Service: Arts, Entertainment and Culture

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 | 3,000 | 12,000 | 14,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 | 3,000 | 12,000 | 14,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 | 3,000 | - | 14,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 | 3,000 | | 14,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 55 | 255 | 446 |
| **SURPLUS/(DEFICIT)** | (55) | (255) | (446) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital investment is required to improve existing Assiniboine Park Amenities (facilities, walkways, washrooms, etc.).

In addition, it is anticipated that the Assiniboine Park Conservancy will require capital funds as well:

- to facilitate transition to the new governance model
- to enable planning and design work
- to leverage additional capital contributions, and
- to allow for new capital investment.

*N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Police Headquarters Renovations**

Department: Winnipeg Police Service
Project: 2200000110
Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,452 | - | - | - | - | 1,452 | 1,452 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 1,452 | | | | | 1,452 | 1,452 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,452 | - | - | - | - | - | 1,452 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,452 | | | | | | 1,452 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The current Police Service offices no longer service the needs of staff due to organizational changes that have taken place. Some offices are too small to be functional while other areas contain wasted space. In addition, in an internal review of 911 services and Police disaster response, a concern with respect to evacuating communications personnel from the Public Safety Building was identified.

These factors will be considered as part of the overall Police Headquarters initiative currently underway.

Project Name: **Replace Voice 2-Way Radio System**

Department: Winnipeg Police Service
Project: 2200000308
Capital Priority Rating: 3 - 4
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,400 | 6,298 | - | - | - | - | - | - | 6,298 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 6,298 | | | | | | - | 6,298 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 6,298 | - | - | - | - | - | - | 6,298 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 6,298 | | | | | | | 6,298 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes replacement of 2-way radio infrastructure and network as well as radios and related equipment. Useful life of existing equipment (circa 1998) will have expired. In addition, the existing hardware technology will not be supported past 2009. Anticipated life span is 10 years.

Project Name: **Wireless Emergency 911 Upgrade**

Department: Winnipeg Police Service
Project: 2200000608
Capital Priority Rating: 3 - 4
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 260 | - | - | - | - | 260 | 260 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 260 | | | | | 260 | 260 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 260 | - | - | - | - | - | 260 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 260 | | | | | | 260 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Approximately 40% of emergency 911 calls are made by persons using cellular phones and this is projected to increase in the future. Research indicates that approximately 15% of callers are unable to provide their location or the call is terminated before the operator can obtain proper information. When a caller is using a land line phone the Police Service can identify the location and number and affect an appropriate response, but is unable to identify the location should the caller be using a cellular phone. This project will enable the identification of the phone number and location of the caller reducing the time required to respond.

Other technologies such as Voice over Internet Protocol (VoIP) are also becoming more common and in the future the current 911 phone system will not be able to effectively handle these calls as the current system will have exceeded its useful life.

Project Name: **Automated Fingerprint Identification System (AFIS) Replacement**

Department: Winnipeg Police Service
Project: 2200000711
Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 500 | | - | - | 500 | 500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 500 | | | | 500 | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 500 | | - | | - | 500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 500 | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A new Automated Fingerprint Identification System (AFIS) was installed in late 2007. Life expectancy of the equipment is approximately 5 years after which time the system hardware may become obsolete and subject to reduced and/or withdrawn maintenance support. If available, maintenance will be more costly as the system ages.

Project Name: **Police Priority Dispatch System**

Department: Winnipeg Police Service
Project: 2200000810
Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 427 | | - | - | - | 427 | 427 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 427 | | | | | 427 | 427 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 427 | | - | - | - | - | 427 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 427 | | | | | | 427 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Police Priority Dispatch System (PPDS) software is a set of protocols designed to standardize and codify the operation of law enforcement dispatch. It is designed to provide safe, effective, and efficient police operations through scene assessment, officer safety issues, and the identification of appropriate police response. The PPDS also includes a quality assurance software package. The PPDS is recognized by the National Academies of Emergency Dispatch, which is the world's recognized standard setting and certification body for emergency dispatch. This project addresses recommendations reported in the June 2002 City of Winnipeg Audit Department's in-depth review of the Winnipeg Police Service Communication Centre. The expected useful life of this project is 25 years.

Project Name: **Outdoor Shooting Range**

Department: Winnipeg Police Service
Project: 2200000508

Capital Priority Rating: 3 - 3+2
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 700 | 896 | - | - | - | - | - | - | 896 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 896 | | | | | | - | 896 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 896 | - | - | - | - | - | - | 896 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 896 | | | | | | | 896 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 67 | |
| **SURPLUS/(DEFICIT)** | - | (67) | |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Winnipeg Police Service (WPS) has an outdoor shooting range located on Cadboro Road. This range is an essential part of the WPS training program. It is used to train WPS recruits as well as to re-qualify its existing members. Council approved the development of Waverley West, and since the shooting range is located within the Waverley West area, it will have to be relocated.

Project Name: **Central Processing Unit**

Department: Winnipeg Police Service
Project: 633100xx10

Capital Priority Rating: 3 - 3+2
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 4,188 | - | - | - | - | 4,188 | 4,188 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 4,188 | | | | | 4,188 | 4,188 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 4,188 | - | - | - | - | - | 4,188 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 4,188 | | | | | | 4,188 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Winnipeg Police Service (WPS) has created a pilot project, the arrest processing unit (APU), that is used to streamline the criminal arrest process and save time of frontline officers. The system allows the officers to turn over the prisoners to the APU for processing, then "return to the streets". The existing APU in the Public Safety Building can handle a limited number of prisoners, and as such, it is creating a bottleneck in the system. The creation of a Central Processing Unit will reduce wait time and increase efficiency in cruiser car deployment.

Project Name: **Identification Unit - Forensic Services**

Department: Winnipeg Police Service
Project: 2200000408
Capital Priority Rating: 3 - 2
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,108 | 768 | - | - | 7,611 | 8,220 | - | 15,831 | 16,599 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 768 | | | 7,611 | 8,220 | | 15,831 | 16,599 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 768 | - | - | 7,611 | 8,220 | - | - | 16,599 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 768 | | | 7,611 | 8,220 | | | 16,599 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 302 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | 302 | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Winnipeg Police Service (WPS) Identification Lab is presently housed in the Public Safety Building. This unit is one of the most critical parts of WPS operation. In this unit, trained technicians examine evidence and establish case work. Police Officers and the Justice System rely on the Identification Unit for accurate and defendable information.

The existing facility needs to be updated for emerging health and safety requirements and standards for preserving the integrity of evidence, and to provide for increased volume.

Project Name: **Winnipeg Police Service Communications**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 7,193 | - | - | - | 7,193 | 7,193 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 7,193 | | | | 7,193 | 7,193 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 7,193 | - | - | - | - | 7,193 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 7,193 | | | | | 7,193 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Technological changes in wireless technology, 911 issues, Voice over Internet Protocol (VoIP), deaf teletype, and data networks require replacement of outdated systems and equipment. This project represents:

1. A change from the current Winnipeg Police Service (WPS) wireless data network to a Mesh Network Solution;

2. Replacement of the existing phone system;

3. Miscellaneous upgrades related to the 911 alternate site. Legislation requires the WPS to provide an alternate communication backup site to ensure continued service should equipment fail during an emergency. Specifically, legislation requires that every Public Safety Answering Point (PSAP) service must have a facility that (a) has a risk assessment carried out in accordance with guidelines approved by the Minister; and (b) can, within one hour, be operational as a PSAP facility to the extent of 80% of the capacity of the PSAP service's primary PSAP facility.

Project Name: **Digital Recording - Interview rooms**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 523 | - | - | 523 | 523 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 523 | | | 523 | 523 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 523 | - | - | - | 523 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 523 | | | | 523 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is to replace an outdated PC based digital system required for recording interviews. This was a legislated requirement that occurred in 2005 which will see current equipment obsolete by 2012. Digital recording is now required in interview rooms and it appears that the Crown will require monitoring of all prisoners while in a police station. Therefore provision for video surveillance must be made in all police buildings. Increase of $200,000 to outfit new district stations is requested.

Project Name: **Information Systems - Unified Management, Storage, and Archiving System**

Department: Winnipeg Police Service
Project: 22XXXXXXYY
Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | - | 593 | 593 | 593 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | | 593 | 593 | 593 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 593 | - | 593 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 593 | | 593 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is required to address both the replacement needs and the future requirements of the Winnipeg Police Service with respect to the management, storage, and archiving of electronic data. Existing systems require replacement to meet legal and technical requirements. A unified approach is required to address the needs of the entire Winnipeg Police Service.

Project Name: **Mobile Laptops**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 1,200 | - | 1,200 | 1,200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 1,200 | | 1,200 | 1,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 1,200 | - | - | 1,200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 1,200 | | | 1,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The mobile laptop technology in cruiser cars needs to be replaced every 5 to 6 years due to the obsolescence of this equipment and the harsh environment to which they are subjected. Currently there are about 200 mobile laptops in cruiser cars at a cost of $5,000 each. Additional costs are for modem upgrades, brackets and mounting equipment used to attach the laptops to the vehicles. Ergonomically placed laptop computers are critical for prevention of back injuries to police officers.

Project Name: **Evidence Control Building**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | - | 6,556 | 6,556 | 6,556 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | | 6,556 | 6,556 | 6,556 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 6,556 | - | 6,556 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 6,556 | | 6,556 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Evidence control facilities are the most under valued facilities in modern day policing. Every piece of property is catalogued and tracked including property seized at a crime scene and found property. Due to emerging techniques in forensic science, evidence retention periods are getting longer. Seized guns, grow ops and murder exhibits are adding tremendous pressure on resources and space. Officers commute back and forth every time they need to retrieve an exhibit for a court date. Therefore, it is advantageous to have this facility either centrally located or next to a district station. This project includes funds for a building warehouse $6,000,000 (approx. 40,000 sq.ft.), office $3,000,000 (approx. 10,000 sq.ft.), and a compound $250,000 (approx. 20,000 sq.ft.) for a total of $9,250,000. Future year authorizations will be required.

Project Name: **Police Building Replacement**

Department: Winnipeg Police Service
Project: 633100xx10

Capital Priority Rating: 3 - 3+2
Service: Police Response

| AUTHORIZATION | Previous Budgets* | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 58,525 | 3,734 | - | - | - | - | - | - | 3,734 |
| Financed by: | | | | | | | | | |
| Public Private Partnership | | 3,734 | - | - | - | | | - | 3,734 |
| Cash to Capital (Equity in Capital Assets) | | 891 | 891 | 2,258 | 3,816 | 3,915 | 3,915 | 14,795 | 15,686 |
| Public Private Partnership Lease Payments | | (891) | (891) | (2,258) | (3,816) | (3,915) | (3,915) | (14,795) | (15,686) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 891 | 891 | 2,258 | 3,816 | 3,915 | 3,915 | 127,421 | 143,107 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets) | 891 | 891 | 2,258 | 3,816 | 3,915 | 3,915 | 127,421 | 143,107 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 2008 Adopted Capital Budget and 2009 to 2013 Five Year Forecast approved by Council on December 18, 2007 included estimated budget required to procure two district stations including, potentially, property and purchase the necessary furniture and special equipment needed at the Police Stations.

0n July 18, 2007, Council approved the award of a public-private partnership (3P) contract for the development and operation of the East District Police Station based on a 30-year lease term.

The above estimates have been prepared by the Public Service based on the 3P contract for the East District Police Station, estimated procurement, furniture and special equipment costs and include estimated construction inflation and timelines for the development of the West and North District Police Stations.

Note that the above annual cash flow estimates represent lease payments and include technical maintenance, but not utility and other operating maintenance expenses.

* Note that "Previous Budgets" amount includes $49.8 million in funding identified as "Public Private Partnership Authorization" and $8.725 million in funding from Equity in Capital Assets.

Project Name: **Facilities Replacement and Relocation Program**

Department: Fire Paramedic Service
Project: 21000011yy
Capital Priority Rating: 3 - 3
Service: Fire and Rescue Response

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 2,600 | - | 840 | 850 | 858 | 5,148 | 5,148 |
| Financed by: | | | | | | | | | |
| Equity in Capital Assets Fund | | | 2,600 | | 840 | 850 | 858 | 5,148 | 5,148 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | 2,100 | 400 | 840 | 450 | 858 | 5,148 |
| Financed by: | | | | | | | | |
| Equity in Capital Assets Fund | | 500 | 2,100 | 400 | 840 | 450 | 858 | 5,148 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 10 | 75 |
| **SURPLUS/(DEFICIT)** | - | (10) | (75) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

* N/A No amounts have been included in the “Previous Budgets” due to this project’s on-going nature.

This project represents the annual program for station relocations, facilities improvements and facilities replacements. In 2008, Winnipeg Fire Paramedic Service (WFPS) funding was approved for the replacement of Station 11 (200 Berry). Present priorities for replacement are as follows:

| Funds will be allocated to: | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Total |
|---|---|---|---|---|---|---|---|
| Pump and Aerial Test Facility | | 300 | | | | | 300 |
| Station # 12 Replacement | | | | | | | |
| Design and construction | | 2,300 | | | | | 2,300 |
| Station # 18 Replacement | | | | | | | |
| Phase 1 - design and construction | | | | 840 | | | 840 |
| Phase 2 - construction | | | | | 850 | | 850 |
| Station # 4 Replacement | | | | | | | |
| Preliminary Design | | | | | | 858 | 858 |
| | - | 2,600 | - | 840 | 850 | 858 | 5,148 |

Project Name: **Computer Automation**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 3
Project: 6361000409
Service: Planning Property and Development - Other

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | 200 | 200 | 200 | 200 | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 200 | 200 | 200 | 200 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 6 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 19 |
| **SURPLUS/(DEFICIT)** | - | 6 | (13) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an on going office automation program. The emphasis has been on general office automation and network installation, workflow and re-engineering technologies, electronic file and records management, and image based systems. Successes to date have concentrated on distribution of vital information through Local and Wide Area Networks and Image and Workflow system installation. New solutions will flow from the adoption of these technologies and will allow the department to provide convenient, efficient and cost effective service. Organizational performance improvements in areas of efficiency and quality would result from project activities such as the purchase and implementation (including initial training) of new software and hardware, process re-engineering, value-stream mapping, replacement of legacy systems (migration from no longer supported software), and integration of parallel but related systems.

A general program of system renewal is contemplated. This program would be the start of an overhaul of the technology, systems, programs, and processes implemented in the early 1990's. This is seen as reasonable and prudent to ensure the continued longevity of the City's investment in office automation.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Riverbank Greenway Programs**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 2
Project: 6351300109
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,358 | 178 | 385 | 403 | 551 | 381 | 448 | 2,168 | 2,346 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 178 | 385 | 403 | 551 | 381 | 448 | 2,168 | 2,346 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 178 | 385 | 403 | 551 | 381 | 448 | - | 2,346 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 178 | 385 | 403 | 551 | 381 | 448 | | 2,346 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 5 | 11 | 12 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 17 | 54 |
| **SURPLUS/(DEFICIT)** | 5 | (6) | (42) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project promotes the use of the City's rivers and riverbanks by facilitating public access to rivers and riverbank lands and encouraging the use of Winnipeg rivers for transportation and recreation through the provision of boat launches, docks, pathways, and other accessibility improvements.

Funds provided are for implementation according to the prioritized river segments adopted by Council as opportunities present themselves and as needs dictate. The current top six priority parkways include North Winnipeg, Churchill Drive, Kildonan, St. Boniface, Fort Rouge, and Assiniboine, in no particular order.

2008 - Completion of the North Winnipeg Parkway - Norquay to Aberdeen, St. John's Park.

2009 - North Assiniboine Parkway, Sturgeon Creek, South Winnipeg Parkway.

Project Name: **Cemeteries - Improvements**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 3
Project: 6322100109
Service: Cemeteries

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,266 | 400 | 400 | 300 | 200 | 200 | 200 | 1,300 | 1,700 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 400 | 400 | 300 | 200 | 200 | 200 | 1,300 | 1,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 400 | 400 | 300 | 200 | 200 | 200 | - | 1,700 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 400 | 400 | 300 | 200 | 200 | 200 | | 1,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 12 | 12 | 9 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 38 | 76 |
| **SURPLUS/(DEFICIT)** | 12 | (26) | (67) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds are required to supplement investment being received from Veterans Affairs Canada under a joint funding project to renovate the Brookside Cemetery. VAC have so far invested $60k in 2007, $200k in 2008, further funding is promised but not guaranteed for the next 5 years.

In addition, the Capital funds are required for the purchase and installation of columbaria and other cremation interment facilities at City cemeteries. In the past the investment in columbaria units has generated revenues in excess of 200% of the investment sum. The Brookside Cemetery needs to have installed a cremation garden which will assist in increasing revenues.

Funding is required to install new roadways and interment sections in Brookside Cemetery.

Project Name: **Downtown Enhancement Program**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351800109
Service: City Beautification

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,400 | 400 | 400 | 400 | 400 | 400 | 400 | 2,000 | 2,400 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 400 | 400 | 400 | 400 | 400 | 400 | 2,000 | 2,400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 400 | 400 | 400 | 400 | 400 | 400 | - | 2,400 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 400 | 400 | 400 | 400 | 400 | 400 | | 2,400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 12 | 12 | 12 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 38 | 76 |
| **SURPLUS/(DEFICIT)** | 12 | (26) | (64) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project's objective is for functional and aesthetic improvements and required infrastructure upgrades to public spaces and streetscapes in the Downtown and Exchange District National Heritage Site. The funds enhance accessibility, safety, comfort and urban design quality of pedestrian environments and fulfill the commitment to the "Downtown First" philosophy. The Downtown Winnipeg Urban Design Guidelines provide the guiding principles to support design and enhance the livability of Winnpeg's Downtown Urban environment. The program will support and develop ongoing partnership opportunities for future development and redevelopment, and projects such as: Old Market Square; Broadway; Hydro Tower; Millennium Library Park; Assinboine Riverwalk; etc. Projects and funding have traditionally relied upon partnerhsip opportunities and have supported private redevelopments.

Funding will also be used to support the National Historic Site Designation of the Exchange District.

These public open space and streetscape improvements are over and above and exclusive of work assumed by the Public Works, Transit, and Water and Waste Departments who are responsible for existing infrastructure such as street trees, planters, boulevards, accessibility concerns, and required maintenance.

Priorities from 2009-2014 include Old Market Square, Manitoba Hydro Precinct, Portage Avenue Lighting, and the Edmonton Street Pedestrian Corridor.

Project Name: **Image Route Enhancements / Streetscaping**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351241509
Service: City Beautification

| AUTHORIZATION | Previous Budgets | 2009 Estimate ** | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 400 | 400 | 400 | 400 | 400 | 2,000 | 2,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 400 | 400 | 400 | 400 | 400 | 2,000 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 400 | 400 | 400 | 400 | 400 | - | 2,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 400 | 400 | 400 | 400 | 400 | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 24 | 12 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 76 |
| **SURPLUS/(DEFICIT)** | - | 24 | (64) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds will be utilized to initiate, partner, and implement streetscape and open space initiatives, enhance accessibility, safety, comfort, and urban design quality of pedestrian environments, and promote the City of Winnipeg's image and safety. These enhancements are over and above and exclusive of work assumed by the Public Works Department that includes curb, street, and sidewalk repairs and required maintenance of existing infrastructure including shrub, tree, and turf replacement.

The capital works will include the City's Universal Design Policy, adopted by Council in 2001, and the Principles and Guidelines for Tree Planting on Regional Streets.

This enhancement program will continue in consultation and collaboration with the Winnipeg BIZ Association and in partnership with the private sector. The program takes the form of decorative medians, pedestrian lighting, banner poles, special entry nodes, special pavement treatments, character signage, plant trees, and site furnishings including benches, waste receptacles, tree grates, tree guards, information kiosks, and bicycle racks to support the Neighbourhood Main Streets, etc.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

** Due to available unspent balances, no current year program authorization required.

Project Name: **Expand Property Management and Integrate with Public Works Work Management System**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 3+1
Project: 6361000109
Service: Planning Property and Development - Other

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 112 | - | - | - | - | - | - | 112 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 112 | | | | | | - | 112 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 112 | - | - | - | - | - | - | 112 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 112 | | | | | | | 112 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 3 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 11 | 11 |
| **SURPLUS/(DEFICIT)** | 3 | (11) | (11) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The information and data processing needs of the Civic Accommodations Division require enhancement and the ability to integrate the existing property management systems with the Public Works work management system. The City's building assets are recorded, maintained, and updated by the Civic Accommodations Division. The department has an existing graphical, architectural based system which provides building specific information on space measurement and utilization.

As well, the department has a standardized, purchased property management system which records and reports all aspects of property management including approved (commercial and residential) and vacant properties owned by and leased from the City. The Public Works Department provides a means of tracking inputs, outputs, and relative costs associated with the maintenance of buildings and assets.

This budget will provide the requisite linkages to reduce duplication of data entry and provide a mechanism for sharing information between departments. The integration of property management with the Amanda software for workflow and process management will also be examined. The use of the Amanda software for project tracking and facilities management will be implemented.

Project Name: **Riverbank Access Park and Dock Network**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 2
Project: 6351700109
Service: Transportation Planning and Traffic Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 700 | 100 | - | - | - | - | - | - | 100 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 100 | | | | | | - | 100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | - | - | - | - | - | 100 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | | | | | | | 100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 3 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 10 | 10 |
| **SURPLUS/(DEFICIT)** | 3 | (10) | (10) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The goal is the strengthening of the economies of the City's central business districts and enhancing the livability of the surrounding neighbourhoods. The scope of this project calls for the design and development of celebratory, signature, year-round riverbank access points.

Funds will be utilized to implement the balance of the network of docks and open space enhancements associated with the Coalition Accès Rivière - River Access Coalition (CARRAC) dock network. These developments have taken the form of riverbank stabilization, riverdock access, and support to an active transportation system.

The system provides permanent boat docks for both water and land based recreation for the public and other features which celebrate and enhance access to the neighbourhoods.

Additional locations will be developed to enhance the CARRAC dock network as funding is available. Priorities are Phase-2 Osborne, Spence Street; Whittier/Festival Park.

Project Name: **Public Art Strategy**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 1
Project: 6351400709
Service: City Beautification

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,100 | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 500 | 500 | 500 | 500 | 500 | - | 3,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 500 | 500 | 500 | 500 | 500 | | 3,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 15 | 15 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 48 | 95 |
| **SURPLUS/(DEFICIT)** | 15 | (33) | (80) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On September 24, 2003, Council approved in principle the Public Art Policy of the Mayor's Task Force on Public Art in Winnipeg and directed that the Chief Administrative Officer work in conjunction with WAC (Winnipeg Arts Council) to develop the necessary procedures for implementing the direction of the policy, including but not limited to those areas relating to governance and funding. Council adopted a Public Art Policy on October 27, 2004.

Projects implemented or underway include:

- The Millennium Library;

- Vimy Ridge Park;

- Living Prairie Museum;

- WITH ART projects: Spence Neighbourhood, Manitoba Urban Native Housing Association, Manitoba Maternity Care Action Network, Elwick Community, Dorchester House, The Edge Artist Village, The Eritrean Community, Immigrant and Refugee Community Organization of Manitoba.

Priority sites identified for public art installations for 2009-2010 include Old Market Square, Central Park, Broadway, North End Wellness Centre, Redwood Bridge, Disraeli Freeway, Weather Protected Walkway, River Avenue and Osborne Street, and Kildonan Park.

Project Name: **Land Acquisition for General Unspecified Purposes**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 2+2
Project: 6321100109
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 200 | 300 | 400 | 400 | 400 | 1,700 | 1,700 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 200 | 300 | 400 | 400 | 400 | 1,700 | 1,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | 300 | 400 | 400 | 400 | - | 1,700 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 300 | 400 | 400 | 400 | | 1,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 6 | 9 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 19 |
| **SURPLUS/(DEFICIT)** | - | 6 | (10) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

General provision for the annual acquisition of land for purposes other than regional streets and riverbank property. This provides for the acquisition of properties which are unforeseen at this time.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Developer Payback**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 1
Project: 635xxxxx09
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 454 | 290 | 261 | 88 | - | - | 639 | 1,093 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 454 | 290 | 261 | 88 | | | 639 | 1,093 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 454 | 290 | 261 | 88 | - | - | - | 1,093 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 454 | 290 | 261 | 88 | | | | 1,093 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 13 | 9 | 8 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 43 | 71 |
| **SURPLUS/(DEFICIT)** | 13 | (34) | (63) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg is legally obligated through the approved Development Agreement parameters to provide payback on older Developer Agreements based on the approved 48/52% split on the development of park costs.

Applications from some of the outstanding (older) agreements are now being received due to the current build out.

Calculations based on industry consultation.

Project Name: **Central Park Redevelopment**

Department: Planning, Property and Development
Project: 635xxxxx09

Capital Priority Rating: 1 - 1
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | - | - | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,000 | | | | | | - | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | - | - | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,000 | | | | | | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 26 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 95 | 95 |
| **SURPLUS/(DEFICIT)** | 26 | (95) | (95) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On July 16th, 2008 Council approved that $1,000,000 be included in the 2009 Capital Budget to be used for the Grant portion of the City of Winnipeg Central Park Redevelopment.

The Grant is to be provided to CentreVenture Development Corporation specifically for infrastructure costs of the re-development of Central Park.

The City of Winnipeg will receive credit for this cash contribution towards the redevelopment of Central Park under the Winnipeg Partnership Agreement.

Project Name: **Riverbank Stabilization Grant Program**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 1
Project: 635xxxxxxx
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | - | - | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | | | | | | - | 500 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | | 500 | | | | | | | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | - | - | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | | | | | | | 500 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | 500 | | | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 18 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 57 | 57 |
| **SURPLUS/(DEFICIT)** | 18 | (57) | (57) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On July 16th, 2008 Council approved that $1,000,000 be included in the 2009 Capital Budget to be used for the grant portion of a Riverbank Stabilization Grant Program.

The Chief Administrative Officer was delegated authority to:

- Establish and amend individual Project Agreements with affected property owners

- Determine, allocate and distribute to each successful program applicant the grant money associated with this Program as per the Program's Criteria and Procedures; and

- Establish and amend technical criteria associated with Project evaluation and Program requirements

The Program is to be reviewed during the 2009 Program year and that recommendations for extending, discontinuing, or amending the Program will be made to Council in time for implementation in the 2010 and subsequent Capital Programs.

Project Name: **Riverbank Stabilization - Physical Asset Protection**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 4

Project: 6351300209
Service: Parks and Urban Forestry

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,700 | 600 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 5,600 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,700 | 100 | 100 | 1,000 | 1,000 | 1,000 | 1,000 | 4,100 | 4,200 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | 4,000 | 500 | 900 | | | | | 900 | 1,400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | - | 5,600 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | 100 | 1,000 | 1,000 | 1,000 | 1,000 | | 4,200 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | 500 | 900 | | | | | | 1,400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 29 | 29 | 29 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 95 | 190 |
| **SURPLUS/(DEFICIT)** | 29 | (66) | (161) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2000, the riverbank stability characterization study identified stability conditions of 106 km of City owned riverbank property which comprises approximately 45% of all such property within The City of Winnipeg. Inasmuch as costs to effectively stabilize all City owned river and creek banks requires a significant funding commitment of $80 million (2000 dollars), "first phase" priority sites were established in the report for purposes of the City implementing stabilization along the most critical sections of riverbank. Three priority sites have been stabilized to date, namely, Annabella Street to May Street (2003), St John's Park (2006), and Bunn's Creek (2006) at a total cost of approximately $2.0 million. The remaining "first phase" priority sites are identified as follows.

The Planning, Property and Development Department is currently developing a Geographic Information System Riverbank Asset Management System which will systematically update the priority site listing for all City owned riverbank property based on assigned engineering attributes. It is anticipated that the updated list will be finalized in 2009.

| Site | Amount |
|---|---|
| Red River - Churchill Park | 2,000,000 |
| Red River - Lyndale Drive | 1,445,000 |
| Red River - Kings Park | 450,000 |
| Red River - Crescent Park | 765,000 |
| Assiniboine River - Fort Rouge Park | 400,000 |
| Red River - King's Park 2 | 2,720,000 |
| Red River - Minnetonka | 440,000 |
| Seine River - Evans Avenue at Cusson Street | 240,000 |
| Assiniboine River - Granite Club/Mostyn Park | 870,000 |
| Total: | 9,330,000 |

Project Name: **Building Communities**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 4
Project: 6351200009
Service: Neighbourhood Revitalization

| AUTHORIZATION | Previous Budgets* | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 8,000 | - | 2,650 | 200 | 200 | 1,000 | 1,000 | 5,050 | 5,050 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 1,325 | 100 | 100 | 500 | 500 | 2,525 | 2,525 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | | | 1,325 | 100 | 100 | 500 | 500 | 2,525 | 2,525 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 2,650 | 200 | 200 | 1,000 | 1,000 | - | 5,050 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,325 | 100 | 100 | 500 | 500 | | 2,525 |
| Manitoba Winnipeg Infrastructure Program (MWIP) | | 1,325 | 100 | 100 | 500 | 500 | | 2,525 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 77 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 252 |
| **SURPLUS/(DEFICIT)** | - | 77 | (246) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 'Building Communities' Initiative is a capital expenditure program that invests in community infrastructure in Winnipeg's neighbourhoods. The program's goals are to improve living conditions in Winnipeg's older neighbourhoods, where capital improvements in parks, community facilities, municipal infrastructure, and crime prevention initiatives will have lasting, long-term benefits to the neighbourhood and the larger urban community. This program will be cost-shared on a 50-50 basis with Manitoba Intergovernmental Affairs.

The current 'Building Communities' Initiative is currently in its final year and will be completed on September 30, 2008. The City and Province have jointly funded capital investment programs in older, physically declining neighbourhoods since 1974. The City and Province have agreed in principle to a new $10 million Building Communities Initiative: Phase Two. The program will focus on capital investment in physically declining community infrastructure in all areas of the city.

* Includes $650,000 approved in the 2006 capital budget under 'Special Innovative Capital.'

Project Name: **General Building Renovation and Refurbishing**

Department: Civic Accommodations
Project: 63310000210
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 500 | 500 | 500 | 500 | 500 | 2,500 | 2,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 500 | 500 | 500 | 500 | 500 | 2,500 | 2,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | 500 | 500 | 500 | 500 | - | 2,500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 500 | 500 | 500 | 500 | | 2,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 15 | 15 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 48 |
| **SURPLUS/(DEFICIT)** | - | 15 | (33) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an ongoing program to fund small corporate moves, minor interior renovations, and other miscellaneous projects for which no other separate financing is available. Fundamental to productivity gain: for corporate renovations, moves, etc. which facilitate client changes/ activities.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Civic Buildings - Barrier Free Access**

Department: Civic Accommodations
Project: 6331000611
Capital Priority Rating: 3 - 2+2
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | - | 300 | 300 | - | 230 | 830 | 830 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 300 | 300 | | 230 | 830 | 830 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 300 | 300 | - | 230 | - | 830 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 300 | 300 | | 230 | | 830 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | 9 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | 9 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

To improve accessibility for disabled persons to existing city-owned buildings and in so doing meet the legislated standards with respect to barrier free access. Legally required: Building Code requirements.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Removal of Asbestos**

Department: Civic Accommodations
Project: 6331000309
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 100 | 300 | 100 | 124 | 100 | 500 | 1,124 | 1,224 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 100 | 300 | 100 | 124 | 100 | 500 | 1,124 | 1,224 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 300 | 100 | 124 | 100 | 500 | - | 1,224 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | 300 | 100 | 124 | 100 | 500 | | 1,224 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 3 | 9 | 3 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 10 | 38 |
| **SURPLUS/(DEFICIT)** | 3 | (1) | (35) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A regulatory requirement during renovations is the removal of hazardous material from existing facilities. An inventory of asbestos within City buildings has been completed. Work is performed when other building renovations are planned or when some other physical disturbance of asbestos covered building components occurs. This money may also be used to remove mould and other hazardous materials during building renovations, which often is identified at the same time as the asbestos.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Roof Replacement**

Department: Civic Accommodations
Project: 6331001709
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 500 | 800 | 200 | 200 | 250 | 400 | 1,850 | 2,350 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 800 | 200 | 200 | 250 | 400 | 1,850 | 2,350 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 800 | 200 | 200 | 250 | 400 | - | 2,350 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 800 | 200 | 200 | 250 | 400 | | 2,350 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 24 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 48 | 124 |
| **SURPLUS/(DEFICIT)** | 15 | (24) | (118) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The roofs on many of the buildings in the Civic Accommodations portfolio are nearing or beyond the end of their useful life. Ongoing maintenance costs for these roofs are continuing to rise. Operating budgets do not provide adequate funding for the replacement of roofs. Replacement of roofs will also provide an opportunity to upgrade roof insulation, which will result in energy savings.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Fire Safety Upgrading - Various Locations**

Department: Civic Accommodations
Project: 6331000409
Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 200 | 500 | 200 | 200 | 200 | 400 | 1,500 | 1,700 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 500 | 200 | 200 | 200 | 400 | 1,500 | 1,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 500 | 200 | 200 | 200 | 400 | - | 1,700 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | 500 | 200 | 200 | 200 | 400 | | 1,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | 15 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 19 | 67 |
| **SURPLUS/(DEFICIT)** | 6 | (4) | (61) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Renovations within existing buildings are becoming more expensive as the existing buildings do not meet the fire protective design requirements of current building codes. The present fire safety controls in buildings are aging and require replacement or upgrading to current standards. Legally required/essential: code and life safety requirements.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Police Headquarters**

Department: Civic Accommodations
Project: 6331000909
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 15,933 | 5,367 | - | - | - | - | - | - | 5,367 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 5,367 | | | | | | - | 5,367 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 5,367 | - | - | - | - | - | - | 5,367 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 5,367 | | | | | | | 5,367 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 156 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 511 | 511 |
| **SURPLUS/(DEFICIT)** | 156 | (511) | (511) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Existing limestone cladding on the Public Safety Building (PSB) is deteriorating to the extent that a major structural repair is required.

A consultant was hired in 2003 to investigate the removal and re-design of the exterior cladding for the PSB. Subsequently, a review was established to determine the best approach for the City's Police Headquarters. Funding has been set aside to respond to the results of the review.

Project Name: **Energy Conservation**

Department: Civic Accommodations
Project: 6331000610
Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 300 | - | 200 | - | 200 | 700 | 700 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 300 | | 200 | | 200 | 700 | 700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 300 | - | 200 | - | 200 | - | 700 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 300 | | 200 | | 200 | | 700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 9 | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 29 |
| **SURPLUS/(DEFICIT)** | - | 9 | (29) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is part of a continuing initiative to reduce energy consumption.

Optimizes Operational Savings.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Civic Centre Car Park Tunnel**

Department: Civic Accommodations
Project: 6331000112
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | - | - | - | 200 | - | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 200 | | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 200 | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 200 | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Structural repairs, waterproofing, and restoration to the underground tunnel between the Car Park and the Civic Centre are required. The estimate contained for 2012 provides for the associated engineering costs only.

Major structural repairs will be required.

Project Name: **Tenant Improvement Prepayment - Major Department**

Department: Civic Accommodations
Project: 6331002312
Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | - | - | 500 | - | 500 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 500 | | 500 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 500 | - | 500 | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 500 | | 500 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds set aside for replacement of depreciated tenant improvements.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Historic Building Stabilization**

Department: Civic Accommodations
Project: 6331000709
Capital Priority Rating: 3 - 2
Service: Heritage Conservation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 500 | 400 | - | 200 | 200 | 200 | 1,000 | 1,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 400 | - | 200 | 200 | 200 | 1,000 | 1,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 400 | - | 200 | 200 | 200 | - | 1,500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 400 | - | 200 | 200 | 200 | | 1,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 12 | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 48 | 86 |
| **SURPLUS/(DEFICIT)** | 15 | (36) | (86) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg has a substantial inventory of historic buildings that are steadily deteriorating. This program will provide for structural planning and remediation of further deterioration.

Major structural repairs will be required.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades**

Department: Civic Accommodations
Project: 6331000810
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 950 | - | 900 | - | 200 | 500 | 500 | 2,100 | 2,100 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 900 | | 200 | 500 | 500 | 2,100 | 2,100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 900 | - | 200 | 500 | 500 | - | 2,100 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 900 | | 200 | 500 | 500 | | 2,100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 26 | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 86 |
| **SURPLUS/(DEFICIT)** | - | 26 | (86) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The HVAC systems in many of the buildings in the Civic Accommodations' portfolio are believed to be nearing the end of their useful life or are not operating to regulatory requirements for indoor air quality. Upgrading of the HVAC systems is expected to result in significant energy savings.

Project Name: **Building Envelope - Evaluation and Emergency Repair**

Department: Civic Accommodations
Project: 6331001209
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | 500 | 1,000 | - | 200 | - | 200 | 1,400 | 1,900 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 1,000 | | 200 | | 200 | 1,400 | 1,900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 1,000 | - | 200 | - | 200 | - | 1,900 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 1,000 | | 200 | | 200 | | 1,900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 29 | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 48 | 143 |
| **SURPLUS/(DEFICIT)** | 15 | (19) | (143) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Building envelope concerns have been identified in a number of city-owned buildings. There is a requirement to establish the condition of the building envelopes for all buildings within the Civic Accommodations portfolio. The project will include a study to establish budgets for future building envelope retrofits, and the repairs for priorities identified in the study.

Project Name: **Elevator and Escalator Repair**

Department: Civic Accommodations
Project: 633100xx10
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 800 | 400 | 200 | 300 | 300 | 2,000 | 2,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 800 | 400 | 200 | 300 | 300 | 2,000 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 800 | 400 | 200 | 300 | 300 | - | 2,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 800 | 400 | 200 | 300 | 300 | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 24 | 12 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 76 |
| **SURPLUS/(DEFICIT)** | - | 24 | (64) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The elevators and escalators in many of the buildings in the Civic Accommodations portfolio are nearing or beyond the end of their useful life. Replacement of the old elevators and escalators will provide more universally accessible buildings, and the upgraded systems will result in energy savings.

Project Name: **510 Main Street - Generator Set Replacement**

Department: Civic Accommodations
Project: 633100xx13
Capital Priority Rating: 3 - 3
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 1,600 | - | 1,600 | 1,600 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 1,600 | | 1,600 | 1,600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 1,600 | - | - | 1,600 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 1,600 | | | 1,600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds set aside for replacement of depreciated tenant improvements.

The existing generator set in the City Hall complex is coming to the end of its useful life for several reasons. It was installed when the City Hall complex was constructed in 1964. Maintenance costs are rising and there is a possibility that the existing generator may not function as intended in a future power outage. Present Building Codes require additional equipment, needed for fire and life safety purposes, to be supplied with backup power from a generator. Upgrades to the fuel delivery system are also required by current Codes. Mission critical operations within the City Hall complex require backup power which exceeds the capacity of the existing generator set. These mission critical operations include the Emergency Operations Centre, Central Control, and select corporate computer equipment.

Project Name: **Surface Parking Lot Repairs**

Department: Civic Accommodations
Project: 6331002310
Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | 200 | 200 | 200 | 200 | - | 1,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 200 | 200 | 200 | 200 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 6 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 19 |
| **SURPLUS/(DEFICIT)** | - | 6 | (13) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Ongoing program for repair and replacement of surface parking lots and paved yards for City facilities which are not managed by other departments or the Winnipeg Parking Authority. Many of the City parking lots service public buildings such as libraries and police stations, and are in a state of disrepair.

N/A * - No amounts have been included in the "Previous Budgets".

Project Name: **Generator Set Replacement and Upgrades**

Department: Civic Accommodations
Project: 63xxxxxx13
Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 200 | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 200 | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 200 | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 200 | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing emergency generator sets in a number of the buildings in the Civic Accommodations portfolio are coming to the end of their useful life for several reasons. Maintenance costs are rising and there is a possibility of existing generators not functioning as intended in future power outages.

Present building codes require additional equipment, needed for fire and life safety purposes, to be supplied with backup power from a generator. Mission critical operations within these facilities require backup power which exceeds the capacity of existing generator sets.

Building occupants are requesting backup power for their information technology operations which existing generator sets are not able to provide.

Project Name: **Electrical Distribution System Upgrades**

Department: Civic Accommodations
Project: 63xxxxxx13
Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 200 | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | | 200 | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 200 | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 200 | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The electrical distribution systems in many of the buildings in the Civic Accommodations portfolio have major components believed to be nearing the end of their useful life. The distribution systems in some buildings are no longer adequate to safely meet the changing occupant requirements for electrical power.

Project Name: **Community Centres - Refurbishing and Improvements**

Department: Building Services
Project: 6390000109

Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 500 | 500 | 500 | 500 | 500 | - | 3,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 500 | 500 | 500 | 500 | 500 | - | 3,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 15 | 15 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 48 | 95 |
| **SURPLUS/(DEFICIT)** | 15 | (33) | (80) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishing and Improvements of Community Centres (CC).

Projects for 2009 include the following:

| | |
|---|---|
| Roofing/Building Envelope - East End, Oxford Heights, Luxton and Waverley Heights CC. | 215 |
| HVAC Replacement/Upgrades - Oxford Heights, Southdale, River Heights and Greendell CC. | 205 |
| Parking Lot and Building Access Asphalt/Hard Surface Replacement and Drainage Improvements - Riverview CC. | 80 |
| | 500 |

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Arenas**

Department: Building Services
Project: 6391000109

Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 525 | 525 | 525 | 525 | 525 | 525 | 2,625 | 3,150 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 525 | 525 | 525 | 525 | 525 | 525 | 2,625 | 3,150 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 525 | 525 | 525 | 525 | 525 | 525 | - | 3,150 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 525 | 525 | 525 | 525 | 525 | 525 | | 3,150 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 15 | 15 | 15 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 50 | 100 |
| **SURPLUS/(DEFICIT)** | 15 | (35) | (85) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or improvements to various indoor arenas including ice plant component replacement, interior improvements, heating, ventilation and electrical improvements, replacements of rink components, building envelope and structural improvements.

Projects for 2009 include the following:

| | |
|---|---|
| Roof Replacement - Roland Michener Arena. | 125 |
| Glue Lam Beam Repairs - Roland Michener Arena. | 200 |
| Rink Board Replacement - Terry Sawchuk Arena / Sam Southern Arena / River East Arena. | 100 |
| Interior Floor Replacement - Maginot Arena / Bertrand Arena / St. James Civic Centre. | 100 |
| | 525 |

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Indoor Aquatic Facilities**

Department: Building Services
Project: 6392000109

Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 2,450 | 2,450 | 2,450 | 2,530 | 2,530 | 2,530 | 12,490 | 14,940 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 2,450 | 2,450 | 2,450 | 2,530 | 2,530 | 2,530 | 12,490 | 14,940 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,450 | 2,450 | 2,450 | 2,530 | 2,530 | 2,530 | - | 14,940 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 2,450 | 2,450 | 2,450 | 2,530 | 2,530 | 2,530 | - | 14,940 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 72 | 72 | 72 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 233 | 466 |
| **SURPLUS/(DEFICIT)** | 72 | (161) | (394) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and replacement of deteriorated building components/systems to selected aquatic facilities due to safety issues and aging building systems.

Projects for 2009 include the following:

| | |
|---|---|
| Building envelope - Pan Am Pool. | 1,000 |
| Parking lot partial replacements - Elmwood Kildonan / Seven Oaks / Cindy Klassen / Pan Am. | 200 |
| Mechanical system upgrade - North End Centennial. | 135 |
| HVAC upgrades - St. James Centennial / Seven Oaks / Elmwood Kildonan / Cindy Klassen. | 465 |
| Electrical upgrades - St. James Centennial / Seven Oaks / Elmwood Kildonan / Cindy Klassen. | 300 |
| Plumbing systems replacement - St. James Centennial / Seven Oaks / Elmwood Kildonan / Cindy Klassen. | 250 |
| Site redevelopment - Elmwood Kildonan / Seven Oaks / St James Centennial / North End Centennial. | 100 |
| | 2,450 |

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Outdoor Aquatic Facilities**

Department: Building Services
Project: 6393000109
Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 250 | 350 | 350 | 350 | 350 | 330 | 1,730 | 1,980 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 250 | 350 | 350 | 350 | 350 | 330 | 1,730 | 1,980 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 350 | 350 | 350 | 350 | 330 | - | 1,980 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 250 | 350 | 350 | 350 | 350 | 330 | - | 1,980 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 7 | 10 | 10 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 24 | 57 |
| **SURPLUS/(DEFICIT)** | 7 | (14) | (47) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishing/improvements to various outdoor facilities including wading pool basins, slide components, outdoor swimming pool tanks, mechanical system and pool decks required due to aging building infrastructure.

Projects for 2009 include the following:

| | |
|---|---|
| Building Upgrade to Kildonan Park Pool Change Building/systems. | 150 |
| Wading Pool Slide Replacement - Dakota. | 100 |
| | 250 |

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Community Facilities**

Department: Building Services
Project: 6394000109

Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 200 | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 200 | 200 | 200 | 200 | 200 | 1,000 | 1,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 200 | 200 | 200 | 200 | 200 | - | 1,200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | 200 | 200 | 200 | 200 | 200 | | 1,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | 6 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 19 | 38 |
| **SURPLUS/(DEFICIT)** | 6 | (13) | (32) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Refurbishment and/or replacement of building components and systems to meet safety and health concerns and correct deteriorating infrastructure at shops, leisure centres, etc. Funding for 2009 is to refurbish the HVAC system at the St. James Civic Centre (Leisure Centre).

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Fire / Life Safety Replacement / Asbestos Abatement**

Department: Building Services
Project: 6396000109
Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 225 | 225 | 225 | 225 | 225 | 225 | 1,125 | 1,350 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 225 | 225 | 225 | 225 | 225 | 225 | 1,125 | 1,350 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 225 | 225 | 225 | 225 | 225 | 225 | - | 1,350 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 225 | 225 | 225 | 225 | 225 | 225 | | 1,350 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | 6 | 6 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 21 | 43 |
| **SURPLUS/(DEFICIT)** | 6 | (15) | (37) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upgrading/replacement of fire safety systems, emergency lighting, asbestos and other hazardous material abatement as identified through the Asset Management program for various recreation facilities including pools, arenas, community centres, and leisure centres to meet the requirements of Fire/Building Codes and possible changing Government Regulations.

* N/A - No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Security / Building Automation Systems Initiatives**

Department: Building Services
Project: 6397000109

Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 125 | 125 | 125 | 125 | 125 | 225 | 725 | 850 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 125 | 125 | 125 | 125 | 125 | 225 | 725 | 850 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 125 | 125 | 125 | 125 | 125 | 225 | - | 850 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 125 | 125 | 125 | 125 | 125 | 225 | | 850 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 3 | 3 | 3 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 12 | 24 |
| **SURPLUS/(DEFICIT)** | 3 | (9) | (21) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Security/building automation systems upgrade/new installation initiatives at various facilities including indoor pools, arenas, shops, leisure centres, etc. This program will focus on security system installation/upgrading and remote monitoring/control of buildings to reflect the evolving risk management needs to protect City staff and property from potential injury and loss.

* N/A - No amounts have been included in the "Previous Budgets" due to this program's on-going nature.

Project Name: **Building Asset / Work Management Program**

Department: Building Services
Project: 6390001009

Capital Priority Rating: 3 - 4
Service: Property Asset Management

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 350 | 200 | 100 | 100 | 100 | 100 | 200 | 600 | 800 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | 100 | 100 | 100 | 100 | 200 | 600 | 800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 100 | 100 | 100 | 100 | 200 | - | 800 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | 100 | 100 | 100 | 100 | 200 | | 800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | 3 | 3 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 19 | 29 |
| **SURPLUS/(DEFICIT)** | 6 | (16) | (26) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City Auditor presented the Public Works Asset Management Audit - Part 2 Facilities Maintenance in June, 2006. The Audit made a number of recommendations relative to the development of an asset management program and linking to other division programs. This funding provides for the ongoing program.

Project Name: **UFF - Hockey Pen Light Standard Replacement**

Department: Building Services
Project: 6390002009
Capital Priority Rating: 3 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 100 | 100 | 100 | 100 | 100 | 300 | 700 | 800 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 100 | 100 | 100 | 100 | 100 | 300 | 700 | 800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 100 | 100 | 100 | 100 | 300 | - | 800 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | 100 | 100 | 100 | 100 | 300 | | 800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 3 | 3 | 3 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 10 | 19 |
| **SURPLUS/(DEFICIT)** | 3 | (7) | (16) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The replacement of hockey pen light standards at various locations has been determined to be the City's responsibility under the Uniform Funding Formula (UFF) with the Community Centres. As such, this new program is intended to replace hockey pen light standards and bases in consideration of workplace safety and health issues, utilization of such hockey pens, number of pens at the specific site, and the Recreation and Leisure Facilities (RALF) policy context amongst other things. A needs assessment for both usage and condition will be completed in 2009.

Project Name: **Recreation and Leisure Facilities**

Department: Building Services
Project: 6399000109
Capital Priority Rating: 1 - 4
Service: Recreation

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 41,635 | 2,125 | 100 | - | - | - | - | 100 | 2,225 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 860 | 8,000 | 1,000 | | | 9,860 | 9,860 |
| General Purpose Reserve | | | | (8,000) | (1,000) | | | (9,000) | (9,000) |
| Transfer from Sewage Disposal Utility Capital Program | | | 3,292 | | | | | 3,292 | 3,292 |
| Canada Strategic Infrastructure Fund - Province | | 3,638 | 3,112 | | | | | 3,112 | 6,750 |
| Interim Financing (Repayment) | | (1,513) | (7,164) | | | | | (7,164) | (8,677) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,125 | 100 | - | - | - | - | - | 2,225 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 860 | 8,000 | 1,000 | | | | 9,860 |
| General Purpose Reserve | | | (8,000) | (1,000) | | | | (9,000) |
| Transfer from Sewage Disposal Utility Capital Program | | 3,292 | | | | | | 3,292 |
| Canada Strategic Infrastructure Fund - Province | 3,638 | 3,112 | | | | | | 6,750 |
| Interim Financing (Repayment) | (1,513) | (7,164) | | | | | | (8,677) |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | $42 | 17 | 160 |
| Less: | | | |
| Operating expenditures increase/(decrease) | 486 | 486 | 486 |
| Debt and finance charges increase | 58 | 184 | 191 |
| **SURPLUS/(DEFICIT)** | (502) | (653) | (517) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On June 29, 2005, Council approved $43 million for recreation and leisure facilities. The City's new Recreation and Leisure Facilities Policy was adopted on May 18, 2005. The timelines for projects will be finalized each year through the capital budget process considering priorities, project readiness, and financial/operational capacity.

Funds will be allocated to the Community Centre Investment Fund and administration and overhead charges.

Project Name: **Office Automation**

Department: City Clerks
Project: 0400000709

Capital Priority Rating: 3-4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 200 | - | 200 | - | 200 | - | 400 | 600 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 200 | | 200 | | 200 | | 400 | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | - | 200 | - | 200 | - | - | 600 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | | 200 | | 200 | | | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 6 | 17 | 24 |
| **SURPLUS/(DEFICIT)** | (6) | (17) | (24) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The replacement of existing equipment used to deliver all public services performed by the Department. This includes upgrades and enhancements to the software and hardware used by the City Clerk's Department, Mayor's Office and Council and equipment used during meetings of Council and Standing Committees as part of the E-Government Initiative.

This project will also fund equipment to be used by the public in the Council Building and Archives. This project ensures that equipment is available and meets standards for public access set by the Access Committee.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Corporate Records Centre**

Department: City Clerks
Project: 0400000912

Capital Priority Rating: 5 - 4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 575 | - | - | - | 200 | - | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 200 | | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 200 | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 200 | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City Clerk's Department has a corporate responsibility for records management services and archives as outlined in the City of Winnipeg Charter. To date, temporary record storage has taken place at 380 William Avenue. The facility is now at maximum capacity, forcing departments to utilize private records storage centers. This has further been exasperated by structural problems at 380 William requiring the closing of a portion of the second floor, with an associated loss of storage capability. Departments are bound by by-law to keep records for a specific period of time.

In order to provide a more centralized and more cost effective approach to records management storage services, the City Clerk's Department has renovated a portion of a city owned warehouse at 311 Ross Avenue to accommodate records storage. The area remains a warehouse but has required some repairs to floors and walls, upgraded lighting and security, and installation of shelving in order to be used effectively as a records center. The records center opened in August of 2007.

Ongoing upgrades are expected at the 5 year mark, 2012, in order to meet anticipated increased demand for corporate records storage.

Project Name: **Election Systems**

Department: City Clerks
Project: 0400000509
Capital Priority Rating: 5 - 4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 150 | 150 | - | - | 150 | 200 | 500 | 650 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 150 | 150 | | | 150 | 200 | 500 | 650 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | 150 | - | - | 150 | 200 | - | 650 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 150 | 150 | | | 150 | 200 | | 650 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 4 | 18 | 27 |
| **SURPLUS/(DEFICIT)** | (4) | (18) | (27) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In accordance with the department's statutory responsibility to compile a List of Electors and convene elections, every four years the department ensures the renewal of equipment and systems used in election processes.

As some of the systems are only used every four years, they require either extensive renovations or complete rewrites to allow them to function with changed systems, networks, and databases.

In the past, this has involved corporate mainframes and a large number of staff from Corporate Support Services. The City Clerk's Department will, for the 2010 Election, ensure systems are operational using in-house resources and contract personnel, and by purchasing ready made systems from election partners such as our voting machine partner Election Systems and Software and our voters list partners Elections Canada and Elections Manitoba.

Systems to be upgraded/revitalized for the 2010 election include the List of Electors system, geographic information system (GIS) mapping systems, election night reporting systems and web sites, especially those utilizing the Internet for more effective communication with candidates, media, and the public.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Voting Machine Replacement**

Department: City Clerks
Project: 040000xx09

Capital Priority Rating: 5 - 4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A | 1,500 | 250 | - | - | - | - | 250 | 1,750 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,500 | 250 | | | | | 250 | 1,750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,500 | 250 | - | - | - | - | - | 1,750 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,500 | 250 | | | | | | 1,750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 41 | 136 | 152 |
| **SURPLUS/(DEFICIT)** | (41) | (136) | (152) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City Clerk's Automated Voting Machine system was purchased in 1994 and was used through the 2006 General Municipal Election. While the current system is still functional, obtaining replacement equipment and parts, as well as support is becoming more and more difficult as technology evolves and the company that manufactures the system moves towards newer technology.

Use of the system to meet the demands of the public and candidates in terms of reporting and other facets is also becoming increasingly difficult as the system ages and becomes more difficult to hook into City of Winnipeg networks/systems as they change.

Access concerns for the physically challenged and the public's desire for new voting technologies must also be addressed. A new voting system using up to date digital technology will be required for the 2010 General Municipal Event.

This will require extensive research and a Request For Proposal process starting in late 2008 or early 2009, with purchase of the new system to occur in late 2009 or 2010, leaving 10 months of setup time for the 2010 event.

Project Name: **City Archives**

Department: City Clerks
Project: 040000xx08

Capital Priority Rating: 5-4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | - | 500 | 500 | 500 | 500 | 500 | 2,500 | 2,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 500 | 500 | 500 | 500 | 500 | 2,500 | 2,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | 500 | 500 | 500 | 500 | - | 2,500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 500 | 500 | 500 | 500 | | 2,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 16 | 64 |
| **SURPLUS/(DEFICIT)** | - | (16) | (64) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City Archives, located at 380 William Avenue, was opened as the City's first library in the early 20th century. The building currently serves as a repository for storage of the City's historical information and has done so since 1977. The structure was designated a heritage building in 1984. Protected elements include the front rooms on the first and second floors, the building exterior, and the iron fence surrounding the property. The building, until recently, acted as the City's record centre. Deflection of second floor beams and a potential for collapse have resulted in much of the records storage/weight being removed from the second floor of the building and transferred to 311 Ross.

An external report has identified several issues with the building including the need to address the load bearing capacity of the second floor, ensuring appropriate repairs to the Tyndall Stone façade, ensuring adequate waterproofing for the roof and foundation, and repairing/ replacing windows. Also identified is the lack of a fire suppression system. These issues would be addressed over a series of years based on priority. As well as the structural problems, the Department is working with the Access Advisory Committee and staff from Property, Planning and Development to bring the building up to code. This involved a grant from the Committee to redo the public washrooms. A project has also been undertaken to develop a wheel chair ramp outside the building and an accompanying lift inside the building to ensure the building is fully accessible to all.

The repairs will be spread out over the next few years to minimize disruption to the building.

Project Name: **Security for Council Building**

Department: City Clerks
Project: 040000xxyy

Capital Priority Rating: 5-4
Service: Council Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 100 | 200 | - | - | - | - | 200 | 300 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 100 | 200 | | | | | 200 | 300 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 200 | - | - | - | - | - | 300 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 100 | 200 | | | | | | 300 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 3 | 15 | 28 |
| **SURPLUS/(DEFICIT)** | (3) | (15) | (28) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A review of Council Building security was undertaken in 2008. It looked at potential issues as well as security that is undertaken at similar facilities such as the Manitoba Legislature. The study identified various potential problems that will require some physical upgrades to the Council Building over the next two years.

Project Name: **E-Government**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3453000009
Service: Organizational Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 150 | 528 | 535 | 617 | 629 | 705 | 3,014 | 3,164 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 150 | 528 | 535 | 617 | 629 | 705 | 3,014 | 3,164 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | 528 | 535 | 617 | 629 | 705 | - | 3,164 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 150 | 528 | 535 | 617 | 629 | 705 | | 3,164 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 4 | 51 | 180 |
| **SURPLUS/(DEFICIT)** | (4) | (51) | (180) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

E-Government supports projects that use information technology to support the provision of e-government services. It covers a broad spectrum of initiatives that typically fall into two main categories: 1. Providing better service to citizens (i.e. 24 X 7, self-service options); and 2. Providing services more efficiently and effectively, translates into productivity gains and reduced costs. These funds will be used to provide applications to improve the City's Internet site and to provide better and new electronic services to citizens. In addition, the funds will be used to purchase software to support the development of citizen self-service applications on the web. This software includes content management software, portal software, and single sign-on and authentication software.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Communications Network Infrastructure**

Department: Corporate Support Services
Capital Priority Rating: 2 - 4
Project: 3401000009
Service: Organizational Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 92 | 633 | 638 | 643 | 277 | 641 | 2,832 | 2,924 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 92 | 633 | 638 | 643 | 277 | 641 | 2,832 | 2,924 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 92 | 633 | 638 | 643 | 277 | 641 | - | 2,924 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 92 | 633 | 638 | 643 | 277 | 641 | | 2,924 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 3 | 40 | 193 |
| **SURPLUS/(DEFICIT)** | (3) | (40) | (193) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Communications Network Infrastructure is the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility, and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and internet to all departments.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Network Computing Initiatives**

Department: Corporate Support Services
Capital Priority Rating: 3 - 4
Project: 3402000009
Service: Organizational Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 216 | 209 | 211 | 213 | 213 | 212 | 1,058 | 1,274 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 216 | 209 | 211 | 213 | 213 | 212 | 1,058 | 1,274 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 216 | 209 | 211 | 213 | 213 | 212 | - | 1,274 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 216 | 209 | 211 | 213 | 213 | 212 | | 1,274 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 6 | 58 | 111 |
| **SURPLUS/(DEFICIT)** | (6) | (58) | (111) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Network Computing Initiatives are emerging multi-tiered infrastructure, internet/intranet servers and other similar network based computing technologies that are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Specific initiatives include hardware, software, and physical facilities protecting the City's networks and key systems from single site disasters, security products to address the ever growing computer virus and "spam" outbreaks, and re-organization assistance to efficiently manage new environment paradigms.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **PeopleSoft Upgrade**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3455000011
Service: Organizational Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 741 | - | - | 1,500 | 1,000 | 500 | 646 | 3,646 | 3,646 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 1,500 | 1,000 | 500 | 646 | 3,646 | 3,646 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,500 | 1,000 | 500 | 646 | - | 3,646 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | - | - | 1,500 | 1,000 | 500 | 646 | | 3,646 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 41 |
| **SURPLUS/(DEFICIT)** | - | - | (41) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City is committed to renewing its PeopleSoft investment every four years to take advantage of new functionality and remain current with suppliers' support. The City will significantly change the PeopleSoft application in 2011 - 2013 when it will migrate from PeopleSoft to Oracle's Fusion products.

Project Name: **Data Warehouse / Business Intelligence**

Department: Corporate Support Services
Capital Priority Rating: 2 - 2
Project: 3456000009
Service: Organizational Services

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 125 | 520 | 200 | - | 169 | 203 | 1,092 | 1,217 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 125 | 520 | 200 | | 169 | 203 | 1,092 | 1,217 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 125 | 520 | 200 | - | 169 | 203 | - | 1,217 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 125 | 520 | 200 | - | 169 | 203 | | 1,217 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 3 | 44 | 162 |
| **SURPLUS/(DEFICIT)** | (3) | (44) | (162) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The ability to accurately and consistently report data from many applications is becoming increasingly important. The Data Warehouse/ Business Intelligence initiative will provide the base from which many application systems and their data can be brought together to provide reporting capability as the City moves toward a more service based view of its operation.

Project Name: **Assessment Automation**

Department: Assessment and Taxation
Capital Priority Rating: 3 - 3
Project: 1400000107
Service: Assessment, Taxation and Corporate

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 500 | 1,000 | - | 500 | - | - | 1,500 | 2,000 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 500 | 1,000 | | 500 | | | 1,500 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 1,000 | - | 500 | - | - | - | 2,000 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 500 | 1,000 | - | 500 | - | - | - | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | - | - |
| Less: | | | |
| Operating expenditures increase/(decrease) | - | - | - |
| Debt and finance charges increase | - | - | - |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Assessment Automation project includes a number of initiatives focused on improving the efficiency and the effectiveness of the assessment and taxation functions through the appropriate use of automation. Examples of specific initiatives that are ongoing include the dynamic linkage between Computer-Aided Mass Appraisal (CAMA) and Geographic Information System (GIS) so that access to assessment data can be provided through the corporate spatial platform; the development of enhanced valuation systems for specific property types; implementation of an electronic document and records management system; acquisition of property images including high resolution aerial images; and integration of PADIView with other key applications.

The Assessment Automation project is an ongoing project. The subprojects within the Assessment Automation project are usually complete within a two-year timeframe. Subprojects completed in the past year include website modifications for online data collection, development of web appraiser tools, CAMA Commercial Component Enhancements, and completion of a Quality Management System in preparation for ISO certification in 2008. The cash flows listed above are primarily for the CAMA enhancements set to begin in 2008, with completion in 2011. CAMA is the core valuation system for the Assessment and Taxation Department.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Innovative Capital**

Department: Corporate
Project: 120000696

Capital Priority Rating: 1 - 1
Service: Assessment, Taxation and Corporate

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 2,999 | 154 | 46 | 35 | - | 733 | 968 | 3,967 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,586 | 404 | 46 | 35 | - | 733 | 1,218 | 2,804 |
| Prior Years' Surplus | | 1,425 | - | - | - | - | - | - | 1,425 |
| Repayment to General Purpose Reserve | | (12) | (250) | - | - | - | - | (250) | (262) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,999 | 154 | 46 | 35 | - | 733 | - | 3,967 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,586 | 404 | 46 | 35 | - | 733 | | 2,804 |
| Prior Years' Surplus | 1,425 | - | - | - | - | - | - | 1,425 |
| Repayment to General Purpose Reserve | (12) | (250) | - | - | - | - | | (262) |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 60 | 3 | 1 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 97 | 275 | 286 |
| **SURPLUS/(DEFICIT)** | (37) | (272) | (285) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding to increase efficiency and/or effectiveness for unspecified projects. Projects are issued on an individual basis and authorized by the Chief Administrative Officer. Cash to capital requirements for 2009 and 2010 include repayments to the General Purpose Reserve.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Capital Investment Fund**

Department: Corporate
Project: 120000xx07

Capital Priority Rating: 3 - 2
Service: Assessment, Taxation and Corporate

| AUTHORIZATION | Previous Budgets* | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,000 | - | 6,138 | 6,138 | 6,138 | 6,138 | 6,138 | 30,690 | 30,690 |
| Financed by: | | | | | | | | | |
| Equity in Capital Assets Fund | | - | 6,138 | 6,138 | 6,138 | 6,138 | 6,138 | 30,690 | 30,690 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 6,138 | 6,138 | 6,138 | 6,138 | 6,138 | - | 30,690 |
| Financed by: | | | | | | | | |
| Equity in Capital Assets Fund | - | 6,138 | 6,138 | 6,138 | 6,138 | 6,138 | - | 30,690 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | - | 123 | 123 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 199 | 784 |
| **SURPLUS/(DEFICIT)** | - | (76) | (661) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Capital funding for project and budget management. Funding for individual projects is to be authorized by the Standing Policy Committee on Finance.

* Note: Previous budget amount of $4.357 million decreased to reflect surplus transferred to other 2009 capital projects.

Project Name: **Transit Security Enhancements**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 1
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 250 | 250 | - | - | - | - | 250 | 500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 250 | 250 | | | | | 250 | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 250 | - | - | - | - | - | 500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 250 | 250 | | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 7 | 7 | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 33 | 66 |
| **SURPLUS/(DEFICIT)** | 7 | (26) | (66) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg and the Transit Department have long recognized the importance of ensuring the security of their infrastructure and operations.

The Federal Government has made urban transit security a priority. A three-year contribution program was established to address immediate security priorities. Winnipeg Transit has accessed this program and is awaiting a consultant's report to assess potential risks to Transit's infrastructure and operations and to develop measures to reduce these risks.

These funds anticipate that high security risks identified by the study will require immediate attention.

Estimated useful life - variable depending on the project.

Project Name: **Fare Collection System**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 4
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | 4,000 | 5,500 | - | - | - | - | 5,500 | 9,500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 3,000 | 5,500 | | | | 8,500 | 8,500 |
| Interim Financing | | 3,000 | 2,500 | (5,500) | | | | (3,000) | - |
| Transfer from Prior Authorization (2007) | | 1,000 | | | | | | - | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 4,000 | 5,500 | - | - | - | - | 9,500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | 8,500 | | | | | 8,500 |
| Interim Financing | | 3,000 | (3,000) | | | | | - |
| Transfer from Prior Authorization (2007) | | 1,000 | | | | | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 117 | 160 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | 117 | 160 |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing fare collection system is many decades old and limits flexibility in the type of fares that can be offered passengers. A review will be conducted to consider the best options suited for the City's public transit system. This capital project will authorize capital investments that may include:

- mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes. Among other benefits, this will provide more consistent application of the Power Hour transfer.
- smart card and proximity card will permit more extensive use of prepaid fares, accommodate more complex fare systems, provide more efficient processing and reporting of fares, and provide a better defense against potential counterfeiting of monthly and weekly passes. As the technology is still developing and the public continues to accept this as a means of paying for goods and services, this part of the project will commence after 2010.

Estimated useful life - Twenty years.

Project Name: **Innovative Transit Program**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 2
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 700 | 800 | 800 | 800 | 1,000 | 1,000 | 4,400 | 5,100 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 700 | 800 | 800 | 800 | 1,000 | 1,000 | 4,400 | 5,100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 800 | 800 | 800 | 1,000 | 1,000 | 500 | 5,100 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 200 | 800 | 800 | 800 | 1,000 | 1,000 | 500 | 5,100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 6 | 24 | 24 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 27 | 133 |
| **SURPLUS/(DEFICIT)** | 6 | (3) | (109) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Innovative Transit Program provides for various projects which are not normally funded through the operating budget or other areas of the capital budget. Various projects such as transit terminals at shopping centres, passenger shelters, improved waiting amenities at major bus stops, park and ride lots, bus priority measures, handi-transit trip confirmation system, automated transit scheduling system, and the Winnipeg Transit internet site provide an enduring benefit to the department and have been funded under this program.

A number of projects identified in the February 22, 2006 Council approved Rapid Transit Task Force Implementation Report are to be funded through this capital program through 2011.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Transit Building Replacement / Refurbishment**

Department: Transit
Project: 420000xx07
Capital Priority Rating: 3 - 2
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | 6,109 | 7,522 | 9,951 | 11,706 | 12,079 | 47,367 | 47,367 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | 1,413 | 3,842 | 5,597 | 5,970 | 16,822 | 16,822 |
| Federal Gas Tax | | | 6,109 | 6,109 | 6,109 | 6,109 | 6,109 | 30,545 | 30,545 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 6,109 | 17,473 | - | 23,785 | 47,367 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | | | | 5,255 | | 11,567 | 16,822 |
| Federal Gas Tax | | | | 6,109 | 12,218 | | 12,218 | 30,545 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Transit's operations are housed out of two primary facilities, the Fort Rouge complex and the North Main garage. These facilities are approximately 40 and 80 years old respectively. The department funds the maintenance of the facilities through the operating budget. However, it is becoming clear that significant funding will be needed shortly to respond to the growing need for large capital investment. The previous budget will fund the first step of this project which will consist of a study of the most cost effective approach to solve the building age and space constraint problems.

It is anticipated that the recommendations from the study will result in this becoming a multi-year capital project. Any future funding authorized would be used to provide for major capital refurbishment and investment that the operating budget cannot support. Beginning in 2012, a significant amount of capital will be required, including the replacement of North Garage.

Estimated useful life - Dependent on the specific projects approved.

Project Name: **Transit Buses**

Department: Transit
Project: 421000xxyy

Capital Priority Rating: 3 - 4
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 14,403 | 15,112 | 18,299 | 16,285 | 16,585 | 16,900 | 83,181 | 97,584 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,643 | 1,475 | 82 | | | | 1,557 | 3,200 |
| Transit Bus Replacement Reserve | | 7,920 | 8,797 | 10,135 | 12,445 | 12,745 | 13,060 | 57,182 | 65,102 |
| Rapid Transit Infrastructure Reserve | | | | 4,242 | | | | 4,242 | 4,242 |
| Provincial Building Manitoba Fund | | 3,840 | 3,840 | 3,840 | 3,840 | 3,840 | 3,840 | 19,200 | 23,040 |
| Public Transit Capital Trust/Bill C-66 Funding | | 1,000 | 1,000 | | | | | 1,000 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 14,403 | 15,112 | 18,299 | 16,285 | 16,585 | 16,900 | 97,584 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,643 | 1,475 | 82 | | | | 3,200 |
| Transit Bus Replacement Reserve | | 7,920 | 8,797 | 10,135 | 12,445 | 12,745 | 13,060 | 65,102 |
| Rapid Transit Infrastructure Reserve | | | | 4,242 | | | | 4,242 |
| Provincial Building Manitoba Fund | | 3,840 | 3,840 | 3,840 | 3,840 | 3,840 | 3,840 | 23,040 |
| Public Transit Capital Trust/Bill C-66 Funding | | 1,000 | 1,000 | | | | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | 133 | 130 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | 143 |
| **SURPLUS/(DEFICIT)** | - | 133 | (13) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is for the ongoing purchase of new low-floor urban transit buses and for the replacement of buses that have reached the end of their useful life.

Estimated useful life - 18 years

Note: Any surplus funds will automatically be transferred to the following year's Transit Buses program budget.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Southwest Rapid Transit Corridor - Stage 1**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 2
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 138,000 | - | - | - | - | - | - | 138,000 |
| Financed by: | | | | | | | | | |
| Federal Government | | 17,500 | | | | | | - | 17,500 |
| Rapid Transit Infrastructure Reserve | | 2,750 | | | | | | - | 2,750 |
| Transfer from other Authorized Transit Projects | | 10,500 | | | | | | - | 10,500 |
| External Debt | | 89,750 | | | | | | - | 89,750 |
| Provincial Government Funding | | 17,500 | | | | | | - | 17,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 67,000 | 19,000 | 52,000 | - | - | - | - | 138,000 |
| Financed by: | | | | | | | | |
| Federal Government | 17,500 | | | | | | | 17,500 |
| Rapid Transit Infrastructure Reserve | 2,750 | | | | | | | 2,750 |
| Transfer from other Authorized Transit Projects | 10,500 | | | | | | | 10,500 |
| External Debt | 31,875 | 14,625 | 43,250 | | | | | 89,750 |
| Provincial Government Funding | 4,375 | 4,375 | 8,750 | | | | | 17,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 887 | 1,420 | 2,647 |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 1,036 | 3,070 | 5,191 |
| **SURPLUS/(DEFICIT)** | (149) | (1,650) | (2,544) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges. Net Deficit to be funded by transfer from the Rapid Transit Infrastructure Reserve.*

Stage 1 of the Southwest Rapid Transit Corridor includes the construction of a grade-separated busway between Queen Elizabeth Way and Stradbrook Avenue and Pembina Highway and Jubilee Avenue (including an overpass of Osborne Street and an underpass of the CN main line), four stations, and an active transportation path.

When Stage 1 is completed, rapid transit service will be operated between the University of Winnipeg in the downtown and destinations in the southwest part of the city. The service will operate on-street between the University of Winnipeg and the Graham Mall, then via Graham Mall to Main Street, then via diamond lanes on Main Street to the new busway, and then via the new busway to Pembina Highway and Jubilee Avenue. The service will then continue on-street on Pembina Highway to various residential communities in southwest Winnipeg and to the University of Manitoba.

This project will significantly improve the speed and reliability of transit service by allowing transit vehicles to bypass traffic congestion in Osborne Village, on Donald Street/Midtown Bridge, through Osborne Junction, at the Jubilee underpass, and on Pembina Highway.

Project Name: **Transit Improvements**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 2
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 25,605 | 6,109 | - | - | - | - | - | - | 6,109 |
| Financed by: | | | | | | | | | |
| Federal Gas Tax | | 6,109 | | | | | | - | 6,109 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 6,109 | - | - | - | - | - | - | 6,109 |
| Financed by: | | | | | | | | |
| Federal Gas Tax | 6,109 | | | | | | | 6,109 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On February 22, 2006, Council approved the report "Implementation Plan for Rapid Transit Task Force Recommendations", that outlined a program of transit improvements to be implemented over the 2006 to 2012 time period.

A significant component of the report's recommendations requires that a capital program be established for the various projects outlined in the report, to be funded through the Government of Canada's gas tax, Bill C-66 and the Public Transit Capital Trust revenues (Reserves have been established by the City for these revenues - Gas Tax Reserve for the Gas Tax and Public Transit Reserve for the Bill C-66 and Public Transit Capital Trust revenues). Previous capital budgets have included the Public Transit Reserve portion of this project - only Gas Tax Reserve funding is included here.

The projects to be carried out under this program include an integrated set of transit improvements to improve the speed, reliability, comfort, convenience, and accessibility to transit service. The improvement plan includes upgraded stops and stations, intelligent transportation systems technology, and traffic priority for transit.

Estimated useful life - variable depending on the project.

Project Name: **Transportation Authority Study**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 1
Service: Public Transit

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,250 | - | - | - | - | - | - | 1,250 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | | 1,250 | | | | | | - | 1,250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,250 | - | - | - | - | - | - | 1,250 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity in Capital Assets Fund) | 1,250 | | | | | | | 1,250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | 36 | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | 170 | 170 |
| **SURPLUS/(DEFICIT)** | 36 | (170) | (170) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On October 19, 2005, City Council adopted the Rapid Transit Task Force - Made in Winnipeg Rapid Transit Solution - Final Report. One of the recommendations made was that the creation of a Winnipeg Transportation Authority be investigated.

Project Name: **Stormwater Retention Basin Rehabilitation**

Department: Water and Waste
Project: 2075000109
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,622 | 200 | 200 | 200 | 400 | 400 | 400 | 1,600 | 1,800 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 200 | 200 | 200 | 400 | 400 | 400 | 1,600 | 1,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 200 | 200 | 400 | 400 | 400 | - | 1,800 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 200 | 200 | 200 | 400 | 400 | 400 | | 1,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 6 | 24 | 43 |
| **SURPLUS/(DEFICIT)** | (6) | (24) | (43) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is an annual program of carrying out repairs or improvements to shorelines and facilities of existing stormwater retention basins including, but not limited to, rock revetment, gate chambers, fountains, and maintenance equipment launching ramps. Rehabilitation and/or upgrading of the retention basins will reduce annual maintenance problems and improve safety.

There are currently 72 stormwater retention basins under the City's jurisdiction. At the current level of funding and depending on the level of work required, 2 to 4 basins are rehabilitated every two years. As the basins age, they will require a higher level of maintenance, and thus future funding levels and prioritization of work will have to be reviewed in order to continue this program of asset preservation.

The expected life of this asset is 10 years.

Project Name: **Flood Pumping Station Rehabilitation**

Department: Water and Waste
Project: 2076500109

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 6,794 | 900 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 5,900 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 900 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 5,900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 900 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | - | 5,900 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 900 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | | 5,900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 25 | 109 | 204 |
| **SURPLUS/(DEFICIT)** | (25) | (109) | (204) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In a 2007 report on the adequacy and operation of the 34 regional flood pumping stations it is estimated that $21.7 million of upgrades will be required. Near-term expenditures (i.e., next 10 years) have been estimated at $14.5 million, and long term (next 11-50 years) are identified to cost $8.2 million. These upgrades improve overall station reliability during high river levels and rainfall events. Funding for this project also includes an annual program for carrying out major repairs, upgrades and/or improvements to the flood pumping stations, and associated outfall pipes and gates. Upgrades and/or improvements includes changes to: ventilation, electrical, mechanical, structural, and architectural components. All stations will be upgraded for remote monitoring which is critical during flood and rainfall events.

Formerly, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations had been identified for aesthetic improvements.

The expected life of this asset is 50 years.

Project Name: **Land Drainage and Combined Sewers Outfall Gate Structures**

Department: Water and Waste
Project: 2078500209
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 9,250 | 1,450 | 1,450 | 1,450 | 1,500 | 1,500 | 1,500 | 7,400 | 8,850 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 1,450 | 1,450 | 1,450 | 1,500 | 1,500 | 1,500 | 7,400 | 8,850 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,450 | 1,450 | 1,450 | 1,500 | 1,500 | 1,500 | - | 8,850 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 1,450 | 1,450 | 1,450 | 1,500 | 1,500 | 1,500 | | 8,850 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 40 | 171 | 309 |
| **SURPLUS/(DEFICIT)** | (40) | (171) | (309) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This is a project to install flap gates and positive sliding gates within concrete gate structures on outfall sewers where these facilities do not currently exist or the existing facilities are inadequate or substandard. Under high river level (flood) conditions, the river water backs up into the land drainage and combined sewer systems. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the sewer also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage and combined sewer systems. Subsequent to the 1997 flood event, 70 outfall locations were identified as requiring gates. To date 34 locations have been addressed, leaving 36 locations yet to be completed.

The expected life of this asset is 50 years.

Project Name: **Floodplain Management**

Department: Water and Waste
Project: 2070000409
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 200 | 500 | - | - | - | - | 500 | 700 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 200 | 500 | | | | | 500 | 700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 500 | - | - | - | - | - | 700 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 200 | 500 | | | | | | 700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 6 | 33 | 65 |
| **SURPLUS/(DEFICIT)** | (6) | (33) | (65) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project will investigate and implement programs, policies and legislation to:

1) Protect and ensure permanency of current and future secondary dike installation;
2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels;
3) Purchase and remove existing structures from the floodplain; and
4) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties starting in 2007.

In April 2007, Council approved a program to raise the level of flood protection for low-lying properties below 20 ft James Avenue where it could be demonstrated the cost of providing sandbags exceeded the cost of a permanent flood works. In this program, the level of flood protection would be raised to 22.5 ft James Avenue and thereby avoid the need to sandbag for most floods. If all eligible properties participate, the cost of this program could be $880,000 and the City could avoid the sandbagging cost of approximately $2,000,000.

The implementation of such programs could take place over a minimum of 5 to 10 years at a cost of $10 million.

Project Name: **Seine River Waterway Acquisition**

Department: Water and Waste
Project: 2080000108
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 900 | - | 150 | 150 | 150 | 150 | 150 | 750 | 750 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | - | 150 | 150 | 150 | 150 | 150 | 750 | 750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 150 | 150 | 150 | 150 | 150 | - | 750 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | - | 150 | 150 | 150 | 150 | 150 | | 750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 5 | 19 |
| **SURPLUS/(DEFICIT)** | - | (5) | (19) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purchase of Seine River Waterway lands is a Council adopted policy to provide long term economical regional drainage and to manage the floodplain. The floodplain lands were originally delineated in 1980 and are required to accommodate flow along the Seine River from a 100-year summer storm. They are typically purchased at the time of subdivision, made possible from funds collected through the Seine River Waterway Charge applied to all subdivision and rezoning applications within the Seine River watershed within City limits. Development of lands adjacent to the Seine River will occur faster than the development of lands further from the Seine River. Therefore, the funding required to purchase floodplain lands will exceed the funding collected from the Waterway Charge.

Project Name: **Primary Dike Upgrading**

Department: Water and Waste
Project: 2070001407

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,165 | - | 300 | 1,500 | 1,390 | 1,500 | 948 | 5,638 | 5,638 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | - | 300 | 1,500 | 1,390 | 1,500 | 948 | 5,638 | 5,638 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 300 | 1,500 | 1,390 | 1,500 | 948 | - | 5,638 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 300 | 1,500 | 1,390 | 1,500 | 948 | | 5,638 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 10 | 77 |
| **SURPLUS/(DEFICIT)** | - | (10) | (77) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 1997 flood identified that in the south-end of the City the primary dikes were too low due to higher flows on the upstream portion of the Red River, and in the north-end of the City the dikes were too low due to backwater effects from the Floodway. In 1997 these deficiencies were addressed by constructing temporary clay dikes. A recently completed engineering study has identified that it will cost approximately $35 million to permanently raise the primaries and to deal with bank stability issues related to the City's primary dikes. The current level of proposed funding will begin to address these areas.

To provide 1 in 700 year flood protection, the level proposed with the Floodway Expansion will require a further raise of the City's primary dike system to deal with additional backwater effects from the expanded Floodway. The estimated cost to undertake this additional work is in the range of $114 million. The recently released Clean Environment Commission (CEC) report on the Floodway Expansion made a "non-licensing" recommendation that the City complete permanent raising of their primary dikes by 2015 and that all levels of government work cooperatively on the financing of these improvements.

Until permanent works are completed, the City will rely on temporary raises to its primary dikes on an as-required basis.

Project Name: **Land Drainage Safety Upgrading Program**

Department: Water and Waste
Project: 2070001309
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate * | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | - | 200 | 100 | 200 | 200 | 200 | 900 | 900 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | | 200 | 100 | 200 | 200 | 200 | 900 | 900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | 100 | 200 | 200 | 200 | - | 900 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 200 | 100 | 200 | 200 | 200 | | 900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | 7 | 22 |
| **SURPLUS/(DEFICIT)** | - | (7) | (22) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The purpose of this program is to reconstruct or upgrade miscellaneous components of the existing land drainage system to conform with the City of Winnipeg Drainage Safety Guidelines. Specific projects have been identified and prioritized as part of the Open Channel Drainage Inventory and Safety Review Study.

The expected life of the assets is 75 years.

* Due to available unspent balances, no current year program authorization required.

Project Name: **Land Drainage Asset Management Strategy**

Department: Water and Waste
Project: 2070001607
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | - | - | 200 | - | - | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | | | 200 | | | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 200 | - | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | | 200 | | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | - | - | 7 |
| **SURPLUS/(DEFICIT)** | - | - | (7) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Asset management principles are being utilized for various sections in the Water and Waste Department. An asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the land drainage service. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

Project Name: **Portable Flood Pumps**

Department: Water and Waste
Project: 2070000109
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 750 | 250 | - | - | - | - | - | - | 250 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 250 | | | | | | - | 250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | - | - | - | - | - | - | 250 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 250 | | | | | | | 250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 7 | 21 | 21 |
| **SURPLUS/(DEFICIT)** | (7) | (21) | (21) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Water and Waste Department has an inventory of portable pumping units that are used to pump out sewer systems during high water levels along the City's rivers to prevent the possibility of basement flooding during rainstorms. The existing inventory of 30 pumping units, many dating back to 1950, have reached the end of their useful life expectancy and are in need of replacement.

On February 22, 2006, Council adopted a recommendation and approved a new 2006 Capital Project for $250,000 outside of the 2006 Capital Budget process to initiate replacement of the existing portable flood pumps. In the spring of 2006, five pumps were purchased.

On December 6, 2006, Council adopted a recommendation that an expenditure of $250,000 be authorized before the 2007 Capital Budget is adopted, as a first call against the 2007 Tax Supported Capital Budget in order to procure a contract for the purchase, delivery, and set-up of portable flood pumps in time for preparations for the 2007 spring flood related activities. In the spring of 2007, six pumps were purchased.

Funds will be used to continue the replacement of existing pumps. This purchase will provide for reliable flood fighting equipment and enhance the flood fighting capability of City personnel by reducing the requirement for constant monitoring of the pumping equipment.

The expected life of this asset (per unit) is 15 years.

Project Name: **Flood Equipment Storage Facility**

Department: Water and Waste
Project: 2070yyyyxx

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | - | - | - | - | - | - | 500 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 500 | | - | | | | - | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | - | - | - | - | 500 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 500 | | - | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 14 | 43 | 43 |
| **SURPLUS/(DEFICIT)** | (14) | (43) | (43) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Currently, the Department's Portable Emergency Flood Pumps are located in various City owned facilities. Some of the large pumps and their associated equipment are located in the stores building at the Water Services Division Plinguet Yard where they are vertically stacked on shelves on pallets due to space limitations. A forklift is required to retrieve them.

The stores building does not have sufficient space for all pumps and their associated equipment. There are a number of trailer mounted pump units and associated equipment located at the garage at 1500 Plessis Road. On May 24, 2006, Council adopted a recommendation to declare a list of properties as surplus and made available for sale in association with the Public Works-Water and Waste Facilities Master Plan. The 1500 Plessis Road location is one of the properties listed as surplus property, therefore, time is limited for which the pumps can be stored at this location.

The Water and Waste Department plans to seek assistance from Planning, Property and Development Civic Accommodations to explore opportunities for leasing/buy/build options. The facility will have to be maintained at temperatures above zero degrees Celsius, have 24 hour access, security, and accommodate all the equipment to be located on the main floor. The facility will also have to be at a suitable location for the Wastewater Operations Division. The approximate size of the required facility is estimated at 5,000 sq. ft.

Pending the outcome of the search for accommodations, funds have been budgeted in 2009 for a potential buy/build option. Depending on the cost of construction, budgets may have to be increased.

The expected life of this asset is 30 years.

Project Name: **Combined Sewer Flood Relief**

Department: Water and Waste
Project: 2071000109

Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 144,909 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 36,000 | 43,200 |
| Financed by: | | | | | | | | | |
| Frontage Levy | | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 36,000 | 43,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | - | 43,200 |
| Financed by: | | | | | | | | |
| Frontage Levy | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | | 43,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This program, which was approved by Council on October 21, 1987, provides for basement flood relief to combined sewered areas. Funds will be used for the planning, design, and construction of sewer relief works. Also, a portion of the funds will be used for sewer flow and meteorological monitoring in advance of design as well as public communication and education on basement flood protection.

There are 42 combined sewer districts in Winnipeg. Currently, 28 combined sewer districts have been relieved. At present, 4 combined sewer districts are being reviewed for potential relief, and a 5th district has had some preliminary work done as part of the planning studies for future potential relief. Planning for the relief work is also coordinated with the upcoming Combined Sewer Overflow program and the Sewer Rehabilitation program. The cost for the remainder of the program is $115,966,000, and at current funding rates will require 15.5 years to complete. The benefit to cost ratio of the outstanding work is 3.8 to 1; meaning for every dollar spent on sewer relief works, $3.8 dollars are saved in flood damages.

The expected life of this asset is over 50 years.

Project Name: **Flood Relief Sewers - Separate**

Department: Water and Waste
Project: 2072000109

Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,800 | 300 | 300 | 300 | 300 | 300 | 300 | 1,500 | 1,800 |
| Financed by: | | | | | | | | | |
| Frontage Levy | | 300 | 300 | 300 | 300 | 300 | 300 | 1,500 | 1,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 300 | 300 | 300 | 300 | 300 | 300 | - | 1,800 |
| Financed by: | | | | | | | | |
| Frontage Levy | 300 | 300 | 300 | 300 | 300 | 300 | | 1,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Basement flooding has become an issue in some separate sewered areas as in combined sewered areas. A parallel relief sewer program in separate areas is necessary. Prior to any works proceeding, a planning study will be undertaken to identify City-wide priorities, as well as allow for sewer flow and meteorological monitoring in advance of a conceptual and detailed design.

The expected life of this asset is over 50 years.

Project Name: **Development Agreement Paybacks**

Department: Water and Waste
Project: 2077000109
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 350 | 500 | - | - | 500 | - | 1,000 | 1,350 |
| Financed by: | | | | | | | | | |
| Developer Capacity Charges | | 350 | 500 | | | 500 | | 1,000 | 1,350 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 350 | 500 | - | - | 500 | - | - | 1,350 |
| Financed by: | | | | | | | | |
| Developer Capacity Charges | 350 | 500 | | | 500 | | | 1,350 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized land drainage services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the Development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

Funds budgeted will provide the following paybacks:

| | |
|---|---|
| 2009 DASZ 20/04 - North Grassie Properties/Arrowwood | 150,000 |
| 2009 DASZ 16/06 - Enterprise 7777 Canada Ltd./VanHull | 200,000 |
| 2010 DASZ 3/93 - Genstar/Amber Trails | 500,000 |
| 2013 DASZ 1/06 - MHRC/Waverley West | 500,000 |

The expected life of this asset is over 50 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Fernbank Avenue Land Drainage Sewer**

Department: Water and Waste
Project: 2082xxxxyy

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

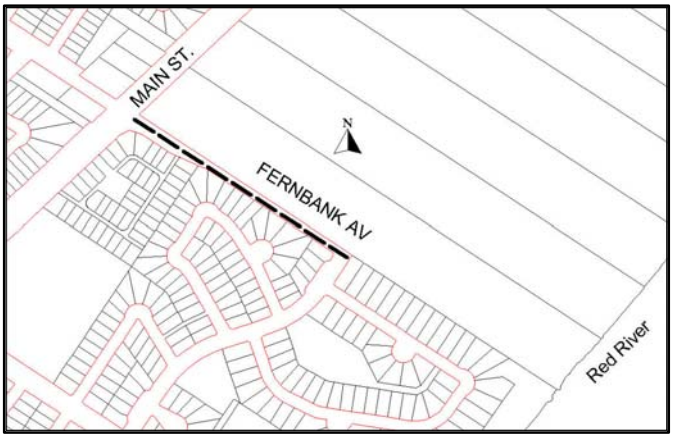
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 875 | - | - | - | 875 | 875 |
| Financed by: | | | | | | | | | |
| Developer Capacity Charges | | | | 875 | | | | 875 | 875 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 875 | - | - | - | - | 875 |
| Financed by: | | | | | | | | |
| Developer Capacity Charges | | | 875 | | | | | 875 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes construction of a 1,350 mm diameter land drainage sewer on Fernbank Avenue from approximately 65 metres west of Main Street to Rivergrove Drive. The sewer will provide a permanent outlet for the Riverbend Subdivision retention basin and an outlet for the undeveloped lands west of the CPR Winnipeg Beach Subdivision rail line. These lands include the Public Works Department's snow dump site north of Fernbank Avenue. The expected life of this asset is 75 years.



Project Name: **Outfall Rehabilitation**

Department: Water and Waste
Project: 2078000106
Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 7,948 | 750 | 600 | 550 | 800 | 800 | 800 | 3,550 | 4,300 |
| Financed by: | | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | | 750 | 600 | 550 | 800 | 800 | 800 | 3,550 | 4,300 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 750 | 600 | 550 | 800 | 800 | 800 | - | 4,300 |
| Financed by: | | | | | | | | |
| Cash to Capital (Equity In Capital Assets Fund) | 750 | 600 | 550 | 800 | 800 | 800 | | 4,300 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | 21 | 83 | 139 |
| **SURPLUS/(DEFICIT)** | (21) | (83) | (139) |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funding is for rehabilitation of sewer outfalls, repair to piping, and correction of riverbank instability. A condition assessment was completed in 1998 to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced during the 1996 and 1997 floods. Originally 55 high-priority sites were identified requiring attention. Since then, 5 more sites have been added for a total of 60 sites. To date 29 locations have been refurbished, with 31 sites remaining.

The expected life of this asset is 50 years.

Project Name: **Saskatchewan Avenue Feedermain**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2004xxxxyy
Service: Water

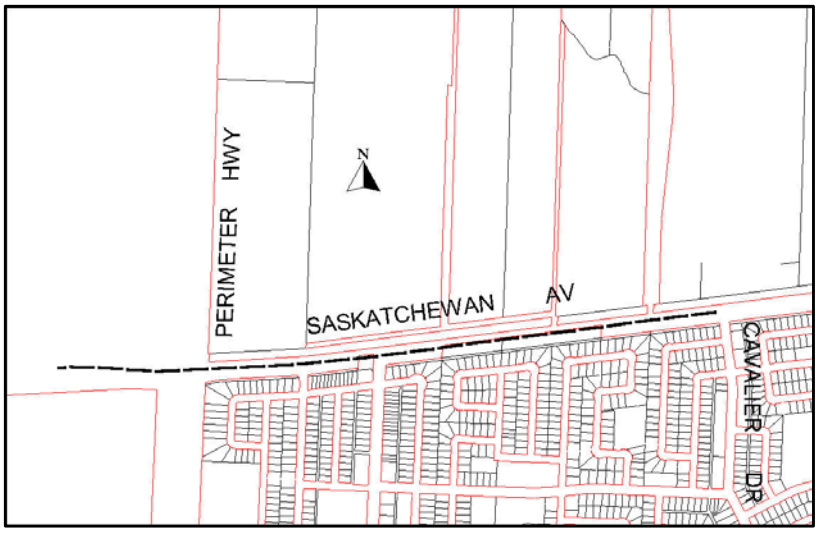
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 3,800 | - | 3,800 | 3,800 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | - | | 3,800 | | 3,800 | 3,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 3,800 | - | - | 3,800 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | - | | 3,800 | | | 3,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Urban development of the lands within the City and west of the Perimeter Highway (PTH 101) will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermains required within the development lands to complete the loop will be oversized by developers. The expected life of this asset is over 50 years.



Project Name: **Water Supervisory Control and Data Acquisition (SCADA) Upgrade**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 20050002yy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,308 | - | - | 1,800 | 2,900 | - | - | 4,700 | 4,700 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 1,800 | 2,900 | | | 4,700 | 4,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,800 | 2,900 | - | - | - | 4,700 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 1,800 | 2,900 | | | | 4,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Supervisory Control and Data Acquisition (SCADA) system controls and monitors the operation of the Drinking Water Treatment Plant and the Regional Water Supply and Distribution System. The automated control system is comprised of specialized computer hardware and software, remote communications, instrumentation, and Programmable Logic Controls (PLC). A SCADA system assessment and upgrading are required to ensure timely replacement of dated hardware and software. The SCADA system is essential for the supply, water treatment process control and distribution of drinking water.

The PLCs currently in use at the three regional pumping stations (McPhillips, MacLean, and Hurst), Tache and Deacon Booster Pumping Stations, and Shoal Lake Intake were installed in 1992 and will no longer be serviced or supported by the manufacturer as of December 31, 2011. Upgrading the water supply system's PLCs at this time will allow for the review of the control software to optimize the operation of the system.

The expected life of this asset is 10 years but will depend on the technical advancement in the process automation field.

Project Name: **Shoal Lake Aqueduct Intake Structure Condition Assessment**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2003xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 800 | 1,000 | - | - | - | - | 1,000 | 1,800 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 800 | 1,000 | | | | | 1,000 | 1,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 800 | 1,000 | - | - | - | - | - | 1,800 |
| Financed by: | | | | | | | | |
| Retained Earnings | 800 | 1,000 | | | | | | 1,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct, which has been in continuous service since 1919, is the sole water supply infrastructure for the City. The Shoal Lake Intake Structure is the transition headworks to receive water from Shoal Lake and to control the water flow into the Aqueduct. The control of water flow is critical to the safe operation of the Aqueduct, as the Aqueduct was designed to operate as a non-surcharged pipe. The intake structure has a number of mechanical gate and screening components and related features that date back to the original construction. Given the necessity and critical nature of the intake structure and its associated Venturi structure to the safe operation of the Aqueduct and the City's water supply, a condition assessment is required to determine future rehabilitation and replacement requirements. The assessment will also consider alterations and/or additions to the intake structure to minimize its impact on the spring fish spawning.

The expected life of this rehabilitated asset is 50 years.

Project Name: **Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3
Project: 2004xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 2,500 | - | - | - | - | - | - | 2,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 2,500 | | | | | | - | 2,500 |

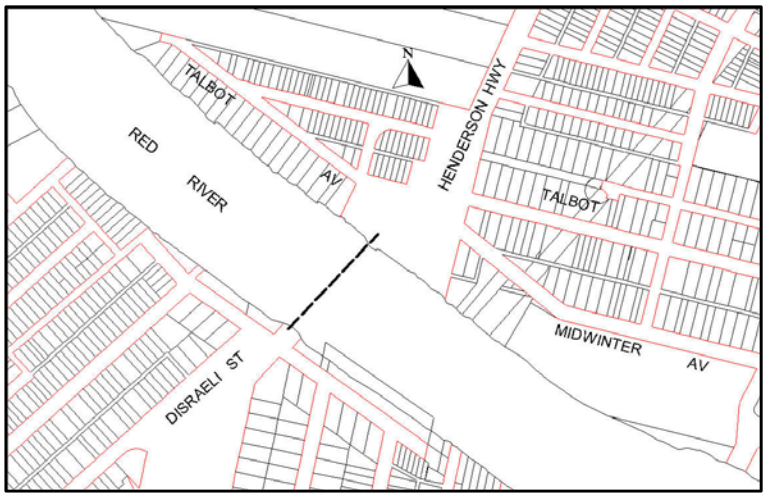
| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,500 | - | - | - | - | - | - | 2,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | 2,500 | | | | | | | 2,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Disraeli Feedermain is suspended from the underside of the existing Disraeli Freeway bridge structure. Significant leak repairs have been made to the feedermain in the past five years due to corrosion. In consideration of the feedermain's age (over 40 years), recent leak history, and exposure to the elements, a condition assessment was undertaken in 2004 which recommended replacement of the pipe.

The preferred alternative is to remove this pipe from the bridge and install a new watermain under the river. A consolidation of the existing distribution watermains will be required. The expected life of this new asset is 50 years.



Project Name: **Shoal Lake Intake Chloramination Facility**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 20020005yy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 300 | - | - | 2,000 | - | - | - | 2,000 | 2,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 2,000 | | | | 2,000 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 2,000 | - | - | - | - | 2,000 |
| Financed by: | | | | | | | | |
| Retained Earnings300 | | | 2,000 | | | | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The first phase of the project will be a study to review alternate forms of treatment and/or disinfection for the Shoal Lake Aqueduct and distribution system to meet the operational, public health, and safety goals. Presently, chlorine is used at the intake for disinfection, slime control in the aqueduct and zebra mussel control. This results in high levels of disinfection by-products being formed. The water treatment plant must be constructed and operational prior to replacing the strong disinfection advantages of chlorine. The Water Treatment Project Risk Management process identified viable alternatives to gas chlorine to reduce risk. Given the consequences associated with security, transportation, and containment of gas chlorine, an alternative form of chlorination will be investigated.

The expected life of this asset is 25 years.

Project Name: **General Water Infrastructure Rehabilitation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2001xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 300 | 300 | 300 | 300 | 500 | 1,700 | 1,700 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 300 | 300 | 300 | 300 | 500 | 1,700 | 1,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 300 | 300 | 300 | 300 | 500 | - | 1,700 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 300 | 300 | 300 | 300 | 500 | | 1,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Many components in the water supply and distribution systems have been in service for many years and are reaching the end of their functional lives. These components are critical elements of the infrastructure and their failure would result in disruption of service and costly emergency repairs. This project will address the need to rehabilitate the water supply and distribution systems, in order to maintain the water system reliability and conformance with current building codes and health regulations. This will be an on-going project with additional funding being included in future years.

The scope of work will be varied and will be prioritized based on the urgency and cost effectiveness identified through condition assessment studies, available rehabilitation techniques, and research into innovative rehabilitation measures. Infrastructure to be assessed and rehabilitated under this project includes, but is not limited to, reservoirs, pumping stations, feedermains, valves, electrical and mechanical systems, control systems, chemical systems, related building structures, and security.

Life expectancy will vary with each asset, however, a range of 10 to 50 years is expected.

Project Name: **Waverley West Feedermain**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 20040001yy
Service: Water

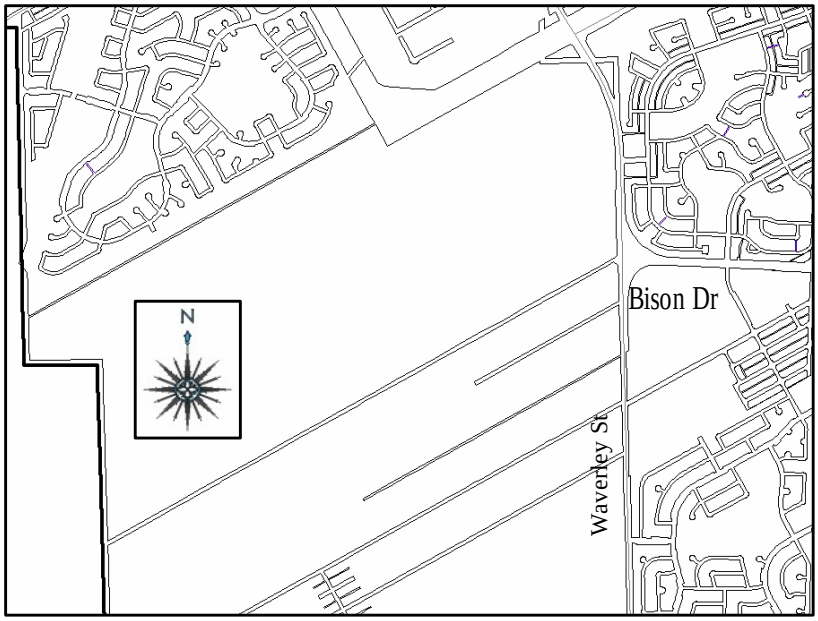
| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 3,400 | - | - | 7,500 | - | - | 7,500 | 10,900 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 3,400 | | | 7,500 | | | 7,500 | 10,900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,400 | - | - | 7,500 | - | - | - | 10,900 |
| Financed by: | | | | | | | | |
| Retained Earnings | 3,400 | | | 7,500 | | | | 10,900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Urban development of the lands within the City west of Waverley Street, north and south of Cadboro Road will require an extension of the existing feedermain system to provide water service and fire protection to developments in this area. The funds included are for Phase 1 and Phase 2 of the feedermain extension. Phase 1 is from the existing feedermain at Waverley Street and Bison Drive and extends into the Waverley West lands. Phase 2 will continue the Phase 1 extension west into the Waverly West lands and south down the proposed Kenaston Blvd extension. The expected life of the asset is over 50 years.



Project Name: **Feedermain Condition Assessment and Rehabilitation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2004xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | - | - | - | 1,000 | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | | | 1,000 | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 1,000 | - | 1,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | | | 1,000 | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The feedermains are specialized pipes which are unique in size, materials, construction techniques, and failure. The majority of feedermains were installed in the 1960's and require inspection, testing, and maintenance to preserve the asset. Future funds will be identified as part of the first phase of this project.

The expected life of this asset is 50 years.

Project Name: **Water Utility Asset Management Strategy**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2001000606
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 800 | - | 200 | - | - | - | - | 200 | 200 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 200 | | | | | 200 | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | - | - | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Retained Earnings | - | 200 | | | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Asset management principles are being utilized for various projects in the water utility. However, development of an asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the water utility. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

Project Name: **Water Supply Valve Installation / Replacement Program**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2004000606
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,800 | 1,500 | 1,500 | 1,500 | 750 | 750 | 750 | 5,250 | 6,750 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 1,500 | 1,500 | 1,500 | 750 | 750 | 750 | 5,250 | 6,750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,500 | 1,500 | 1,500 | 750 | 750 | 750 | - | 6,750 |
| Financed by: | | | | | | | | |
| Retained Earnings | 1,500 | 1,500 | 1,500 | 750 | 750 | 750 | | 6,750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The water supply valves are critical elements used to control the distribution of water from the source through the feedermain pipes. The scope of the work will vary with site-specific conditions. This program will include installation of valves at new locations to improve service reliability and reduce environmental risk. The program will also include replacement of valves, operators, Supervisory Control and Data Acquisition (SCADA) control equipment, related pipe connections, valve chambers, structural assessments, and restoration works. This is an ongoing program with additional funding being included in future years.

Life expectancy will vary between 20 and 50 years.

Project Name: **Shoal Lake Intake Maintenance / Communication Facility Rehabilitation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 3 - 2
Project: 2003000706
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | 700 | - | - | - | - | 700 | 700 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 700 | | | | | 700 | 700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 700 | - | - | - | - | - | 700 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 700 | | | | | | 700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The original title of the project was the Shoal Lake Aqueduct Maintenance/Storage Facility. The project scope and budget have been revised. The new project name is the Shoal Lake Intake Maintenance/Communication Facility Rehabilitation. The existing Shoal Lake Intake Maintenance/Communication Facility is used to store Intake equipment, track units and complete required maintenance on some of the Intake equipment. The facility also contains critical communications equipment for the Intake facility and Aqueduct. The facility requires upgrades and repairs in order to maintain its life and prevent damage to equipment.

The expected life of the asset is 50 years.

Project Name: **Hurst Pumping Station Building - Structural Repairs**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2005000706
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | 1,000 | - | - | - | - | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 1,000 | | | | | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | - | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 1,000 | | | | | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

There are structural defects noted on the precast concrete panels at the Hurst Pumping Station. Noted defects include deterioration of the copings (exposing reinforcing steel), cracked panels, deterioration of ribs on the panels, and the deterioration of the caulking joints in several locations. These conditions may lead to water penetration into the building envelope. A structural review of these conditions is required to determine rehabilitation or replacement costs.

The expected life of the asset is 50 years.

Project Name: **Chlorination Decommission at Regional Pump Stations**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2005xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 100 | - | - | - | - | 100 | 100 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 100 | | | | | 100 | 100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 100 | - | - | - | - | - | 100 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 100 | | | | | | 100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing chlorine disinfection facilities within the three Regional Pumping facilities may be decommissioned once the new drinking water treatment plant has been successfully commissioned. The proposed works at McPhillips, Hurst, and MacLean pump stations may include the removal of gas chlorine and the decommissioning of the related chlorination systems.

Project Name: **Safety Upgrades - Isolation Valves at Valve and Meter Pits**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2001001406
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | 300 | 300 | - | - | - | - | 300 | 600 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 300 | 300 | | | | | 300 | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 300 | 300 | - | - | - | - | - | 600 |
| Financed by: | | | | | | | | |
| Retained Earnings | 300 | 300 | | | | | | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

There are numerous underground valve and meter pits that must be accessed under confined entry procedures, to maintain the valves and meters. Recent changes to these safe work practices require that water pressure be turned off outside those pits. In order to reduce water service disruptions to customers included in the shutdown areas, additional valves and bypasses are required outside the pits.

The expected life of these assets is 50 years.

Project Name: **Deacon Chemical Feed Facility Upgrading**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2002xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 1,000 | - | - | - | 1,000 | 1,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 1,000 | | | | 1,000 | 1,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 1,000 | - | - | - | - | 1,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 1,000 | | | | | 1,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Deacon Chemical Feed Building contains chemical storage and injection equipment to treat the City's drinking water with fluoride and orthophosphate. Given the corrosive nature of such chemicals, the chemical pumps, piping, and related monitoring and control equipment will require upgrading and replacement by 2011.

The expected life of this asset is 20 years.

Project Name: **Regional Pumping Stations Structural Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2005xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 500 | - | - | - | 500 | 500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 500 | | | | 500 | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 500 | - | - | - | - | 500 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 500 | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The McPhillips, Hurst, and MacLean pumping stations provide the final pumping to deliver water to the Water Utility customers. The pump stations were constructed in the early 1960's. It is anticipated that the building structures will require upgrading to ensure the uninterrupted operation of these pumping facilities. A preliminary assessment will be conducted in 2011 with future funding requirements to be identified in the report.

The expected life of these assets is 50 years.

Project Name: **Safety Upgrades - Wilkes Reservoir "B" Pit**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2011xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 600 | - | - | - | 600 | 600 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 600 | | | | 600 | 600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 600 | - | - | - | - | 600 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 600 | | | | | 600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Wilkes Reservoir "B" Pit, constructed in the early 1960's, is one of two critical inlet control structures for controlling the flow of water into the Wilkes Reservoir. The "B" pit improvement works will address the employee safety requirements, egress requirements, valve replacement, structural/foundation repairs, electrical upgrades, and improve the site/groundwater drainage.

The expected life of this asset is 50 years.

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2001000905
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 435 | - | 125 | 125 | 125 | - | - | 375 | 375 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 125 | 125 | 125 | | | 375 | 375 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 125 | 125 | 125 | - | - | - | 375 |
| Financed by: | | | | | | | | |
| Retained Earnings | - | 125 | 125 | 125 | | | | 375 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In accordance with the City of Winnipeg Asbestos Code of Practice, the Water and Waste Department is initiating its Asbestos Containing Materials Operating and Maintenance Program. Funding is required for professional services including inspections, database development, labelling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Branch I Aqueduct at Seine River - Riverbank Stabilization**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2003xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 200 | 1,000 | - | - | - | - | 1,000 | 1,200 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 200 | 1,000 | | | | | 1,000 | 1,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 1,000 | - | - | - | - | - | 1,200 |
| Financed by: | | | | | | | | |
| Retained Earnings | 200 | 1,000 | | | | | | 1,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Pumping Station and Reservoir) was undertaken for its entire length from 1994 to 1996. A program to assess the stability of the riverbanks adjacent to the Branch I Aqueduct where it crosses the Seine River commenced in early 1997. Downslope movement of the east riverbank has been recorded since that time and internal structural inspections of the Aqueduct has not revealed any distress of the pipe as yet. The recent trend of accelerated riverbank movement continues and the Aqueduct will inevitably be impacted along the east riverbank. Funding is for engineering and construction of riverbank stabilization works to be undertaken before the Aqueduct is impacted.

The expected life of this asset is 50 years.

Project Name: **Regional Pumping Stations Reliability Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2005xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 1,600 | 750 | 750 | 3,100 | 3,100 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | 1,600 | 750 | 750 | 3,100 | 3,100 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 1,600 | 750 | 750 | - | 3,100 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | 1,600 | 750 | 750 | | 3,100 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The electrical power supply is the primary source of energy to drive the pumps in the drinking water pump stations. Electrical power disruptions have caused the electric pumps to shut down, for protection purposes, which results in reduced water service. A Water Pumping Station Power Reliability Study is currently ongoing and will review and prioritize electrical and control improvements to reduce the effects of electrical power disruptions. A final assessment report was completed and identified a number of required improvements which will be completed in phases according to priority.

The expected life of this asset is 20 years.

Project Name: **Waterworks System Security Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2001xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 700 | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 500 | 500 | 500 | 500 | 500 | 500 | 2,500 | 3,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | 500 | 500 | 500 | 500 | 500 | - | 3,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | 500 | 500 | 500 | 500 | 500 | 500 | | 3,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The waterworks system is made up of complex infrastructure that delivers water from Shoal Lake to Winnipeg homes and businesses. Operating the waterworks system is subject to legislation including the Drinking Water Safety Act, Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act, and Environment Act. Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to drinking water quality and public health. Funding is required for increased security measures to adequately protect the waterworks system.

Project Name: **Regulatory Assessment of Water System Infrastructure and Water Supply Sources**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2
Project: 2001xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 750 | - | - | - | - | - | - | 750 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 750 | - | | | - | | - | 750 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 750 | - | - | - | - | - | - | 750 |
| Financed by: | | | | | | | | |
| Retained Earnings | 750 | - | | | | | | 750 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A drinking water system Infrastructure Assessment study is required under the Provincial Drinking Water Safety Act. The objective of the report is to carry out an onsite evaluation to identify, analyze, and mitigate any potential adverse health risks and environmental impacts associated with the water system in a "source to tap" methodology. This work will also determine whether the water system's source, facilities, equipment, and operations are effective in producing safe drinking water, and meet the regulations in force.

The scope will also review projected water demands, treatment, and pumping capacities and any anticipated changes to water quality standards. The assessment report must be completed by an independent professional engineer and submitted in 2010.

Infrastructure assessment reports are required on a 5 year reporting frequency.

Project Name: **Arc Flash Hazard Analysis and Remediation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2001xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 525 | - | - | - | - | - | - | 525 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 525 | | | | | | - | 525 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 525 | - | - | - | - | - | - | 525 |
| Financed by: | | | | | | | | |
| Retained Earnings | 525 | | | | | | | 525 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

As part of the Canadian Standards Association Occupational Health and Safety program a new standard entitled Electrical Safety for Industry (CSA Z462) will be adopted within the new Canadian Electrical code. As a result of the new standard a study is required to determine (with the use of the SKM Systems Analysis software) the potential arc flash energy at various distribution points and provide recommendations to reduce these energies. Provision to upgrade equipment to lower fault energies and to provide procurement of personal protective equipment and training is included.

The expected life of this asset is 50 years.

Project Name: **GIS Database Restructuring and Data Integrity Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2001xxxxyy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,110 | 70 | - | - | - | - | - | - | 70 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 70 | | | | | | - | 70 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 70 | - | - | - | - | - | - | 70 |
| Financed by: | | | | | | | | |
| Retained Earnings | 70 | | | | | | | 70 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2005, the Water and Waste Department started an in depth review of the water and sewer Geographical Information System (GIS) database structure. This review will result in the requirement to restructure the various GIS databases, reconfigure the GIS software, perform extensive data clean-up and input new data.

The scope of the project includes the following: 1. Restructure all of the GIS databases tables in Oracle - new features will be added to the data base and redundant features will be removed. The structure of remaining tables will be revised also. This will result in adding and removing tables from the structure as well as revising fields in the remaining tables. Data from other information systems will be amalgamated into the water and sewer GIS database as well. 2. Improve the integrity of the data in GIS - this will result in cleaning up the numerous spelling errors, changing inappropriate data to correct data and filling in blank fields. Field survey work will be required to capture some of the missing data. 3. Input all of the new data into database and revise errors. 4. Staff Training

Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Environmental Services Laboratory Facility Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2001002209
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 150 | - | - | - | - | - | - | 150 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 150 | | | | | | - | 150 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | - | - | - | - | - | - | 150 |
| Financed by: | | | | | | | | |
| Retained Earnings | 150 | | | | | | | 150 |

| NET OPERATING IMPACT | 2008 | 2009 | 2010 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Environmental Standards Division Laboratory Facility is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the North End Water Pollution Control Centre. The existing laboratory space is insufficient with the addition of new staff to conduct laboratory work for the new water treatment plant and the additional wastewater systems. There is a storage room at the NEWPCC of approximately 530 square feet that is available to be upgraded/converted to laboratory space.

The upgrade of this space includes a new HVAC (Heating, Ventilating, and Air Conditioning) system to control air quality, new workstations and bench spaces, a new sample reception/preparation area. The cost identified also includes removal of old duct work and other existing devices, upgrade existing plumbing, and new laboratory equipment including fume hoods, odour control canopies and incubators.

The expected life for this facility is about 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Customer Information and Services System Project (CISS) - Phase 2**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 20100002yy
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | | 512 | 1,025 | - | - | - | - | 1,025 | 1,537 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 512 | 1,025 | | | | | 1,025 | 1,537 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 512 | 1,025 | - | - | - | - | - | 1,537 |
| Financed by: | | | | | | | | |
| Retained Earnings | 512 | 1,025 | | | | | | 1,537 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Phase two of the Customer Information and Services System Project (CISS) project will include implementing enhanced functionality of the Oracle Customer Care and Billing system. Components of this phase will include web self-service, meter management and inventory control, enhanced reporting and will allow introduction of cost of service rates and winter cost averaging.

The first phase of the CISS project included $10,000,000 (split between the Waterworks System Fund and the Sewage Disposal System Fund) for replacing the legacy mainframe based system with a new web based Customer Care and Billing (CCB) system. In order to mitigate risk and ensure a successful project, only the base Oracle functionality was implemented in Phase one.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Cost of Service Rates Study**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 3 - 2

Project: 2001002009
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 250 | 150 | - | - | - | - | 150 | 400 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 250 | 150 | | | | | 150 | 400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 150 | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | |
| Retained Earnings | 250 | 150 | | | | | | 400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Municipal Corporate Utility Business Plan**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2001002109
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 625 | - | - | - | - | - | - | 625 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 625 | | | | | | - | 625 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 625 | - | - | - | - | - | - | 625 |
| Financed by: | | | | | | | | |
| Retained Earnings | 625 | | | | | | | 625 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2008, the City engaged a consultant to investigate the concept of creating a Municipal Corporate Utility. The Public Service has recommended that Council approve the concept of an arm's length, City owned Municipal Corporate Utility.

This project will fund a due diligence process, the creation of a comprehensive business plan and identification of required legislative authorities for establishing a Municipal Corporate Utility. The cost of this study is split 50/50 between the Sewage Disposal System Fund and the Waterworks System Fund.

Project Name: **Watermain Renewals**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2013000106
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 50,000 | 60,000 |
| Financed by: | | | | | | | | | |
| Watermain Renewal Reserve | | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 35,000 | 42,000 |
| Retained Earnings | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 15,000 | 18,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | - | 60,000 |
| Financed by: | | | | | | | | |
| Watermain Renewal Reserve | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | 7,000 | | 42,000 |
| Retained Earnings | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | | 18,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate deteriorating watermain infrastructure. Funding is used for watermain replacement, cathodic protection, valve and hydrant replacement/rehabilitation, correction of dead end mains, upgrading of substandard mains, watermain studies, assessments, and hydraulic improvements for fire protection purposes. Additional funding from Retained Earnings was added to the program due to the significant escalation of construction costs over the last few years. The expected remaining life of each rehabilitated watermain ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Shoal Lake Aqueduct Asset Preservation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2003000706
Service: Water

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,750 | 300 | 600 | 600 | 1,000 | - | - | 2,200 | 2,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 600 | 600 | 1,000 | | | 2,200 | 2,200 |
| Aqueduct Rehabilitation Reserve | | 300 | | | | | | - | 300 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 300 | 600 | 600 | 1,000 | - | - | - | 2,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | - | 600 | 600 | 1,000 | | | | 2,200 |
| Aqueduct Rehabilitation Reserve | 300 | | | | | | | 300 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct, which has been in continuous service since 1919, delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition and rehabilitation of the Aqueduct commenced in 1988 and was substantially completed in 2004. While the Aqueduct rehabilitation project has resulted in an increase of the Aqueduct's service life by 50 years, on-going monitoring and inspection programs will identify future works.

Works which have been identified include the rehabilitation of drainage siphons crossing the Aqueduct, replacement of corroded boathouse access doors and broken Aqueduct vent pipes, re-establishment of a boathouse in proximity of the Whitemouth River and condition inspection and cleaning of the Aqueduct underdrain.

During the rehabilitation of the Aqueduct, an inventory of specialized and costly inspection and maintenance equipment was assembled which will continue to be utilized in the ongoing inspection and maintenance of the Aqueduct. This equipment requires a dedicated and secure storage facility to ensure its functionality and availability.

The expected life of this asset is 50 years.

Project Name: **Lift Stations Upgrading**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 2035000106
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 750 | 750 | 750 | 750 | 750 | 750 | 3,750 | 4,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 750 | 750 | 750 | 750 | 750 | 750 | 3,750 | 4,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 750 | 750 | 750 | 750 | 750 | 750 | - | 4,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | 750 | 750 | 750 | 750 | 750 | 750 | | 4,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour, and aesthetic problems as required for the 95 lift stations and associated forcemains, gate chambers, and related works in the sewage collection system. For maximum effectiveness the program must be on a planned and continuous basis.

The Water and Waste Department has determined that the level of funding to maintain the existing lift stations is estimated at $750,000 per year. Due to the cyclical nature of maintenance requirements, the program is assessed on an annual basis and budget requirements may be adjusted in the future according to need.

The expected life of this asset is 50 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Inflow / Infiltration / Cross-Connection Study and Mitigation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 3
Project: 2041000106
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,250 | - | - | - | - | - | 2,000 | 2,000 | 2,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | | | 2,000 | 2,000 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 2,000 | - | 2,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | | | 2,000 | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves locating and identifying sources of extraneous inflow and infiltration (I&I) entering the wastewater sewer system, and implementing mitigative measures to reduce the I&I such that basement flooding is minimized during high river levels and emergency discharges are minimized under wet weather conditions. Extraneous inflows from groundwater, snowmelt, and rainfall events place an additional stress on the wastewater treatment plans that can result in reduced life expectancy of equipment and/or accelerate the need for wastewater treatment plant expansion. Minimizing extraneous inflows will reduce these additional stresses, prolong equipment life, and postpone facility expansion. Areas of the City will also be identified where land drainage sewer system cross-connections may exist with the wastewater sewer system that can be significant sources of I&I under high river levels or wet weather.

In addition to this, as of 1990, new homes are required to have sump pumps and pits to collect foundation drainage and then discharge this clean water onto the home owners land. The intent was to remove this large source of extraneous flow from reaching the wastewater treatment plants. It has been found, however, that some home owners have illegally connected sump pumps to their wastewater sewer service. Part of this study will investigate the extent of this practice and make recommendations of appropriate measures including public education and communication to rectify the situation. Areas where other sources of extraneous I&I are suspected will be investigated.

The expected life of this asset is 50 years.

Project Name: **Sewer System Isolation in Areas Protected by Secondary Dikes**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 3

Project: 2030000206
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | 500 | 1,000 | 1,000 | - | 2,500 | 2,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | - | 500 | 1,000 | 1,000 | | 2,500 | 2,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 500 | 1,000 | 1,000 | - | - | 2,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | | - | 500 | 1,000 | 1,000 | | | 2,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves isolating the sewer system in areas protected by secondary dikes from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. Installation of gate valves on the house sewer connection;
2. Installation of sump pits and pumps and backwater valves in each property, or;
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

The expected life of this asset is 50 years.

Project Name: **Raw Sewage Pump Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,600 | - | 2,550 | - | - | - | - | 2,550 | 2,550 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 2,550 | | | | | 2,550 | 2,550 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 2,550 | - | - | - | - | - | 2,550 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 2,550 | | | | | | 2,550 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The largest raw sewage pumps (700 hp) at the NEWPCC were installed in 1963. Due to obsolescence, repair parts are difficult to obtain and may have to be hand fabricated. Failure of one of these pumps would reduce firm capacity by 22% and could result in raw sewage bypassing treatment. Funding shown will be for the engineering, design, supply, and installation of two variable speed motors and pumps.

The expected life of this asset is 25 years.

Project Name: **Waverley West Interceptor Sewer**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2037000906
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 4,480 | 4,600 | - | - | - | - | - | - | 4,600 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 4,600 | | | - | | | - | 4,600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 4,600 | - | - | - | - | - | - | 4,600 |
| Financed by: | | | | | | | | |
| Retained Earnings | 4,600 | | | - | | | | 4,600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds are for engineering design and construction of an extension of the Fort Garry Interceptor from its present terminus at Bishop Grandin Boulevard and the southerly projection of Dovercourt Drive, and through the wastewater sewer system along Killarney Avenue.

The Interceptor sewer extension will provide regional servicing for projected development within the area bounded by Bishop Grandin Boulevard on the north, the Perimeter Highway on the south, Waverley Street on the east, and the City Limits on the west.

Planning level analysis indicates that the St. Mary's Interceptor may not have the hydraulic capacity to safely convey wet weather flows (WWF) from the service area to the South End Water Pollution Control Centre (SEWPCC). The need for a river crossing to provide the supplemental hydraulic capacity during WWF to protect against the possibility of basement flooding and minimize emergency discharges are under review as part of the South End Inflow and Infiltration Study and the Combined Sewer Overflow Mitigation Program. The outcome of the study and program will help determine the need and costs should a river crossing be deemed necessary.

The expected life of this asset is over 50 years.

Project Name: **Upgrading External Power Supply - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 6,000 | - | - | 6,000 | 6,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | 6,000 | | | 6,000 | 6,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 6,000 | - | - | - | 6,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | 6,000 | | | | 6,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The NEWPCC currently has two independent power supplies which are both capable of supplying the entire NEWPCC power requirement. In the event of a power failure to one supply, the plant will continue to operate on the other supply.

If any additional treatment processes are added to the plant, this fully redundant power supply will be compromised. Effluent disinfection was added to the NEWPCC in 2006 and has been accommodated by its own separate power supply.

Future biological nutrient reduction processes will have relatively high power requirements and will increase the plant power requirement beyond the current capacity of either of the two supplies. In anticipation of centrate and/or nutrient removal at the NEWPCC the existing power supplies must be assessed and upgraded.

The life expectancy of this asset is 50 years.

Project Name: **Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2033xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,800 | 2,150 | - | - | - | - | - | - | 2,150 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 2,150 | | | | | | - | 2,150 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,150 | - | - | - | - | - | - | 2,150 |
| Financed by: | | | | | | | | |
| Retained Earnings | 2,150 | | | | | | | 2,150 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The West End Pollution Control Centre (WEWPCC) accepted waste from septic haulers as a disposal facility at the Perimeter Road Pumping Station. The design consultants for the WEWPCC Biological Nutrient Removal facility have recommended that this practice be stopped. On December 1, 2005, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred with the recommendation. As of July 1, 2007, septage was no longer accepted at the WEWPCC and the septage receiving facility at the WEWPCC was closed. This project is to provide increased capacity at the other two facilities (North and South End Water Pollution Control Centres).

The name of this project has been revised from Septage Acceptance Facility - Wastewater Pollution Control Centres to Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres. The funding in 2008 and 2009 will be used to design and construct upgraded hauled liquid waste acceptance facilities at both the North and South End Water Pollution Control Centres and including provisions for landfill leachate acceptance at the NEWPCC.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

Project Name: **Re-Roofing at Water Pollution Control Centres**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2030001006
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | - | 400 | - | 400 | - | 400 | 1,200 | 1,200 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 400 | | 400 | | 400 | 1,200 | 1,200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 400 | - | 400 | - | 400 | - | 1,200 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 400 | | 400 | | 400 | | 1,200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Various Water Pollution Control Centre buildings require re-roofing because their existing roofing has exceeded their functional life and are in need of frequent repair and servicing. Mechanical equipment and controls contained in these facilities require that the superstructures be adequately maintained to protect its components. Re-roofing in a timely and proactive manner will maximize the functional life of the facilities, protect the mechanical and control components contained in the facilities, and prevent structural damage to the facilities as a result of water leakage undergoing freeze-thaw cycles. The funding for this ongoing program includes engineering, design, and re-roofing construction.

The expected life of this asset is 30 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Centrifuge Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 9,500 | - | - | - | 9,500 | 9,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 9,500 | | | | 9,500 | 9,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 9,500 | - | - | - | - | 9,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 9,500 | | | | | 9,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The centrifuge units de-water digested sludge produced as a by-product of wastewater treatment processes. Furthermore, as the sludge produced at the South End and the West End Water Pollution Control Centres is processed at NEWPCC, these units are critical to the treatment process at these plants as well. There are 6 units that are subject to intense mechanical wear, are 17 years old, and are failing with increasing frequency. For construction, operation, and maintenance reasons, these units must be identical to each other, and as such must be purchased simultaneously, or phased over 2 years maximum.

The life expectancy of this asset is 15 years.

Project Name: **River Crossings Monitoring and Rehabilitation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 2036000706
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 7,000 | 2,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 6,500 | 8,800 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 2,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | 6,500 | 8,800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 2,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | - | 8,800 |
| Financed by: | | | | | | | | |
| Retained Earnings | 2,300 | 1,300 | 1,300 | 1,300 | 1,300 | 1,300 | | 8,800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is for the rehabilitation and/or replacement of forcemain river crossings and for the installation of leak detection equipment on the existing waterway crossings.

The Department has completed a risk assessment of all river crossings in order to determine a prioritization plan to upgrade and replace any at risk river crossings as required by Environmental Licences issued by the Province of Manitoba for the wastewater collection system in the City of Winnipeg.

These funds will also be used to install continuous leak detection monitoring equipment at all river crossings as required by the Provincial Environmental License. The Department is currently undertaking a pilot program to evaluate and determine methods to meet this requirement.

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3

Project: 2030000905
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 495 | - | 125 | 125 | 125 | - | - | 375 | 375 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 125 | 125 | 125 | | | 375 | 375 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 125 | 125 | 125 | - | - | - | 375 |
| Financed by: | | | | | | | | |
| Retained Earnings | - | 125 | 125 | 125 | | | | 375 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In accordance with the City of Winnipeg Asbestos Code of Practice, the Water and Waste Department is initiating its Asbestos Containing Materials Operating and Maintenance Program. Funding is required for professional services including inspections, database development, labelling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Digester Area Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 600 | - | 900 | - | - | - | - | 900 | 900 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 900 | | | | | 900 | 900 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 900 | - | - | - | - | - | 900 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 900 | | | | | | 900 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Process equipment in the digester area is over 40 years old and some components are failing with increasing frequency and have reached their useful life. Six digester gas compressor units are used to recirculate biogas in the sludge treatment process. The six sludge heat exchanger units are used to maintain the sludge temperature in the digesters and are critical components in the sludge treatment process. The compressors and the heat exchangers are identical and for construction, operation, and maintenance purposes, their replacements must be acquired simultaneously to ensure that the new equipment is identical.

The life expectancy of this asset is 20 years.

Project Name: **Water Pollution Control Centre Reliability Upgrades**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 20310010yy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 21,900 | - | 5,000 | 5,000 | - | 5,000 | 5,000 | 20,000 | 20,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 5,000 | 5,000 | | 5,000 | 5,000 | 20,000 | 20,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 5,000 | 5,000 | - | 5,000 | 5,000 | - | 20,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | - | 5,000 | 5,000 | | 5,000 | 5,000 | | 20,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A risk and criticality assessment of the City's three water pollution control centres has been undertaken. The assessment outlined required improvements to the existing systems to increase their reliability. The program will address the improvements which affect mechanical, electrical, and structural components at all three water pollution control centres.

The expected life of the structure upgrades is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Wastewater System Security Upgrades**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2030xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | - | - | - | - | - | - | 500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 500 | | | | | | - | 500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | - | - | - | - | 500 |
| Financed by: | | | | | | | | |
| Retained Earnings | 500 | | | | | | | 500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The wastewater system is made up of complex infrastructure of sewers and pumping stations that convey sewage from Winnipeg homes and businesses to one of three wastewater treatment plants. Operation of the wastewater system is subject to legislation including the City By-laws, Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act, and Environment Act. Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to the environment, public health and safety. Funding is required for increased security measures to adequately protect the wastewater system.

Project Name: **HVAC Replacement - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2030xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | - | - | - | 4,000 | 5,000 | 9,000 | 10,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 1,000 | | | | 4,000 | 5,000 | 9,000 | 10,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | - | - | - | 4,000 | 5,000 | - | 10,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | 1,000 | | | | 4,000 | 5,000 | | 10,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Currently all HVAC (Heating, Ventilating, and Air Conditioning) equipment at the WEWPCC is approximately 15 years old, which, based on information provided by the equipment suppliers, is the normal life expectancy of the majority of HVAC equipment at the WEWPCC. Most of this equipment operates continuously and in a severe duty application due to the off-gases resulting from the treatment processes.

In 2006 a mechanical condition and air balancing assessment was performed at the WEWPCC. It was determined that most of the HVAC equipment requires replacement and/or maintenance, and that there are several air balance issues that need to be corrected to maintain proper pressure relationships between classified and unclassified areas. It was also noted that some existing equipment is operating at near maximum capacity and will need to be re-sized. The total estimate for all work is $15,000,000. The work is to be completed in stages starting in 2013.

The expected life of this asset is 25 years.

Project Name: **Traffic Safety Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | - | - | - | 1,800 | - | 1,800 | 2,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 200 | | | | 1,800 | | 1,800 | 2,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | - | - | - | 1,800 | - | - | 2,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | 200 | | | | 1,800 | | | 2,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The 1990 dewatering expansion at NEWPCC considered the need for traffic lights on Main street at the exit due to the increase in large (WB-20, 30 KL, 6 - axel) truck traffic and the safety concerns associated therewith, but this did not proceed at that time. Since then, large truck traffic at NEWPCC has increased over time from 20 - 25 large trucks/day to upwards of 100-150, with considerable increases in large leachate and liquid sludge trucks, construction trucks, as well as septage trucks and delivery/staff and contractor vehicles associated with plant expansions which are currently underway (in addition to the 100 large trucks/day). Meanwhile, the Chief Peguis bridge and surrounding developments have resulted in exponential increases in vehicular traffic on Main Street.

Over time, construction traffic will be replaced and exceeded by new septage trucks due to the closing of a West End receiving facility, by chemical delivery trucks due to treatment processes under construction, and by sludge trucks due to expansions at the City's other plants now underway. A traffic expert consultant assignment is urgently required to assess and develop alternatives and consult with authorities and obtain any needed approvals, followed by construction works (traffic lights, ramps, roadways, R/R crossings, access, etc.) to alleviate traffic safety issues both with on-site traffic and ingress/egress at Main Street.

The expected life of this asset is over 50 years.

Project Name: **Holding Tanks Coating - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 100 | - | - | - | 2,550 | - | 2,550 | 2,650 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 100 | | | | 2,550 | | 2,550 | 2,650 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | - | - | - | 2,550 | - | - | 2,650 |
| Financed by: | | | | | | | | |
| Retained Earnings | 100 | | | | 2,550 | | | 2,650 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The four original digesters at the NEWPCC, built in the mid 30's, are now used as digested sludge holding tanks, and are essential to the operation of the digested sludge dewatering facility, which serves all three of the City's wastewater treatment plants. The 75+ year old interior concrete walls are subject to corrosive gases and the interior wall and ceiling have deteriorated to the point where reinforcing steel is exposed in some areas. Assessment by qualified experts followed by rehabilitation and application of a sealant and/or coating is required to assure continued functionality of these tanks and avoid the expense of complete rebuilding.

The expected life of this asset is over 50 years.

Project Name: **Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | - | 19,600 | - | 19,600 | 19,600 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | | 19,600 | | 19,600 | 19,600 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | - | 19,600 | - | - | 19,600 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | | 19,600 | | | 19,600 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The three uncovered primary clarifiers at the NEWPCC have been identified as one of the remaining untreated odour sources at the site. The original Primary Clarifier Cover project, first introduced into the 1992 Capital Budget Estimates forecast was set up to implement a cover/ventilation system which would facilitate year round maintenance and operational flexibility and provide odour control capability. The project scope of work and the budget were expanded to include replacement of the clarifier sweep mechanisms which have reached the end of their expected design/service life.

Due to several factors that amounted to a significant increase in the capital funding required to complete the project, the Department recommended a deferral of the clarifier covering portion of the project.

On July 18, 2007, Council approved and the adopted the following:

"That the scope of work for this project be amended to include only the replacement of the sweep mechanisms and their associated mechanical and electrical equipment and that the cover portion of the project not be delayed, with Administration reporting back to the Standing Policy Committee on Infrastructure Renewal and Public Works on the clarifier cover system expenditure."

The work required on the NEWPCC Clarifiers is now separated into two individual Projects: "Primary Clarifier Refurbishment" for the sweep mechanisms and their associated mechanical and electrical equipment and "Primary Clarifier Covers" for the facilitation of year round maintenance and odour control capability. The budget originally established for work required for the Clarifier Covers was developed in 2003. Recent construction cost increases averaging 15% per year, a better understanding of the required work and changes to the National Building Code have resulted in a new estimated cost of $19,600,000.

The expected life of this asset is over 50 years.

Project Name: **Wastewater Utility Asset Management Strategy**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2030000609
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 200 | 200 | - | - | - | - | 200 | 400 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 200 | 200 | | | | | 200 | 400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 200 | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | |
| Retained Earnings | 200 | 200 | | | | | | 400 |

| NET OPERATING IMPACT | 2008 | 2009 | 2010 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Asset management principles are being utilized for various projects in the wastewater utility. However, development of an asset management strategy is required to define goals, objectives and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the wastewater utility. The asset management strategy will identify, prioritize and establish the future direction of condition assessments, establish deterioration / life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

The expected life of this asset is over 50 years.

Project Name: **GIS Database Restructuring and Data Integrity Upgrades**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 20400003yy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,110 | 70 | - | - | - | - | - | - | 70 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 70 | | | | | | - | 70 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 70 | - | - | - | - | - | - | 70 |
| Financed by: | | | | | | | | |
| Retained Earnings | 70 | | | | | | | 70 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2005, the Water and Waste Department started an in depth review of the water and sewer Geographical Information System (GIS) database structure. This review will result in the requirement to restructure the various GIS databases, reconfigure the GIS software, perform extensive data clean-up and input new data.

The scope of the project includes the following: 1. Restructure all of the GIS databases tables in Oracle - new features will be added to the data base and redundant features will be removed. The structure of remaining tables will be revised also. This will result in adding and removing tables from the structure as well as revising fields in the remaining tables. Data from other information systems will be amalgamated into the water and sewer GIS database as well. 2. Improve the integrity of the data in GIS - this will result in cleaning up the numerous spelling errors, changing inappropriate data to correct data and filling in blank fields. Field survey work will be required to capture some of the missing data. 3. Input all of the new data into database and revise errors. 4. Staff Training.

Additional funding was added in 2009 to complete the work identified in the scope.

Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Laboratory Facility Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2030002209
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 150 | - | - | - | - | - | - | 150 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 150 | | | | | | - | 150 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | - | - | - | - | - | - | 150 |
| Financed by: | | | | | | | | |
| Retained Earnings | 150 | | | | | | | 150 |

| NET OPERATING IMPACT | 2008 | 2009 | 2010 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Environmental Standards Division Laboratory Facility is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the North End Water Pollution Control Centre. The existing laboratory space is insufficient with the addition of new staff to conduct laboratory work for the new water treatment plant and the additional wastewater systems. There is a storage room at the NEWPCC of approximately 530 square feet that is available to be upgraded/converted to laboratory space.

The upgrade of this space includes a new HVAC (Heating, Ventilating, and Air Conditioning) system to control air quality, new workstations and bench spaces, a new sample reception/preparation area. The cost identified also includes removal of old duct work and other existing devices, upgrade existing plumbing, and new laboratory equipment including fume hoods, odour control canopies and incubators.

The expected life for this facility is about 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Customer Information and Services System project (CISS) - Phase 2**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2040002yy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 512 | 1,025 | - | - | - | - | 1,025 | 1,537 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 512 | 1,025 | | | | | 1,025 | 1,537 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 512 | 1,025 | - | - | - | - | - | 1,537 |
| Financed by: | | | | | | | | |
| Retained Earnings | 512 | 1,025 | | | | | | 1,537 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Phase two of the Customer Information and Services System Project (CISS) project will include implementing enhanced functionality of the Oracle Customer Care and Billing system. Components of this phase will include web self-service, meter management and inventory control, enhanced reporting and will allow introduction of cost of service rates and winter cost averaging.

The first phase of the CISS project included $10,000,000 (split between the Waterworks System Fund and the Sewage Disposal System Fund) for replacing the legacy mainframe based system with a new web based Customer Care and Billing (CCB) system. In order to mitigate risk and ensure a successful project, only the base Oracle functionality was implemented in Phase one.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Cost of Service Rates Study**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 2
Project: 2030002009
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 250 | 150 | - | - | - | - | 150 | 400 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 250 | 150 | | | | | 150 | 400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 250 | 150 | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | |
| Retained Earnings | 250 | 150 | | | | | | 400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **New Discharge Chamber - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 203100xxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 500 | - | - | 15,000 | - | - | 15,000 | 15,500 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 500 | | | 15,000 | | | 15,000 | 15,500 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 500 | - | - | 15,000 | - | - | - | 15,500 |
| Financed by: | | | | | | | | |
| Retained Earnings | 500 | | | 15,000 | | | | 15,500 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The discharge chamber and related appurtenances were part of a major plant expansion in 1963. Due to age, wear, and the corrosive environment, extensive deterioration of this asset is evident. Funding in 2009 will be for an engineering assessment of the condition and capacity of the discharge chamber and the conduit from the discharge chamber to the grit building. Funding in 2012 will be for the design and construction of a second discharge chamber and will be dependent on the outcome of the condition assessment.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

Project Name: **New Surgewell - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 203100xxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,000 | 4,000 | 9,000 | - | - | - | 13,000 | 14,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 1,000 | 4,000 | 9,000 | | | | 13,000 | 14,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,000 | 4,000 | 9,000 | - | - | - | - | 14,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | 1,000 | 4,000 | 9,000 | | | | | 14,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The surgewell and related appurtenances were part of the original plant construction in 1936. Due to age, wear, and the corrosive environment, extensive deterioration of this asset is evident. In addition to constructing a new surgewell, consideration will be given to upgrading the on-site interceptors and pump suction header system to improve control of raw sewage inflows and provide redundancy for the plant inflow systems.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

Project Name: **Grit Handling Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5-3
Project: 203100xxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | - | 11,700 | - | - | - | 11,700 | 11,700 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | 11,700 | | | | 11,700 | 11,700 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 11,700 | - | - | - | - | 11,700 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | 11,700 | | | | | 11,700 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Funds included are for the engineering and construction of a new grit collection and handling system in the Grit Removal building at the NEWPCC. Phase 1 of this project saw tank geometry and the air flow system upgraded in 2008. Phases 2 and 3 will include supply and installation of a grit collection, removal and classification system into the four grit tanks and Phase 4 will include the replacement of the grit conveyor system.

The expected life of this asset is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Municipal Corporate Utility Business Plan and Strategic Partner Development**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5-2
Project: 2030002109
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 3,625 | - | - | - | - | - | - | 3,625 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 3,625 | | | | | | - | 3,625 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 3,625 | - | - | - | - | - | - | 3,625 |
| Financed by: | | | | | | | | |
| Retained Earnings | 3,625 | | | | | | | 3,625 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2008, the City engaged a consultant to investigate the concept of creating a Municipal Corporate Utility. The Public Service has recommended that Council approve the concept of an arm's length, City owned Municipal Corporate Utility and the procurement of a Strategic Partner for the wastewater treatment plant upgrades.

This project will fund a due diligence process, the creation of a comprehensive business plan and identification of required legislative authorities for establishing a Municipal Corporate Utility. The cost of this study is split 50/50 between the Sewage Disposal System Fund and the Waterworks System Fund.

This project will also fund the strategic partner procurement process in the amount of $3 million, including contracting the required legal, technical, and financial expertise. The procurement process is fully funded by the Sewage Disposal System Fund.

Project Name: **Environmental Impact Statement and Public Hearings**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 2034xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,100 | 100 | 100 | 200 | 200 | 100 | 100 | 700 | 800 |
| Financed by: | | | | | | | | | |
| Environmental Reserve | | 100 | 100 | 200 | 200 | 100 | 100 | 700 | 800 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 100 | 200 | 200 | 100 | 100 | - | 800 |
| Financed by: | | | | | | | | |
| Environmental Reserve | 100 | 100 | 200 | 200 | 100 | 100 | | 800 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of the 2003 regulatory hearings of the Clean Environment Commission (CEC), it has been recommended and the Province has adopted that a further regulatory review be undertaken in two (2) years and then every three (3) years thereafter.

Ongoing works to satisfy regulatory requirements will require documentation, monitoring, and support to demonstrate that the construction and operation of the completed projects relating to the CEC recommendations and as required as a condition of tripartite funding are meeting compliance terms and conditions.

Budgeted funds are for environmental assessment related studies/reports, public participation, regulatory liaison site specific assessments, monitoring and analysis, and future representation at hearings expected in the 2008 to 2013 horizon.

Project Name: **Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 20380001yy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 20,228 | 7,000 | 8,000 | 9,000 | 9,000 | 10,000 | 10,000 | 46,000 | 53,000 |
| Financed by: | | | | | | | | | |
| Environmental Reserve | | 7,000 | 8,000 | 9,000 | 9,000 | 10,000 | 10,000 | 46,000 | 53,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 7,000 | 8,000 | 9,000 | 9,000 | 10,000 | 10,000 | - | 53,000 |
| Financed by: | | | | | | | | |
| Environmental Reserve | 7,000 | 8,000 | 9,000 | 9,000 | 10,000 | 10,000 | | 53,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

It is the intent to create a multi-year combined sewer master implementation plan developing both a specific CSO reduction program and expanding and integrating that program with other current programs including:

- Basement flooding relief

- Sewer Condition Assessment and Condition Upgrading

- Pollution Control Centre Upgrading Programs

The Combined Sewer Overflow Master Implementation Plan needs to develop specific strategies for implementation that provide clear direction on the ramifications of policy and the technical requirements to meet regulatory compliance. The plan must consider: 2003 CEC Hearings recommendations; Manitoba Conservation Guidance and Priorities; consistency with prevailing international practice; understanding of benefits and costs; fiscal responsibility and environmental stewardship; initiation of near-term actions to reduce CSO's; and confirmation of long-range control program.

The Clean Environment Commission (CEC) has recommended that the City reduce the average number of overflows to 4 per year within a 20 to 25 year timeframe.

Funds budgeted are for the development of a CSO Master Implementation plan, technical and economic analyses, program development, staging of mitigation works, annual monitoring programs, pilot studies, land acquisition, integration with overlapping programs, and initiation and implementation of control measures, including a supervisory control and data acquisition (SCADA).

In addition, a portion of the funding will be used to assess the requirements and to develop and acquire a SCADA system for the regional wastewater collection system. The SCADA system will enable efficient and effective provision of service related to wastewater collection and treatment that will be consistent with the water supply and distribution services SCADA system. The technology, which will be applied to remote wastewater pumping stations, flood pumping stations and other critical monitoring points, will enable remote monitoring and control, increase reliability of the service and reduce attendance by work crews.

As more CSO's are diverted to the wastewater treatment plants, additional treatment will need to be added to process the wet weather flows to meet effluent limits set in Environment Act Licences issued for each plant.

The expected life of the sewers is 50 years, mechanical components is 25 years and SCADA system is 10 years.

Project Name: **Biosolids - Alternative Disposal Delivery & Management System**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3

Project: 20310004yy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,730 | 4,350 | - | 14,955 | 12,191 | 11,325 | 18,179 | 56,650 | 61,000 |
| Financed by: | | | | | | | | | |
| Environmental Reserve | | 4,350 | | 14,955 | 12,191 | 11,325 | 11,314 | 49,785 | 54,135 |
| External Debt | | - | | | | | 6,865 | 6,865 | 6,865 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 4,350 | - | 14,955 | 12,191 | 11,325 | 18,179 | - | 61,000 |
| Financed by: | | | | | | | | |
| Environmental Reserve | 4,350 | | 14,955 | 12,191 | 11,325 | 11,314 | | 54,135 |
| External Debt | - | | - | | | 6,865 | | 6,865 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg is reviewing its current land application practices of Biosolids relative to regulation requirements, emerging requirements associated with nutrient management regulations, changes to quantity and quality from upgraded wastewater treatment plants, and risk and criticality assessments done at all three plants. The City will have to implement alternate sludge management and disposal methods as result of the Provincial Nutrient Management Act. The current WINGRO management program will need to be modified in order to be sustainable and as such will require significant capital investment and transition time to effectively implement the required changes. Funds included are for engineering study and design and construction of alternatives to current sludge management and disposal methods.

The expected life of the facility is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Effluent Disinfection and Nutrient Removal - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2033xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 35,273 | 4,190 | - | - | - | - | - | - | 4,190 |
| Financed by: | | | | | | | | | |
| Canada Strategic Infrastructure Fund - Federal | | | | | | | | - | - |
| Transfer to General Capital Fund | | | | | | | | - | - |
| Transfer from other authorized projects | | | | | | | | - | - |
| Environmental Reserve | | | | | | | | - | - |
| External Debt | | 4,190 | | | | | | - | 4,190 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 4,190 | - | - | - | - | - | - | 4,190 |
| Financed by: | | | | | | | | |
| Canada Strategic Infrastructure Fund - Federal | | | | | | | | - |
| Transfer to General Capital Fund | | | | | | | | - |
| Transfer from other authorized projects | | | | | | | | - |
| Environmental Reserve | | | | | | | | - |
| External Debt | 4,190 | | | | | | | 4,190 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

In August 2005, an Environment Act Licence was issued to the City which imposed effluent limits of 1 mg/L phosphorus, 15 mg/L nitrogen, and 200 MPN of fecal coliforms. The upgrades required to meet the nutrient limits are underway through the construction of a Biological Nutrient Removal (BNR) facility which was started in September 2006 and is expected to be completed in October 2008. The design of a disinfection facility to meet the coliform limits on a year round basis has been completed and the cost of this facility has been estimated, however, the actual construction of this facility has been deferred pending a review of a less costly option.

The required funding in 2009 is based on the consultant's latest cost estimate to complete the BNR facility and to build the disinfection facility as currently designed.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

Project Name: **Nutrient Removal / Expansion - South End Water Pollution Control Centre (SEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2032xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 66,250 | 73,000 | 64,000 | - | - | - | - | 64,000 | 137,000 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | | | | - | - |
| Canada Strategic Infrastructure Fund - Federal | | 6,000 | 8,035 | | | | | 8,035 | 14,035 |
| Canada Strategic Infrastructure Fund - Provincial | | 14,608 | 10,392 | | | | | 10,392 | 25,000 |
| External Debt | | 46,525 | 48,865 | | | | | 48,865 | 95,390 |
| Prior Years' Authorized External Debt | | 5,867 | | | | | | - | 5,867 |
| Transfer to General Capital Fund | | | (3,292) | | | | | (3,292) | (3,292) |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 73,000 | 64,000 | - | - | - | - | - | 137,000 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | | | | | - |
| Canada Strategic Infrastructure Fund - Federal | 6,000 | 8,035 | | | | | | 14,035 |
| Canada Strategic Infrastructure Fund - Provincial | 14,608 | 10,392 | | | | | | 25,000 |
| External Debt | 46,525 | 48,865 | | | | | | 95,390 |
| Prior Years' Authorized External Debt | 5,867 | | | | | | | 5,867 |
| Transfer to General Capital Fund | | (3,292) | | | | | | (3,292) |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project includes the Amalgamation of the High River Level (Flood) Protection - SEWPCC, Capacity Study/Preliminary Engineering - SEWPCC and Nutrient Removal - SEWPCC projects into one overall comprehensive program for the expansion and upgrading of the SEWPCC.

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

The population serviced by SEWPCC is growing rapidly and will necessitate a major expansion of the SEWPCC plant within 5 years to maintain the current level of secondary treatment and effluent quality. Upgrade requirements for conventional plant expansion in response to increased population, nutrient reduction at the wastewater treatment plants must be considered jointly for process design reasons and costs. The most cost effective method to address both environmental issues is Biological Nutrient Removal (BNR) of N and P. The

***Nutrient Removal / Expansion (SEWPCC) Cont'd***

implementation of BNR will require a major plant expansion and double the size of the current facility. Best practicable performance of BNR is anticipated to achieve a final effluent with total P and N concentrations of about 1 mg/L and 15 mg/L, respectively.

Funds have been included to enable completion of the plant expansion by December 2012 as required by the Environment Act License.

The current funding requirement is based on very preliminary engineering and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

Project Name: **Nutrient Removal - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2031xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 14,500 | - | 21,000 | 150,000 | 150,000 | 65,000 | - | 386,000 | 386,000 |
| Financed by: | | | | | | | | | |
| Environmental Reserve | | | | | | - | | - | - |
| External Debt | | - | 21,000 | 150,000 | 150,000 | 65,000 | | 386,000 | 386,000 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 21,000 | 150,000 | 150,000 | 65,000 | - | - | 386,000 |
| Financed by: | | | | | | | | |
| Environmental Reserve | | | | | - | | | - |
| External Debt | - | 21,000 | 150,000 | 150,000 | 65,000 | | | 386,000 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

The upgrade requirements for ammonia and/or nutrient reduction at the wastewater treatment plants must be considered jointly. The most cost effective method to address both issues is Biological Nutrient Removal (BNR) of N and P. The implementation of BNR will require a major plant expansion and double the size of the current facility. Best practicable performance of BNR is anticipated to achieve a final effluent with total P and N concentrations of about 1 mg/L and 15 mg/L, respectively. Due to the timing and magnitude of the costs, a portion of the project will need to be debt financed if it is to be implemented within the next ten years.

The impact of changes in sludge quantity and quality resulting from BNR process upgrades will have a large impact on solids handling and land applications. The addition of wet weather treatment processes associated with combined sewer overflow (CSO) control must be considered in the overall BNR process design and operation effluent disinfection for wet weather.

The required funding is based on meeting expected effluent limits on a rolling 30 day average basis. These limits are contained in an Environment Act License issued for this facility. Funding is being requested to allow for completion of the plant expansion by December 2014. Additional funds may be required and will be identified in succeeding years capital budgets.

The current funding requirement is based on very preliminary engineering and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

Project Name: **Sewer Renewal**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2039xxxxyy
Service: Wastewater

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | N/A * | 15,600 | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 63,000 | 78,600 |
| Financed by: | | | | | | | | | |
| Sewer System Rehabilitation Reserve | | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 63,000 | 75,600 |
| Retained Earnings | | 3,000 | | | | | | - | 3,000 |
| Federal Gas Tax | | | | | | | | - | - |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 15,600 | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | - | 78,600 |
| Financed by: | | | | | | | | |
| Sewer System Rehabilitation Reserve | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | 12,600 | | 75,600 |
| Retained Earnings | 3,000 | | | | | | | 3,000 |
| Federal Gas Tax | | | | | | | | - |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate sewer infrastructure. Funds will be utilized to rehabilitate or replace combined, separate wastewater and land drainage sewers. Sewers will be replaced or rehabilitated using appropriate technologies, based on condition assessment determined through video inspection. A portion of the funding will be used for condition assessment. The expected remaining life of each rehabilitated sewer ranges from 20 to 100 years, depending on the rehabilitation technology and the asset condition.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

Project Name: **Summit Landfill Closure / Post-Closure**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2060xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 950 | 200 | 400 | 400 | 400 | - | - | 1,200 | 1,400 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 200 | 400 | 400 | 400 | - | | 1,200 | 1,400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | 400 | 400 | 400 | - | - | - | 1,400 |
| Financed by: | | | | | | | | |
| Retained Earnings | 200 | 400 | 400 | 400 | - | | | 1,400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In compliance with the closure/post closure plan for the former Summit Road landfill site, there is a requirement to apply additional final cover over the site and to carry out final grading, drainage control, and vegetative cover. The additional cover and grading/drainage control, and vegetative cover will restrict infiltration of precipitation into the site reducing leachate (landfill liquids) production. This reduces the amount of leachate that needs to be pumped and treated from this site. There is also a requirement to secure this site from unauthorized access. The costs identified include acquiring fill for final cover, grading/drainage control, fencing, plantings, and signage, including associated engineering.

The expected life of this facility is 50 years.

Project Name: **Miscellaneous Land Acquisition**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2061xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 100 | 350 | - | - | - | - | 200 | 200 | 550 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 350 | | | | | 200 | 200 | 550 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 350 | - | - | - | - | 200 | - | 550 |
| Financed by: | | | | | | | | |
| Retained Earnings | 350 | | | | | 200 | | 550 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

With the 34 closed landfills in the City, there are occasions when there is a benefit to acquiring lands in proximity of these sites to provide additional buffer zones to minimize any impacts on adjacent private lands. There are also occasions when acquiring land would be beneficial to long term control, use, drainage works, or rehabilitation of a site. The cost identified includes the cost of acquiring land with associated administration costs.

Project Name: **Organics Diversion Program Expansion**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 206xxxxxyy
Service: Solid Waste Collection and Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 200 | - | - | - | - | - | - | 200 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 200 | | | | | | - | 200 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 200 | - | - | - | - | - | - | 200 |
| Financed by: | | | | | | | | |
| Retained Earnings | 200 | | | | | | | 200 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City currently operates the Leaf-if with Us and Waste Organics Collection Program for six weeks in the fall at 10 depots. This capital project upgrades the sites to allow a spring collection program, and relocates three sites that conflict with other activities. Organics collection has certain environmental benefits, including the saving of landfill space, and the associated green house gas reduction benefits, however there are increases in green house gas emissions due to increased driving and hauling requirements by program users.

The expected life of this facility is 10 years.

Project Name: **Environmental Act Licence for Brady Landfill**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 400 | - | - | - | - | 400 | 400 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | 400 | | | | | 400 | 400 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 400 | - | - | - | - | - | 400 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 400 | | | | | | 400 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City must update the "grandfathered" operating permit for Brady Road Landfill with the required environmental license under current Manitoba Conservation regulations. The City will be required to conduct an Environmental Impact Assessment (EIA) and will also include a public review process as part of obtaining an environmental license.

The expected life of this asset is 100 years.

Project Name: **Brady Landfill Staff Building**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2
Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 1,250 | - | - | - | - | - | - | 1,250 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | 1,250 | | | | | | - | 1,250 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 1,250 | - | - | - | - | - | - | 1,250 |
| Financed by: | | | | | | | | |
| Retained Earnings | 1,250 | | | | | | | 1,250 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Brady Road Landfill currently uses a modified 32-year old construction trailer as its site office, lunchroom, and training area. A 35-year old former scale building has been converted for use as a washroom, locker room, and mechanical shop. Given the age and condition of these buildings, and the remaining site life for Brady Road Landfill of 100-150 years, a new staff building is warranted. The cost identified includes a new 380 square meter staff building complete with offices, washrooms, a locker room, training/meeting/visitor reception room, and mechanical shop.

The expected life of this facility is 30 years.

Project Name: **Landfill Cell Excavation**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 3

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | - | 2,875 | - | - | - | 4,500 | 7,375 | 7,375 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | - | 48 | | | | | 48 | 48 |
| External Debt | | | 2,827 | | | | 4,500 | 7,327 | 7,327 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 2,875 | - | - | - | 4,500 | - | 7,375 |
| Financed by: | | | | | | | | |
| Retained Earnings | | 48 | | | | | | 48 |
| External Debt | | 2,827 | | | | 4,500 | | 7,327 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The remaining capacity at the Brady Road Landfill is approximately 100-150 years. The landfill operation expands laterally by first excavating a below ground cell, and installing a leachate (landfill liquids) collection system at the base of the excavation. Filling with refuse then progresses within the cell in layers until the desired height above ground has been achieved, at which time the next cell is constructed. The excavated material is valuable for covering successive layers of refuse. Cell excavations will be required in 2010 and in 2014. The cost identified includes the cost of excavating and stockpiling excavated soil, and installation of a leachate collection system, including associated engineering.

The expected life of this facility is 50 years.

Project Name: **Brady Landfill Gas Capture Project**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

| AUTHORIZATION | Previous Budgets | 2009 Estimate | FORECAST 2010 | 2011 | 2012 | 2013 | 2014 | Five-Year Forecast Total | Six-Year Total |
|---|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | 150 | - | 8,900 | - | - | - | - | 8,900 | 8,900 |
| Financed by: | | | | | | | | | |
| Retained Earnings | | | | | | | | - | - |
| Provincial Funding | | | 4,450 | | | | | 4,450 | 4,450 |
| External Debt | | | 4,450 | | | | | 4,450 | 4,450 |

| CASH FLOW | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | Beyond 2014 | Total |
|---|---|---|---|---|---|---|---|---|
| Project Costs ($000's) | - | 8,900 | - | - | - | - | - | 8,900 |
| Financed by: | | | | | | | | |
| Retained Earnings | | | | | | | | - |
| Provincial Funding | | 4,450 | | | | | | 4,450 |
| External Debt | | 4,450 | | | | | | 4,450 |

| NET OPERATING IMPACT | 2009 | 2010 | 2011 |
|---|---|---|---|
| Revenue increase/(decrease) | | | |
| Less: | | | |
| Operating expenditures increase/(decrease) | | | |
| Debt and finance charges increase | | | |
| **SURPLUS/(DEFICIT)** | - | - | - |

***Note:*** *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City of Winnipeg is committed to reducing greenhouse gases through the Climate Change Action Plan as approved by Council in September 2006. Landfills emit greenhouse gases as a mixture of methane and carbon dioxide called Landfill Gas (LFG). This project will install a LFG recovery system that will reduce up to 97,000 tonnes of carbon dioxide equivalent per year from entering the atmosphere. There is potential for revenue from the sale of the recovered gas. The project includes installing a gas collection system, flare, improved final cover, and a 400m maintenance road access. This project is suitable as a private-public-partnership (P3). A P3 could also include other suitable LFG destruction or offset technologies.

The expected life of this asset is 20 years.

| **CAPITAL PROJECTS SUMMARY** *SERVICED BASED VIEW* **(in Thousands of $)** | **PRELIMINARY CAPITAL** | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Budget** | **Forecast** | | | | | **2009-2014 6 YEAR** |
| | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **TOTAL** |
| INFRASTRUCTURE RENEWAL AND PUBLIC WORKS | | | | | | | |
| Roadway Construction and Maintenance | **98,906** | **62,177** | **63,068** | **66,205** | **63,260** | **66,762** | **420,378** |
| Transportation Planning and Traffic Management | **5,711** | **3,800** | **3,250** | **3,350** | **3,450** | **3,550** | **23,111** |
| Roadway Snow Removal and Ice Control | **100** | | | | | | **100** |
| City Beautification | **900** | **1,300** | **1,300** | **1,300** | **1,300** | **1,300** | **7,400** |
| Land Drainage and Flood Control | **12,100** | **12,550** | **13,675** | **13,090** | **13,700** | **12,648** | **77,763** |
| Parks and Urban Forestry | **8,115** | **6,316** | **5,759** | **6,339** | **6,091** | **6,134** | **38,754** |
| Public Transit | **164,712** | **27,771** | **26,621** | **27,036** | **29,291** | **29,979** | **305,410** |
| Water | **22,382** | **18,500** | **18,925** | **24,675** | **16,100** | **13,500** | **114,082** |
| Wastewater | **122,147** | **122,100** | **224,630** | **208,566** | **135,025** | **55,329** | **867,797** |
| Solid Waste Collection & Disposal | **2,000** | **12,575** | **400** | **400** | | **4,700** | **20,075** |
| **Total Infrastructure Renewal and Public Works** | **437,073** | **267,089** | **357,628** | **350,961** | **268,217** | **193,902** | **1,874,870** |
| PROTECTION AND COMMUNITY SERVICES | | | | | | | |
| Police Response | **11,696** | **6,327** | **7,693** | **8,134** | **9,420** | **7,149** | **50,419** |
| Fire and Rescue Response | | **2,600** | | **840** | **850** | **858** | **5,148** |
| Recreation | **7,375** | **4,750** | **4,350** | **4,830** | **4,830** | **5,110** | **31,245** |
| Libraries | **1,500** | **5,500** | | **3,700** | **4,700** | **3,900** | **19,300** |
| Arts, Entertainment and Culture | **2,000** | **2,000** | **2,000** | **2,000** | **3,000** | **3,000** | **14,000** |
| Insect Control | **360** | **160** | | | | | **520** |
| Community Services - Other | **250** | **250** | **250** | | **250** | **250** | **1,250** |
| **Total Protection and Community Services** | **23,181** | **21,587** | **14,293** | **19,504** | **23,050** | **20,267** | **121,882** |
| PROPERTY AND DEVELOPMENT | | | | | | | |
| Neighbourhood Revitalization | **1,799** | **4,728** | **2,308** | **2,088** | **2,919** | **2,950** | **16,792** |
| Heritage Conservation | **500** | **400** | | **200** | **200** | **200** | **1,500** |
| Cemeteries | **400** | **400** | **300** | **200** | **200** | **200** | **1,700** |
| Property Asset Management | **6,992** | **5,725** | **2,425** | **3,649** | **4,675** | **4,755** | **28,221** |
| Planning Property and Development - Other | **112** | **200** | **200** | **200** | **200** | **200** | **1,112** |
| **Total Property and Development** | **9,803** | **11,453** | **5,233** | **6,337** | **8,194** | **8,305** | **49,325** |
| CITY GOVERNANCE | | | | | | | |
| Corporate | **4,082** | **9,182** | **9,268** | **9,146** | **7,926** | **9,278** | **48,882** |
| Council Services | **1,950** | **1,100** | **700** | **700** | **850** | **700** | **6,000** |
| **Total City Governance** | **6,032** | **10,282** | **9,968** | **9,846** | **8,776** | **9,978** | **54,882** |
| **TOTAL CAPITAL PROGRAM** | **476,089** | **310,411** | **387,122** | **386,648** | **308,237** | **232,452** | **2,100,959** |

| **CAPITAL PROJECTS SUMMARY**<br>***SERVICED BASED VIEW***<br>**(in Thousands of $)** | **DETAIL PAGE NO.** | **PRELIMINARY CAPITAL** | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | **Budget** | **Forecast** | | | | | **2009-2014 6 YEAR** |
| | | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **TOTAL** |
| **CAPITAL PROJECTS LISTING**<br>**SERVICE BASED VIEW** | | | | | | | | |
| **INFRASTRUCTURE RENEWAL AND PUBLIC WORKS** | | | | | | | | |
| ***Roadway Construction and Maintenance*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| New Regional Sidewalks | 3-1 | **250** | **250** | **250** | **250** | **250** | **250** | **1,500** |
| Active Transportation Corridors | 3-2 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Recreational Walkways and Bike Paths - Various Locations | 3-3 | **1,000** | **1,000** | **1,000** | **1,000** | **1,000** | **1,000** | **6,000** |
| Developer Payback - Various Locations | 3-5 | **9,950** | **250** | **5,500** | **12,171** | | | **27,871** |
| Kenaston Blvd - Academy Rd to Taylor Ave | 3-6 | | | **100** | **100** | **100** | **100** | **400** |
| Inkster Blvd - Keewatin St to Brookside Blvd | 3-8 | **15,232** | **15,770** | | | | | **31,002** |
| Regional and Local Streets | 3-9 | **42,169** | **28,595** | **42,909** | **30,213** | **43,968** | **44,212** | **232,066** |
| Sturgeon Rd Bridge (Sturgeon Creek) | 3-11 | | **1,000** | **1,033** | **10,977** | | | **13,010** |
| Osborne St Bridge (Assiniboine River) | 3-12 | **1,000** | **355** | **6,776** | **6,294** | | | **14,425** |
| Jubilee Ave Overpass (Pembina Hwy) | 3-13 | **896** | **7,638** | | | | | **8,534** |
| Waverley St / CN Mainline Grade Separation | 3-14 | | **1,119** | | | | | **1,119** |
| Louise Bridge (Red River) Replacement | 3-15 | | | | | **2,581** | **2,000** | **4,581** |
| Pembina Highway Underpass | 3-16 | | | **1,300** | | **7,000** | **6,000** | **14,300** |
| St. James Street Bridge (Omand's Creek) | 3-17 | | | | | **2,161** | | **2,161** |
| Ness Avenue Culvert (Sturgeon Creek) | 3-18 | | | | **1,000** | **2,000** | **8,000** | **11,000** |
| Waterway Crossing and Grade Separations - Annual Program | 3-19 | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **2,000** | **12,000** |
| Disraeli Bridge and Overpass Facility | 3-20 | **4,500** | **2,000** | | | | | **6,500** |
| Culvert Replacement Program - St. Matthews Ave (Omand's Creek) | 3-21 | **1,792** | | | | | | **1,792** |
| Fort Garry Bridge Rehabilitation and Widening | 3-22 | **7,840** | | | | | | **7,840** |
| Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd | 3-24 | **2,000** | | | | | | **2,000** |
| Kenaston Blvd - Waverley (re-alignment) to Waverley south of the Perimeter Highway | 3-25 | | | | | | **1,000** | **1,000** |
| Asset Management System - Various Divisions | 3-26 | | **100** | **100** | **100** | **100** | **100** | **500** |
| ***Assessment and Taxation*** | | | | | | | | |
| Local Improvements - Ongoing Program | 3-38 | **9,777** | **1,600** | **1,600** | **1,600** | **1,600** | **1,600** | **17,777** |
| ***Total Roadway Construction and Maintenance*** | | **98,906** | **62,177** | **63,068** | **66,205** | **63,260** | **66,762** | **420,378** |

| CAPITAL PROJECTS SUMMARY<br>*SERVICED BASED VIEW*<br>(in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL<br>Budget 2009 | Forecast<br>2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***Transportation Planning and Traffic Management*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| Traffic Signals Enhancement | 3-4 | **2,300** | **2,300** | **2,300** | **2,300** | **2,300** | **2,300** | **13,800** |
| Traffic Engineering Improvements - Various Locations | 3-7 | **750** | **850** | **950** | **1,050** | **1,150** | **1,250** | **6,000** |
| Land Acquisition - Transportation Right of Way - First Call on 2009 Capital Budget, Widening of Waverley (Council July 16, 2008) | 3-29 | **1,961** | | | | | | **1,961** |
| Winnipeg Transportation Strategy | 3-31 | **600** | **650** | | | | | **1,250** |
| ***Planning Property and Development*** | | | | | | | | |
| Riverbank Access Park and Dock Network | 3-75 | **100** | | | | | | **100** |
| ***Total Transportation Planning and Traffic Management*** | | **5,711** | **3,800** | **3,250** | **3,350** | **3,450** | **3,550** | **23,111** |
| ***Roadway Snow Removal and Ice Control*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| Sand / Salt Storage Facility | 3-28 | **100** | | | | | | **100** |
| ***Total Roadway Snow Removal and Ice Control*** | | **100** | | | | | | **100** |
| ***City Beautification*** | | | | | | | | |
| ***Planning, Property and Development*** | | | | | | | | |
| Downtown Enhancement Program | 3-72 | **400** | **400** | **400** | **400** | **400** | **400** | **2,400** |
| Image Route Enhancements / Streetscaping | 3-73 | | **400** | **400** | **400** | **400** | **400** | **2,000** |
| Public Art Strategy | 3-76 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| ***Total City Beautification*** | | **900** | **1,300** | **1,300** | **1,300** | **1,300** | **1,300** | **7,400** |

| **CAPITAL PROJECTS SUMMARY** *SERVICED BASED VIEW* (in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***Land Drainage and Flood Control*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| Land Drainage Sewers - Regional / Local Streets | 3-27 | | 150 | 150 | 150 | 150 | 150 | 750 |
| ***Water and Waste*** | | | | | | | | |
| Stormwater Retention Basin Rehabilitation | 3-132 | 200 | 200 | 200 | 400 | 400 | 400 | 1,800 |
| Flood Pumping Station Rehabilitation | 3-133 | 900 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,900 |
| Land Drainage and Combined Sewers Outfall Gate Structures | 3-134 | 1,450 | 1,450 | 1,450 | 1,500 | 1,500 | 1,500 | 8,850 |
| Floodplain Management | 3-135 | 200 | 500 | | | | | 700 |
| Seine River Waterway Acquisition | 3-136 | | 150 | 150 | 150 | 150 | 150 | 750 |
| Primary Dike Upgrading | 3-137 | | 300 | 1,500 | 1,390 | 1,500 | 948 | 5,638 |
| Land Drainage Safety Upgrading Program | 3-138 | | 200 | 100 | 200 | 200 | 200 | 900 |
| Land Drainage Asset Management Strategy | 3-139 | | | 200 | | | | 200 |
| Portable Flood Pumps | 3-140 | 250 | | | | | | 250 |
| Flood Equipment Storage Facility | 3-141 | 500 | | | | | | 500 |
| Combined Sewer Flood Relief | 3-142 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 43,200 |
| Flood Relief Sewers - Separate | 3-143 | 300 | 300 | 300 | 300 | 300 | 300 | 1,800 |
| Development Agreement Paybacks | 3-144 | 350 | 500 | | | 500 | | 1,350 |
| Fernbank Ave Land Drainage Sewer | 3-145 | | | 875 | | | | 875 |
| Outfall Rehabilitation | 3-146 | 750 | 600 | 550 | 800 | 800 | 800 | 4,300 |
| ***Total Land Drainage and Flood Control*** | | 12,100 | 12,550 | 13,675 | 13,090 | 13,700 | 12,648 | 77,763 |
| ***Parks and Urban Forestry*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| Reforestation - Improvements | 3-32 | 383 | 383 | 383 | 433 | 383 | 383 | 2,348 |
| Athletic Fields - Improvements | 3-33 | 200 | 200 | 200 | 200 | 200 | 200 | 1,200 |
| Parks - Improvements | 3-34 | 900 | 808 | 262 | 617 | 677 | 653 | 3,917 |
| Playground Structures | 3-35 | 1,750 | 1,750 | 1,750 | 1,800 | 1,800 | 1,800 | 10,650 |
| Pathway / Roadway / Tennis Court Upgrading | 3-36 | 150 | | | 150 | 150 | 150 | 600 |
| Community Park Amenities | 3-37 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 9,000 |
| ***Planning, Property and Development*** | | | | | | | | |
| Riverbank Greenway Programs | 3-70 | 178 | 385 | 403 | 551 | 381 | 448 | 2,346 |
| Developer Payback | 3-78 | 454 | 290 | 261 | 88 | | | 1,093 |
| Central Park Redevelopment | 3-79 | 1,000 | | | | | | 1,000 |
| Riverbank Stabilization Grant Program | 3-80 | 1,000 | | | | | | 1,000 |
| Riverbank Stabilization - Physical Asset Protection | 3-81 | 600 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,600 |
| ***Total Parks and Urban Forestry*** | | 8,115 | 6,316 | 5,759 | 6,339 | 6,091 | 6,134 | 38,754 |

| **CAPITAL PROJECTS SUMMARY** *SERVICED BASED VIEW* **(in Thousands of $)** | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***Public Transit*** | | | | | | | | |
| ***Transit*** | | | | | | | | |
| Transit Security Enhancements | 3-124 | **250** | **250** | | | | | **500** |
| Fare Collection System | 3-125 | **4,000** | **5,500** | | | | | **9,500** |
| Innovative Transit Program | 3-126 | **700** | **800** | **800** | **800** | **1,000** | **1,000** | **5,100** |
| Transit Building Replacement / Refurbishment | 3-127 | | **6,109** | **7,522** | **9,951** | **11,706** | **12,079** | **47,367** |
| Transit Buses | 3-128 | **14,403** | **15,112** | **18,299** | **16,285** | **16,585** | **16,900** | **97,584** |
| Southwest Rapid Transit Corridor - Stage 1 - First Call on 2009 Capital Budget, $67 million (Council October 22, 2008) | 3-129 | **138,000** | | | | | | **138,000** |
| Transit Improvements | 3-130 | **6,109** | | | | | | **6,109** |
| Transportation Authority Study | 3-131 | **1,250** | | | | | | **1,250** |
| ***Total Public Transit*** | | **164,712** | **27,771** | **26,621** | **27,036** | **29,291** | **29,979** | **305,410** |
| ***Water*** | | | | | | | | |
| ***Water and Waste - Waterworks System*** | | | | | | | | |
| Saskatchewan Avenue Feedermain | 3-147 | | | | | **3,800** | | **3,800** |
| Water Supervisory Control and Data Acquisition (SCADA) Upgrade | 3-148 | | | **1,800** | **2,900** | | | **4,700** |
| Shoal Lake Aqueduct Intake Structure Condition Assessment | 3-149 | **800** | **1,000** | | | | | **1,800** |
| Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement | 3-150 | **2,500** | | | | | | **2,500** |
| Shoal Lake Intake Chloramination Facility | 3-151 | | | **2,000** | | | | **2,000** |
| General Water Infrastructure Rehabilitation | 3-152 | | **300** | **300** | **300** | **300** | **500** | **1,700** |
| Waverley West Feedermain | 3-153 | **3,400** | | | **7,500** | | | **10,900** |
| Feedermain Condition Assessment and Rehabilitation | 3-154 | | | | | | **1,000** | **1,000** |
| Water Utility Asset Management Strategy | 3-155 | | **200** | | | | | **200** |
| Water Supply Valve Installation / Replacement Program | 3-156 | **1,500** | **1,500** | **1,500** | **750** | **750** | **750** | **6,750** |
| Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility) | 3-157 | | **700** | | | | | **700** |
| Hurst Pumping Station Building - Structural Repairs | 3-158 | | **1,000** | | | | | **1,000** |
| Chlorination Decommission at Regional Pump Stations | 3-159 | | **100** | | | | | **100** |
| Safety Upgrades - Isolation Valves at Valve and Meter Pits | 3-160 | **300** | **300** | | | | | **600** |
| Deacon Chemical Feed Facility Upgrading | 3-161 | | | **1,000** | | | | **1,000** |
| Regional Pumping Stations Structural Upgrades | 3-162 | | | **500** | | | | **500** |
| Safety Upgrades - Wilkes Reservoir "B" Pit | 3-163 | | | **600** | | | | **600** |
| Asbestos Containing Materials Operations & Maintenance Program | 3-164 | | **125** | **125** | **125** | | | **375** |
| Branch 1 Aqueduct at Seine River - Riverbank Stabilization | 3-165 | **200** | **1,000** | | | | | **1,200** |
| Regional Pumping Stations Reliability Upgrades | 3-166 | | | | **1,600** | **750** | **750** | **3,100** |
| Waterworks System Security Upgrades | 3-167 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Regulatory Assessments of Water System Infrastructure and Water Supply Sources | 3-168 | **750** | | | | | | **750** |
| Arc Flash Hazard Analysis and Remediation | 3-169 | **525** | | | | | | **525** |
| GIS Database Restructuring and Data Integrity Upgrades | 3-170 | **70** | | | | | | **70** |
| Environmental Services Laboratory Facility Upgrades - (NEWPCC) | 3-171 | **150** | | | | | | **150** |
| Customer Information and Services System Project (CISS) - Phase 2 | 3-172 | **512** | **1,025** | | | | | **1,537** |
| Cost of Service Rates Study | 3-173 | **250** | **150** | | | | | **400** |
| Municipal Corporate Utility Business Plan | 3-174 | **625** | | | | | | **625** |

| **CAPITAL PROJECTS SUMMARY**<br>***SERVICED BASED VIEW***<br>**(in Thousands of $)** | **DETAIL PAGE NO.** | **PRELIMINARY CAPITAL** | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | **Budget** | **Forecast** | | | | | **2009-2014 6 YEAR** |
| | | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **TOTAL** |
| ***Water (Continued)*** | | | | | | | | |
| Watermain Renewals | 3-175 | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **10,000** | **60,000** |
| Shoal Lake Aqueduct Asset Preservation | 3-176 | **300** | **600** | **600** | **1,000** | | | **2,500** |
| ***Total Water*** | | **22,382** | **18,500** | **18,925** | **24,675** | **16,100** | **13,500** | **114,082** |
| ***Wastewater*** | | | | | | | | |
| ***Water and Waste - Sewage Disposal*** | | | | | | | | |
| Lift Stations Upgrading | 3-177 | **750** | **750** | **750** | **750** | **750** | **750** | **4,500** |
| Inflow / Infiltration / Cross-Connection Study and Mitigation | 3-178 | | | | | | **2,000** | **2,000** |
| Sewer System Isolation in Areas Protected by Secondary Dikes | 3-179 | | | **500** | **1,000** | **1,000** | | **2,500** |
| Raw Sewage Pump Replacement - NEWPCC | 3-180 | | **2,550** | | | | | **2,550** |
| Waverley West Interceptor Sewer | 3-181 | **4,600** | | | | | | **4,600** |
| Upgrading External Power Supply - NEWPCC | 3-182 | | | | **6,000** | | | **6,000** |
| Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres (Formerly Septage Acceptance Facility - WPCC) | 3-183 | **2,150** | | | | | | **2,150** |
| Re-Roofing at Water Pollution Control Centres | 3-184 | | **400** | | **400** | | **400** | **1,200** |
| Centrifuge Replacement - NEWPCC | 3-185 | | | **9,500** | | | | **9,500** |
| River Crossings Monitoring and Rehabilitation | 3-186 | **2,300** | **1,300** | **1,300** | **1,300** | **1,300** | **1,300** | **8,800** |
| Asbestos Containing Materials Operations & Maintenance Program | 3-187 | | **125** | **125** | **125** | | | **375** |
| Digester Area Upgrades - NEWPCC | 3-188 | | **900** | | | | | **900** |
| Water Pollution Control Centre Reliability Upgrades | 3-189 | | **5,000** | **5,000** | | **5,000** | **5,000** | **20,000** |
| Wastewater System Security Upgrades | 3-190 | **500** | | | | | | **500** |
| HVAC Replacement - WEWPCC | 3-191 | **1,000** | | | | **4,000** | **5,000** | **10,000** |
| Traffic Safety Upgrades - NEWPCC | 3-192 | **200** | | | | **1,800** | | **2,000** |
| Holding Tanks Coating - NEWPCC | 3-193 | **100** | | | | **2,550** | | **2,650** |
| Primary Clarifier Covers - NEWPCC | 3-194 | | | | | **19,600** | | **19,600** |
| Wastewater Utility Asset Management Strategy | 3-195 | **200** | **200** | | | | | **400** |
| GIS Database Restructuring and Data Integrity Upgrades | 3-196 | **70** | | | | | | **70** |
| Laboratory Facility Upgrades - (NEWPCC) | 3-197 | **150** | | | | | | **150** |
| Customer Information and Services System project (CISS) - Phase 2 | 3-198 | **512** | **1,025** | | | | | **1,537** |
| Cost of Service Rates Study | 3-199 | **250** | **150** | | | | | **400** |
| New Discharge Chamber - (NEWPCC) | 3-200 | **500** | | | **15,000** | | | **15,500** |
| New Surgewell - (NEWPCC) | 3-201 | **1,000** | **4,000** | **9,000** | | | | **14,000** |
| Grit Handling Upgrades - (NEWPCC) | 3-202 | | | **11,700** | | | | **11,700** |
| Municipal Corporate Utility Business Plan and Strategic Partner Development | 3-203 | **3,625** | | | | | | **3,625** |
| Environmental Impact Statement and Public Hearings | 3-204 | **100** | **100** | **200** | **200** | **100** | **100** | **800** |
| Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation | 3-205 | **7,000** | **8,000** | **9,000** | **9,000** | **10,000** | **10,000** | **53,000** |
| Biosolids - Alternative Disposal Delivery & Management System | 3-206 | **4,350** | | **14,955** | **12,191** | **11,325** | **18,179** | **61,000** |
| Effluent Disinfection and Nutrient Removal - WEWPCC | 3-207 | **4,190** | | | | | | **4,190** |
| Nutrient Removal / Expansion - SEWPCC | 3-208 | **73,000** | **64,000** | | | | | **137,000** |
| Nutrient Removal - NEWPCC | 3-210 | | **21,000** | **150,000** | **150,000** | **65,000** | | **386,000** |
| Sewer Renewal | 3-211 | **15,600** | **12,600** | **12,600** | **12,600** | **12,600** | **12,600** | **78,600** |
| ***Total Wastewater*** | | **122,147** | **122,100** | **224,630** | **208,566** | **135,025** | **55,329** | **867,797** |

| **CAPITAL PROJECTS SUMMARY** *SERVICED BASED VIEW* (in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***Solid Waste Collection & Disposal*** | | | | | | | | |
| ***Water and Waste - Solid Waste Disposal*** | | | | | | | | |
| Summit Landfill Closure / Post-Closure | 3-212 | **200** | **400** | **400** | **400** | | | **1,400** |
| Miscellaneous Land Acquisition | 3-213 | **350** | | | | | **200** | **550** |
| Organics Diversion Program Expansion | 3-214 | **200** | | | | | | **200** |
| Environmental Act Licence for Brady Landfill | 3-215 | | **400** | | | | | **400** |
| Brady Landfill Staff Building | 3-216 | **1,250** | | | | | | **1,250** |
| Landfill Cell Excavation | 3-217 | | **2,875** | | | | **4,500** | **7,375** |
| Brady Landfill Gas Capture Project | 3-218 | | **8,900** | | | | | **8,900** |
| ***Total Solid Waste Collection & Disposal*** | | **2,000** | **12,575** | **400** | **400** | | **4,700** | **20,075** |
| **TOTAL INFRASTRUCTURE RENEWAL AND PUBLIC WORKS** | | **437,073** | **267,089** | **357,628** | **350,961** | **268,217** | **193,902** | **1,874,870** |
| **PROTECTION AND COMMUNITY SERVICES** | | | | | | | | |
| ***Police Response*** | | | | | | | | |
| ***Winnipeg Police Service*** | | | | | | | | |
| Police Headquarters Renovations | 3-54 | | **1,452** | | | | | **1,452** |
| Replace Voice 2-Way Radio System | 3-55 | **6,298** | | | | | | **6,298** |
| Wireless Emergency 911 Upgrade | 3-56 | | **260** | | | | | **260** |
| Automated Fingerprint Identification System (AFIS) Replacement | 3-57 | | | **500** | | | | **500** |
| Police Priority Dispatch System | 3-58 | | **427** | | | | | **427** |
| Outdoor Shooting Range | 3-59 | **896** | | | | | | **896** |
| Central Processing Unit | 3-60 | | **4,188** | | | | | **4,188** |
| Identification Unit - Forensic Services | 3-61 | **768** | | | **7,611** | **8,220** | | **16,599** |
| Winnipeg Police Service Communications | 3-62 | | | **7,193** | | | | **7,193** |
| Digital Recording - Interview Rooms | 3-63 | | | | **523** | | | **523** |
| Information Systems - Unified Management, Storage, and Archiving System | 3-64 | | | | | | **593** | **593** |
| Mobile Laptops | 3-65 | | | | | **1,200** | | **1,200** |
| Evidence Control Building | 3-66 | | | | | | **6,556** | **6,556** |
| Police Building Replacement | 3-67 | **3,734** | | | | | | **3,734** |
| ***Total Police Response*** | | **11,696** | **6,327** | **7,693** | **8,134** | **9,420** | **7,149** | **50,419** |
| ***Fire and Rescue Response*** | | | | | | | | |
| ***Fire Paramedic Service*** | | | | | | | | |
| Facilities Replacement and Relocation Program | 3-68 | | **2,600** | | **840** | **850** | **858** | **5,148** |
| ***Total Fire Paramedic Service*** | | | **2,600** | | **840** | **850** | **858** | **5,148** |

| **CAPITAL PROJECTS SUMMARY** *SERVICED BASED VIEW* (in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL Budget 2009 | Forecast 2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| ***Recreation*** | | | | | | | | |
| ***Community Services Department*** | | | | | | | | |
| Recreational Facility Safety & Accessibility Improvements | 3-48 | **600** | **300** | | **400** | **400** | **500** | **2,200** |
| New Recreation and Leisure Facility Equipment Program | 3-50 | **400** | | | | | | **400** |
| ***Building Services*** | | | | | | | | |
| Community Centres - Refurbishing and Improvements | 3-100 | **500** | **500** | **500** | **500** | **500** | **500** | **3,000** |
| Arenas | 3-101 | **525** | **525** | **525** | **525** | **525** | **525** | **3,150** |
| Indoor Aquatic Facilities | 3-102 | **2,450** | **2,450** | **2,450** | **2,530** | **2,530** | **2,530** | **14,940** |
| Outdoor Aquatic Facilities | 3-103 | **250** | **350** | **350** | **350** | **350** | **330** | **1,980** |
| Community Facilities | 3-104 | **200** | **200** | **200** | **200** | **200** | **200** | **1,200** |
| Fire / Life Safety Replacement / Asbestos Abatement | 3-105 | **225** | **225** | **225** | **225** | **225** | **225** | **1,350** |
| UFF - Hockey Pen Light Standard Replacement | 3-108 | **100** | **100** | **100** | **100** | **100** | **300** | **800** |
| Recreation and Leisure Facilities | 3-109 | **2,125** | **100** | | | | | **2,225** |
| ***Total Recreation*** | | **7,375** | **4,750** | **4,350** | **4,830** | **4,830** | **5,110** | **31,245** |
| ***Libraries*** | | | | | | | | |
| ***Community Services Department*** | | | | | | | | |
| Library Replacement - Various | 3-40 | **1,000** | **5,000** | | **3,000** | **3,000** | **2,000** | **14,000** |
| Library Shelving and Furniture Replacement Program | 3-41 | **500** | | | **200** | **500** | **200** | **1,400** |
| Renovate and Refurbish Various Library Branches | 3-45 | | | | **300** | **1,000** | **1,000** | **2,300** |
| Library Technology Upgrade and Replacement | 3-47 | | **500** | | | | **500** | **1,000** |
| Library Signage, Safety and Accessibility | 3-49 | | | | **200** | **200** | **200** | **600** |
| ***Total Libraries*** | | **1,500** | **5,500** | | **3,700** | **4,700** | **3,900** | **19,300** |
| ***Arts, Entertainment and Culture*** | | | | | | | | |
| ***Community Services Department*** | | | | | | | | |
| Assiniboine Park Amenities Improvements / Development | 3-53 | **2,000** | **2,000** | **2,000** | **2,000** | **3,000** | **3,000** | **14,000** |
| ***Total Arts, Entertainment and Culture*** | | **2,000** | **2,000** | **2,000** | **2,000** | **3,000** | **3,000** | **14,000** |

| CAPITAL PROJECTS SUMMARY<br>*SERVICED BASED VIEW*<br>(in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Budget | Forecast | | | | | 2009-2014 6 YEAR |
| | | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | TOTAL |
| ***Insect Control*** | | | | | | | | |
| ***Community Services Department*** | | | | | | | | |
| Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package | 3-43 | **160** | **160** | | | | | **320** |
| Insect Control - Secure Yard | 3-44 | **200** | | | | | | **200** |
| ***Total Insect Control*** | | **360** | **160** | | | | | **520** |
| ***Community Services - Other*** | | | | | | | | |
| Imaging and Document Management | 3-46 | **250** | **250** | **250** | | | | **750** |
| Business Application Systems | 3-51 | | | | | **250** | | **250** |
| Technology Upgrade and Replacement | 3-52 | | | | | | **250** | **250** |
| ***Total Community Services - Other*** | | **250** | **250** | **250** | | **250** | **250** | **1,250** |
| **TOTAL PROTECTION AND COMMUNITY SERVICES** | | **23,181** | **21,587** | **14,293** | **19,504** | **23,050** | **20,267** | **121,882** |
| **PROPERTY AND DEVELOPMENT** | | | | | | | | |
| ***Neighbourhood Revitalization*** | | | | | | | | |
| ***Public Works*** | | | | | | | | |
| City-Wide Accessibility Program | 3-30 | **350** | **350** | **350** | **350** | **350** | **350** | **2,100** |
| ***Community Services Department*** | | | | | | | | |
| Community Incentive Grant Program | 3-39 | **1,449** | **1,478** | **1,508** | **1,538** | **1,569** | **1,600** | **9,142** |
| Integrated Property Based Information Systems | 3-42 | | **250** | **250** | | | | **500** |
| ***Planning, Property and Development*** | | | | | | | | |
| Building Communities | 3-82 | | **2,650** | **200** | **200** | **1,000** | **1,000** | **5,050** |
| ***Total Neighourhood Revitalization*** | | **1,799** | **4,728** | **2,308** | **2,088** | **2,919** | **2,950** | **16,792** |
| ***Heritage Conservation*** | | | | | | | | |
| ***Civic Accommodations*** | | | | | | | | |
| Historic Building Stabilization | 3-92 | **500** | **400** | | **200** | **200** | **200** | **1,500** |
| ***Total Heritage Conservation*** | | **500** | **400** | | **200** | **200** | **200** | **1,500** |
| ***Cemeteries*** | | | | | | | | |
| ***Planning, Property and Development*** | | | | | | | | |
| Cemeteries - Improvements | 3-71 | **400** | **400** | **300** | **200** | **200** | **200** | **1,700** |
| ***Total Cemeteries*** | | **400** | **400** | **300** | **200** | **200** | **200** | **1,700** |

| **CAPITAL PROJECTS SUMMARY**<br>***SERVICED BASED VIEW***<br>**(in Thousands of $)** | **DETAIL PAGE NO.** | **PRELIMINARY CAPITAL** | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | **Budget** | **Forecast** | | | | | **2009-2014 6 YEAR** |
| | | **2009** | **2010** | **2011** | **2012** | **2013** | **2014** | **TOTAL** |
| ***Property Asset Management*** | | | | | | | | |
| ***Planning, Property and Development*** | | | | | | | | |
| Land Acquisition for General Unspecified Purposes | 3-77 | | **200** | **300** | **400** | **400** | **400** | **1,700** |
| ***Civic Accommodations*** | | | | | | | | |
| General Building Renovation and Refurbishing | 3-83 | | **500** | **500** | **500** | **500** | **500** | **2,500** |
| Civic Buildings - Barrier Free Access | 3-84 | | | **300** | **300** | | **230** | **830** |
| Removal of Asbestos | 3-85 | **100** | **300** | **100** | **124** | **100** | **500** | **1,224** |
| Roof Replacement | 3-86 | **500** | **800** | **200** | **200** | **250** | **400** | **2,350** |
| Fire Safety Upgrading - Various Locations | 3-87 | **200** | **500** | **200** | **200** | **200** | **400** | **1,700** |
| Police Headquarters | 3-88 | **5,367** | | | | | | **5,367** |
| Energy Conservation | 3-89 | | **300** | | **200** | | **200** | **700** |
| Civic Centre Car Park Tunnel | 3-90 | | | | **200** | | | **200** |
| Tenant Improvement Prepayment - Major Department | 3-91 | | | | **500** | | **500** | **1,000** |
| Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades | 3-93 | | **900** | | **200** | **500** | **500** | **2,100** |
| Building Envelope - Evaluation and Emergency Repair | 3-94 | **500** | **1,000** | | **200** | | **200** | **1,900** |
| Elevator and Escalator Repair | 3-95 | | **800** | **400** | **200** | **300** | **300** | **2,000** |
| 510 Main Street - Generator Set Replacement | 3-96 | | | | | **1,600** | | **1,600** |
| Surface Parking Lot Repairs | 3-97 | | **200** | **200** | **200** | **200** | **200** | **1,000** |
| Generator Set Replacement and Upgrades | 3-98 | | | | | **200** | | **200** |
| Electrical Distribution System Upgrades | 3-99 | | | | | **200** | | **200** |
| ***Building Services*** | | | | | | | | |
| Security / Building Automation Systems Initiatives | 3-106 | **125** | **125** | **125** | **125** | **125** | **225** | **850** |
| Building Asset / Work Management Program | 3-107 | **200** | **100** | **100** | **100** | **100** | **200** | **800** |
| ***Total Property Asset Management*** | | **6,992** | **5,725** | **2,425** | **3,649** | **4,675** | **4,755** | **28,221** |
| ***Planning Property and Development - Other*** | | | | | | | | |
| Computer Automation | 3-69 | | **200** | **200** | **200** | **200** | **200** | **1,000** |
| Expand Property Management and Integrate with Public Works Work Management System | 3-74 | **112** | | | | | | **112** |
| ***Total Planning Property and Development - Other*** | | **112** | **200** | **200** | **200** | **200** | **200** | **1,112** |
| **TOTAL PROPERTY AND DEVELOPMENT** | | **9,803** | **11,453** | **5,233** | **6,337** | **8,194** | **8,305** | **49,325** |

| CAPITAL PROJECTS SUMMARY<br>*SERVICED BASED VIEW*<br>(in Thousands of $) | DETAIL PAGE NO. | PRELIMINARY CAPITAL<br>Budget 2009 | Forecast<br>2010 | 2011 | 2012 | 2013 | 2014 | 2009-2014 6 YEAR TOTAL |
|---|---|---|---|---|---|---|---|---|
| **CITY GOVERNANCE** | | | | | | | | |
| ***Corporate*** | | | | | | | | |
| ***Corporate Support Services*** | | | | | | | | |
| E-Government | 3-116 | **150** | **528** | **535** | **617** | **629** | **705** | **3,164** |
| Communications Network Infrastructure | 3-117 | **92** | **633** | **638** | **643** | **277** | **641** | **2,924** |
| Network Computing Initiatives | 3-118 | **216** | **209** | **211** | **213** | **213** | **212** | **1,274** |
| PeopleSoft Upgrade | 3-119 | | | **1,500** | **1,000** | **500** | **646** | **3,646** |
| Data Warehouse / Business Intelligence | 3-120 | **125** | **520** | **200** | | **169** | **203** | **1,217** |
| ***Property Assessment*** | | | | | | | | |
| Assessment Automation | 3-121 | **500** | **1,000** | | **500** | | | **2,000** |
| ***Corporate*** | | | | | | | | |
| Innovative Capital | 3-122 | **2,999** | **154** | **46** | **35** | | **733** | **3,967** |
| Capital Investment Fund | 3-123 | | **6,138** | **6,138** | **6,138** | **6,138** | **6,138** | **30,690** |
| ***Total Corporate*** | | **4,082** | **9,182** | **9,268** | **9,146** | **7,926** | **9,278** | **48,882** |
| ***Council Services*** | | | | | | | | |
| ***City Clerks*** | | | | | | | | |
| Office Automation | 3-110 | **200** | | **200** | | **200** | | **600** |
| Corporate Records Centre | 3-111 | | | | **200** | | | **200** |
| Election Systems | 3-112 | **150** | **150** | | | **150** | **200** | **650** |
| Voting Machine Replacement | 3-113 | **1,500** | **250** | | | | | **1,750** |
| City Archives | 3-114 | | **500** | **500** | **500** | **500** | **500** | **2,500** |
| Security for Council Building | 3-115 | **100** | **200** | | | | | **300** |
| ***Total Council Services*** | | **1,950** | **1,100** | **700** | **700** | **850** | **700** | **6,000** |
| **TOTAL CITY GOVERNANCE** | | **6,032** | **10,282** | **9,968** | **9,846** | **8,776** | **9,978** | **54,882** |
| **TOTAL CAPITAL PROGRAM - SERVICE BASED VIEW** | | **476,089** | **310,411** | **387,122** | **386,648** | **308,237** | **232,452** | **2,100,959** |

# Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

| Priority Groupings | | Priority Points Main | Sub |
|---|---|---|---|
| **A.** | **Vital Services**<br>Those basic elements of essential services which are vital to the day to day domestic, industrial, and commercial life of the City. Capital expenditures within this group would be related to:<br>1. Sewage Disposal Collection System and treatment facilities.<br>2. Water aqueduct reservoirs, pumping stations and trunk feedermains | 5 | |
| **B.** | **Essential Services**<br>Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to:<br>1. Public Transportation<br>2. Fire and Police Protection<br>3. Garbage Collection and Disposal<br>4. Regional Street System<br>5. Land Drainage | 3 | |
| **C.** | **Standard Services**<br>Those services which would reasonably be expected to be provided to all citizens of the City for their convenience and in accordance with generally accepted standards. Capital expenditures within this group would be related to:<br>1. Residential Street and Lane Construction (Local Improvements or other). | 2 | |

| Priority Groupings | | Priority Points Main | Sub |
|---|---|---|---|
| **D.** | **Desirable Services**<br>Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to:<br><br>1. Parks and Related Facilities<br>2. Recreational Facilities<br>3. Libraries<br>4. Museums | 1 | |
| | **Sub-Group Rating** | | |
| | Could cause a serious imminent disruption of service (should be done without undue delay). | | 4 |
| | Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year). | | 3 |
| | Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years) | | 2 |
| | Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more). | | 1 |

**Note:** A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.