Winnipeg



2008
Preliminary Capital Budget

2009 to 2013
Five Year Forecast



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

November 22, 2007

TO ALL MEMBERS OF COUNCIL:

Re: Preliminary 2008 Capital Budget
- and the -
2009 to 2013 Five Year Forecast

We are very pleased to submit this Preliminary Capital Investment Plan for the City of Winnipeg for the years 2008 to 2013.

The development of this capital investment plan has been the most challenging in recent years. Due to record construction inflation levels, the City has had to take unprecedented steps. A complete review of capital authorizations and capital spending over the past several years has been conducted. A fundamental overhaul of how we budget has been necessary. By quantifying and cumulating prior years' tax supported surplus balances of $10.5 million, we have been able to reallocate necessary funds to meet current day capital requirements. In addition, the City will now be setting aside a Capital Investment Fund to respond to ongoing and future inflationary pressures, with spending authority to be delegated to the Standing Policy Committee on Finance. As well, we have asked the Chief Financial Officer to report semi-annually on the status of capital projects.

Adding to the difficult task for this capital budget is the underlying infrastructure deficit that continues, not only in our City, but in cities across the country. Focussed on safety, sustainability, and results, this Capital Budget continues to invest in priority road, bridge and other infrastructure projects. Public-private partnerships (P3s) included in this budget continue to provide opportunity to accelerate projects and maximize program outcomes for the citizens of Winnipeg.

This 6 year plan authorizes over $2 billion in work on City capital projects, including $535 million for streets and bridges. The City's commitment to the Disraeli Bridge renewal, a new eastern extension of Chief Peguis Trail, improved traffic signals and important investments in Recreational Walkways and Bike Paths is again demonstrated in this capital plan.

The City of Winnipeg remains committed to pay-as-you-go financing in the tax-supported capital budget. Our "Cash to Capital" investment is $61.5 million in 2008 – up $2 million from 2007, and is budgeted to grow by a further $2 million annually.

The multi-year plan invests $78 million for public safety infrastructure. The first new police station under an ambitious multi-station plan is now under construction as a result of a successful P3 arrangement recently authorized. The P3 approach is planned for the new north and west district police stations included in future years of this capital forecast. Improving our Police Service remains an ongoing priority in this capital plan.

Building on previous budgets, the City continues to reinvest in communities and enhance our services. Over the 6 year view, $20 million is included for new recreation and leisure facilities, $10.6 million for playgrounds, $9 million for Community Park Amenities, $11 million for Assiniboine Park and $4.9 million is included for the new 311 customer service initiative.

This 6 year capital plan also includes $888 million in sewer utility projects, partly to meet the cost of complying with Clean Environment Commission requirements. Further funding negotiations will be required with the other levels of government to facilitate successful goals and strategies for a sustainable future.

The City of Winnipeg recognizes that our Federal and Provincial government counterparts, in a climate of positive intergovernmental partnerships, have made significant investments in this preliminary budget. Over the length of the capital plan, Federal contributions include $225 million from the Federal Gas Tax, recognizing an agreement extension beginning in 2010. Provincial support includes the ongoing Manitoba Winnipeg Infrastructure Program and the Building Manitoba Fund as well as $154 million in budgeted funding over the 6 year plan for road improvements. The City will work with the Province to select projects for funding in these partnerships from priorities included in the City's capital budget.

We are pleased to have a draft capital budget which addresses our City's priorities in spite of the daunting construction inflation environment we face. We remain committed to an ambitious timeline for approval of this budget before year end in order to fully maximize results for the next construction season. We invite Councillors and citizens to contribute to and finalize this plan over the next several weeks.

Respectfully submitted,

Sam Katz,
Mayor

Mike O'Shaughnessy, Chairperson,
Standing Policy Committee on Finance

RECOMMENDATIONS

1. a) That the 2008 Capital Budget totalling $421,499,000 requiring borrowing authority totalling $40,688,000 for the Sewer System and Local Improvements be reviewed and submitted to Council for adoption; and

   b) That the 2009 to 2013 Five Year Capital Forecast also be reviewed and submitted to Council for adoption.

2. That, in recognition of the recent extension of the Federal Gas Tax Funding, lease payments on tax supported public private partnerships be funded annually up to a maximum of 30% of the cash to capital contribution in the operating budget and the federal gas tax.

3. That the Public Service pursue the Private Public Partnership opportunities as presented in the budget and undertake appropriate due diligence to make recommendation on this approach to Council for each project.

4. That the tax supported cash to capital contribution be as follows:

Year	$ Millions
2008	61.478
2009	63.478
2010	65.478
2011	67.478
2012	69.478
2013	71.478

5. 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 Capital Budget.

6. That the City work with the Province to finalize the necessary agreement(s) for the extension of the Federal Gas Tax Funding beyond 2009.

7. That $10.5 million in prior years' tax supported capital surplus identified in the recent capital review be transferred to fund such 2008 tax supported capital projects in the 2008 Capital Budget as the Chief Financial Officer may approve.

8. That all other transfers from utility operations, reserves and other funds outlined in the capital budget be approved, with cash flows to be determined by the Chief Financial Officer.

9. That the City request that the Province of Manitoba and the Government of Canada enter into a new multi-year cost-sharing agreement to fund sewer and wastewater treatment projects resulting from the Clean Environment Commission recommendations of August, 2003, in compliance with the Clean Environment Commission's Recommendation 15 of their Report, which states that:

   "...The estimated costs to upgrade Winnipeg's wastewater collection and treatment systems to achieve a better level of treatment and thereby improve water quality constitute a significant cost burden to a municipal level of government. Municipal governments have many competing priorities for funding and do not have access to the growth revenues of provincial and federal governments...

   The commission believes that the senior levels of government should assist with the cost of achieving improved nutrient management and other water quality enhancement measures. Ideally, the funding formula of one-third municipal, one-third provincial and one-third federal should be used."

   (Manitoba Clean Environment Commission, Better Treatment: Taking Action to Improve Water Quality, August, 2003, Recommendation 15, Page 60)

10. That the Chief Financial Officer, in conjunction with the Director of Water and Waste, be delegated the authority to redistribute capital financing sources (reserve, retained earnings, other government funding) for the Water Treatment Plant and environmental projects, prior to utilizing debt financing in order to ensure the most effective timing and use of funding. The total debt authorizations and approved funding levels are not to be exceeded.

11. That the Chief Financial Officer be given the authority to redistribute federal gas tax revenue, cash to capital, and other financing sources as sources of financing for approved capital projects, provided the total approved financing is not exceeded, to ensure the most effective use of federal gas tax revenues and any other financing sources.

12. That the fund manager of the Federal Gas Tax Revenue Reserve be changed to the Director of Public Works effective January 1, 2008.

13. That Council's policy be amended with respect to back lanes and granular surface roadways to the extent necessary to accomplish the priority renewal and rehabilitation programs as outlined in this budget for 2008; and, that Council undertake to review local improvement policies and requirements relating to roads, back lanes and similar infrastructure needs before year end 2008 and consider proposals for potential reform.

14. That budgeted expenditures for the Public Safety Building Recladding project, related "decanting" projects, and the Identification Unit - Forensic Services project be subject to review by the Chief Financial Officer to examine alternatives including (but not limited to) recladding strategies, and/or the construction of a new facility financed partly by offsetting reductions in space leased by the Police Service, and cancellations of related decanting projects.

15. That, before March 31, 2008, the Chief Administrative Officer report to the Standing Policy Committee on Finance on:

    a) The use of alternative forms of financing for City infrastructure, including tax increment financing, where this would generate a specific and significant tax benefit to the City as a direct result of completing the financed project(s); and
    b) An appropriate process by which such projects could be introduced as an amendment to the 2008 Capital Budget, and/or included in future budgets.

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

17. 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.

OVERVIEW

Preliminary 2008 Capital Budget

and

2009 to 2013

Five Year Capital Forecast



Executive Policy Committee
November 22, 2007

Winnipeg

BALANCING...

Infrastructure deficit/ Protecting the environment

Affordability



Winnipeg

HIGHLIGHTS

- **Capital investment plan:**
  - **$2.1 billion over the next 6 years**
  - **$421.5 million in 2008**
  - **Focus on investment in roads and bridges, sewer systems, public safety infrastructure, and community recreation and park amenities**
- **Public Private Partnership opportunities**
- **Government partnerships**
- **Cash to Capital $61.5 million in 2008 and growing annually**

Winnipeg

AREAS OF MAJOR CAPITAL INVESTMENT

The six year plan includes:

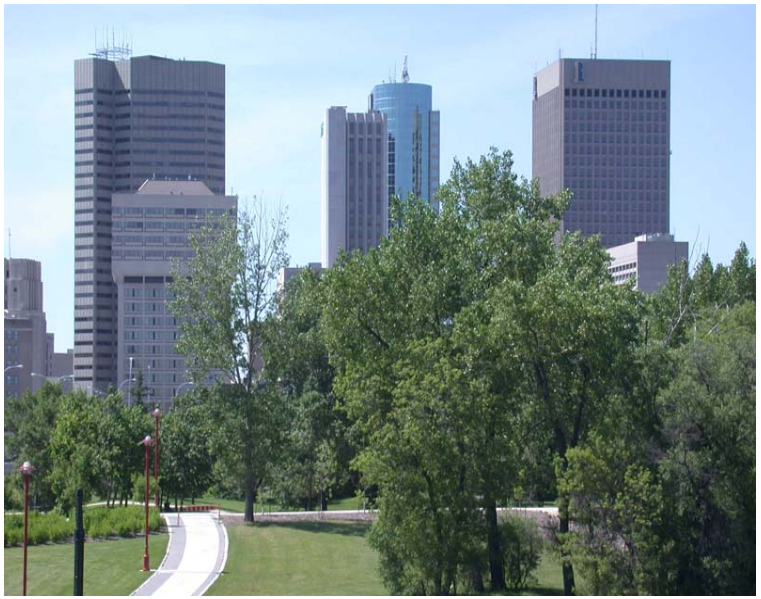
- **$888 million for sewage disposal projects**
- **$535 million for roads and bridges**
- **$112 million for the water system**
- **$150 million for the transit system**
- **$79 million for land drainage and flood control**
- **$78 million for public safety and infrastructure**
- **$20 million to complete the implementation of the recreation and leisure facilities initiative**



Winnipeg

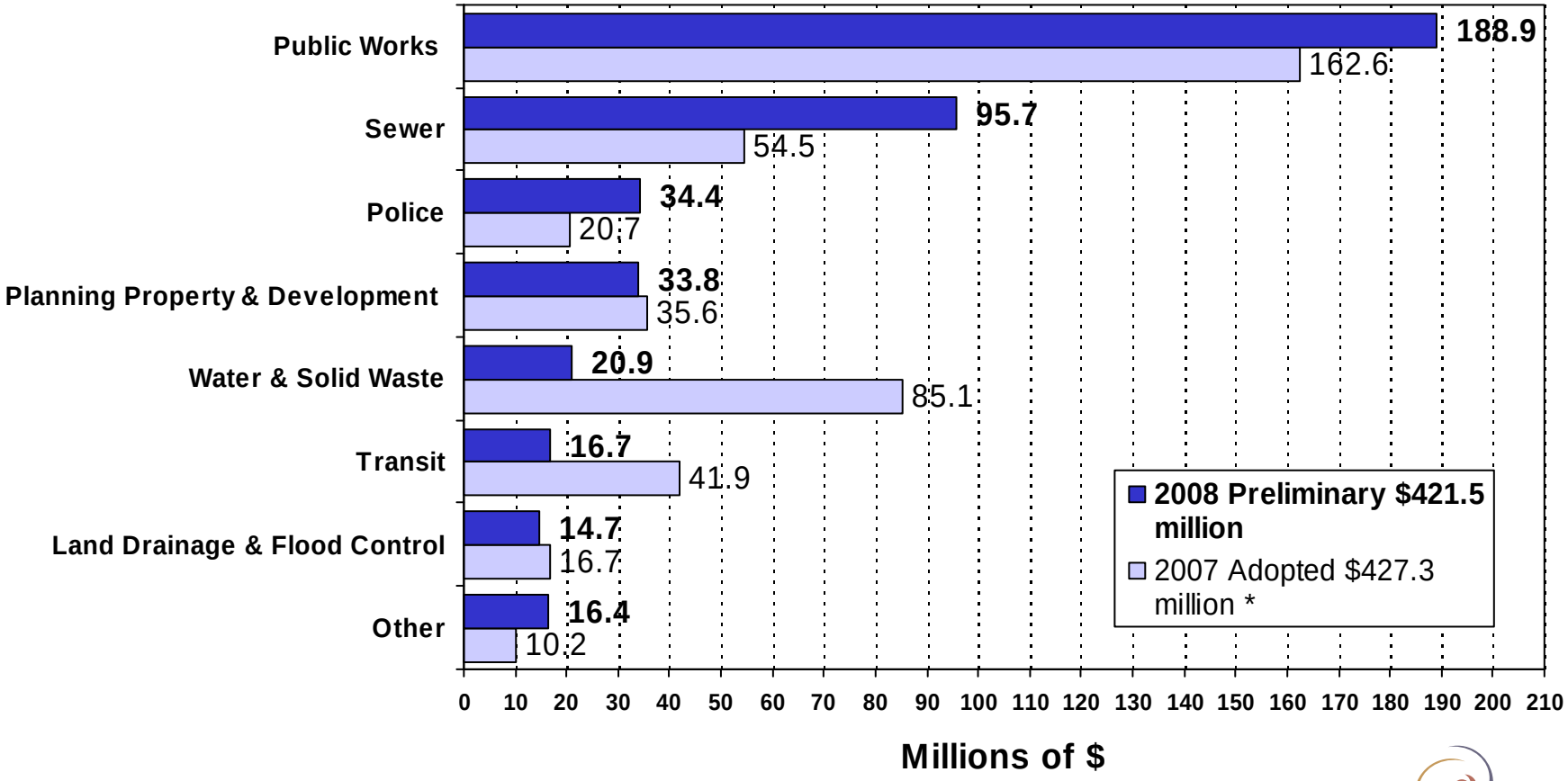
PROTECTING OUR ENVIRONMENT

- **Upgrades for wastewater collection and treatment**
- **Combined sewer overflow management**
- **Land drainage and flood protection**
- **Transit improvements**
- **Recreational walkways and bike paths**
- **Reforestation**



Winnipeg

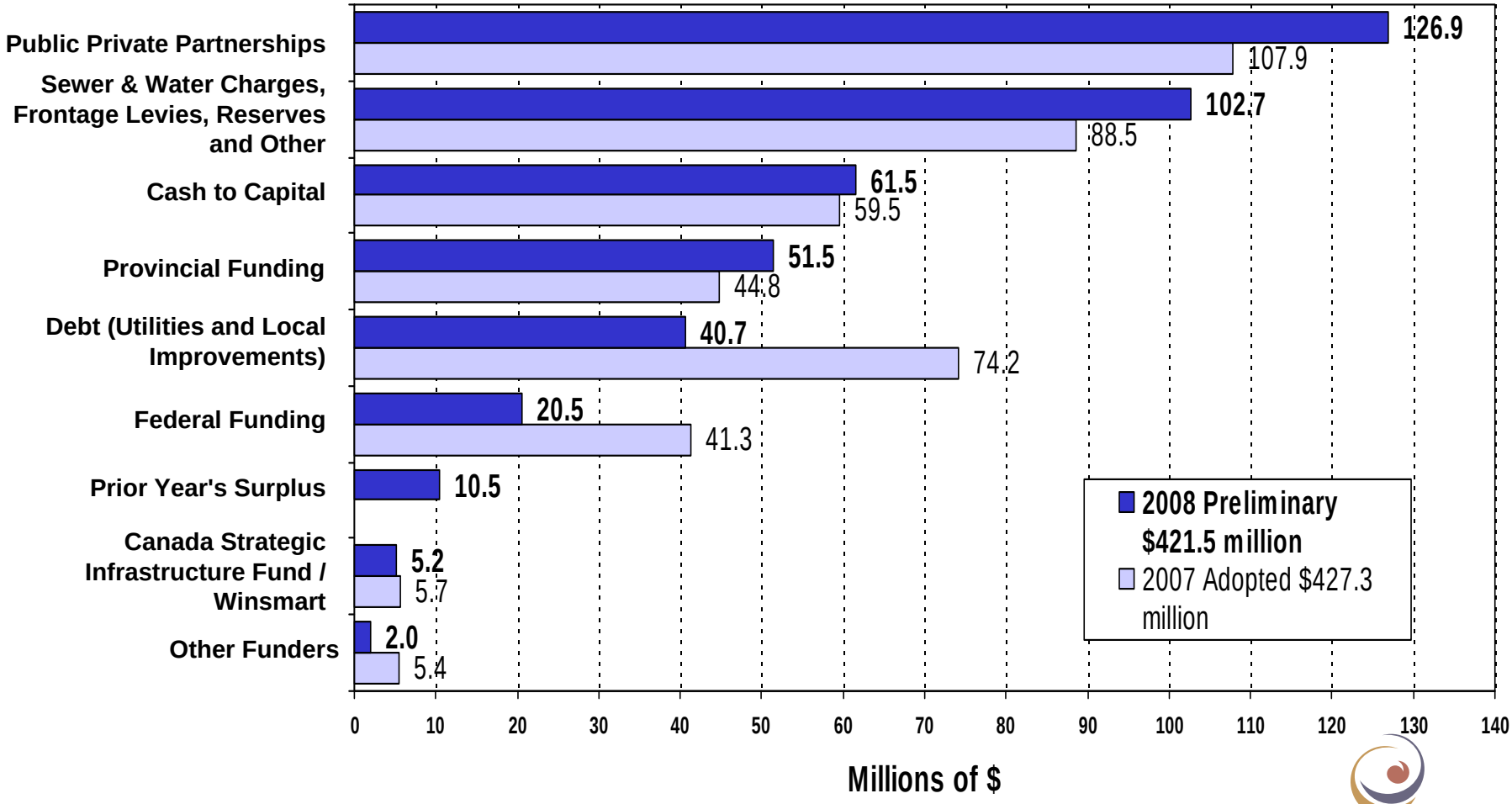
CAPITAL PROJECTS (Authorizations)



* Restated

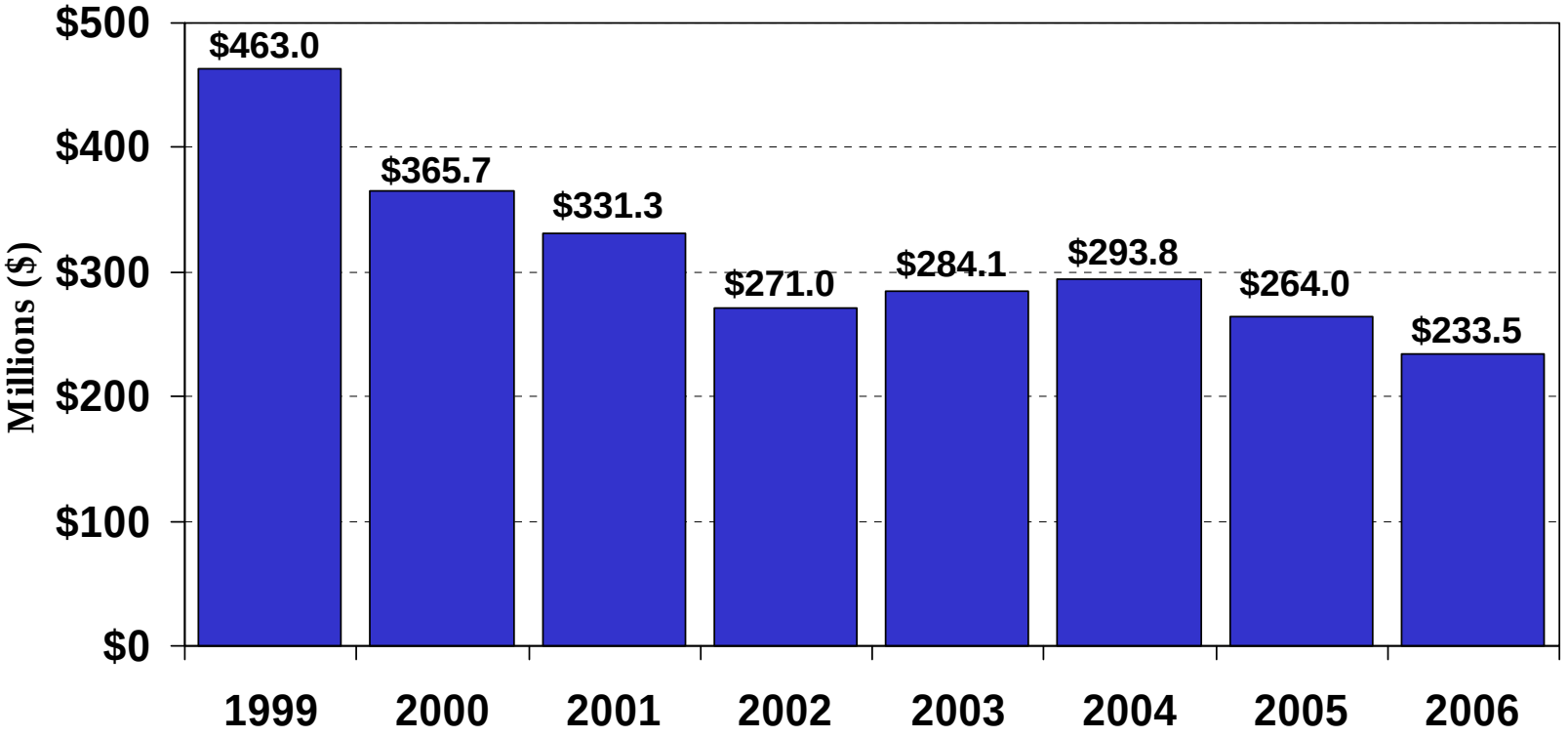
Winnipeg

CAPITAL FINANCING



Winnipeg

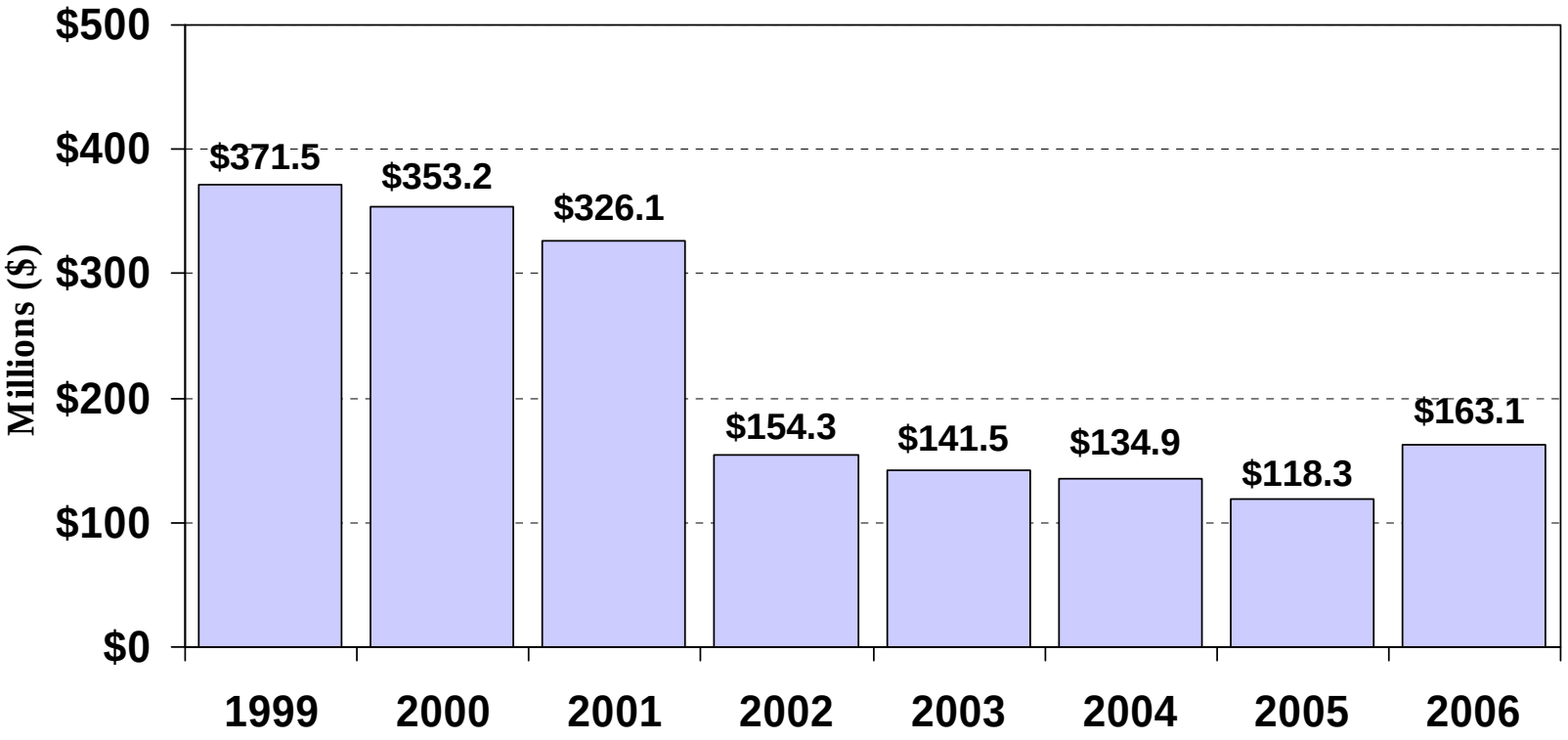
TAX SUPPORTED NET DEBENTURE DEBT



Notes: Tax supported net debenture debt decreased by 49.6% from 1999 to 2006.

Winnipeg

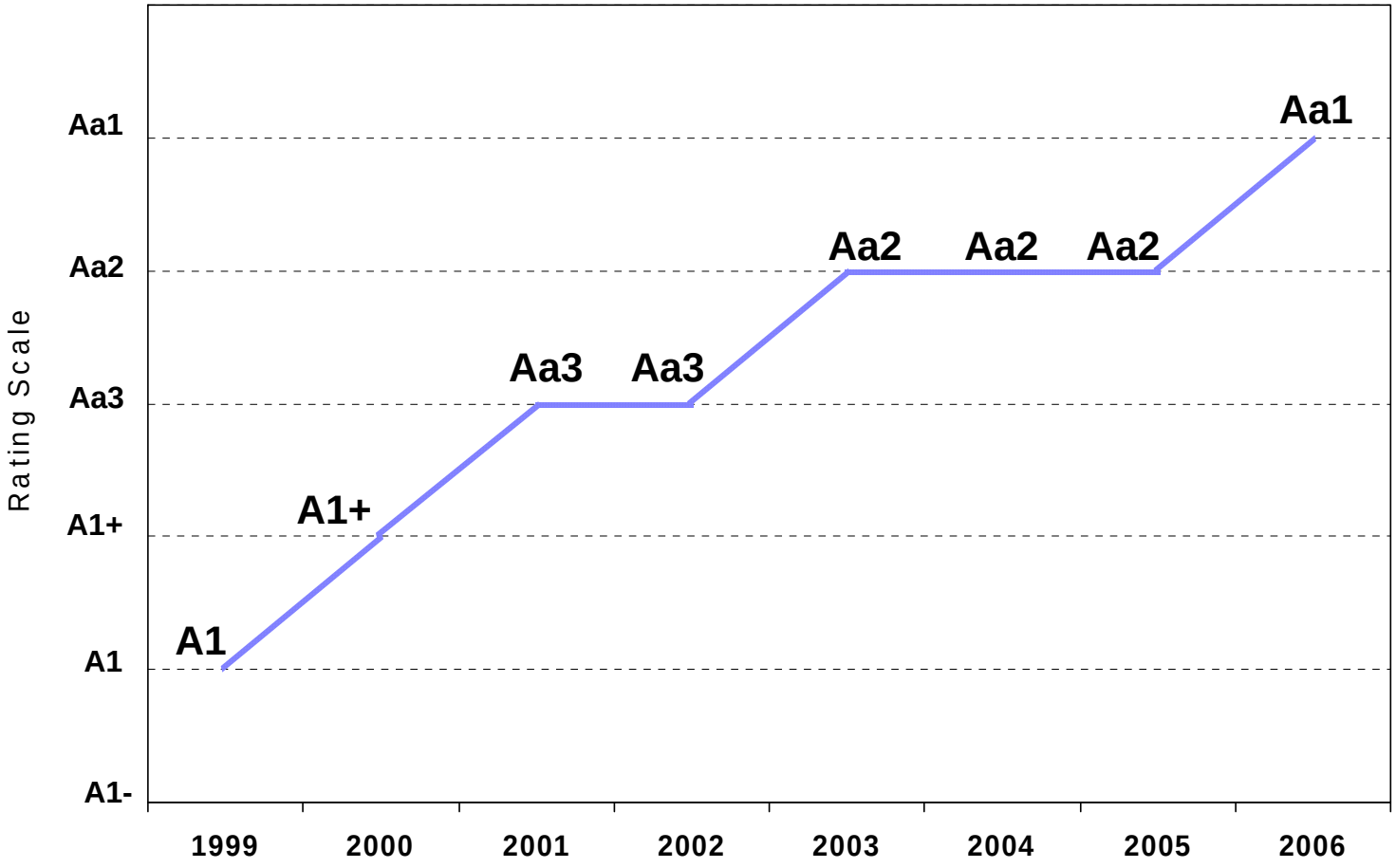
UTILITY NET DEBENTURE DEBT



Notes: Utilities (including Civic Accommodations and Transit) net debenture debt decreased by 56% from 1999 to 2006.

Winnipeg

CREDIT RATING



Source Moody's Investors Service

Winnipeg

CAPITAL PROJECTS



The City of Winnipeg

CAPITAL PROJECTS SUMMARY

Preliminary 2008
Capital Budget

and

2009 to 2013
Five Year Forecast

November 22, 2007

Note:

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 streets, and Prior Years' Surplus financing amounts are not all allocated to individual capital projects. These financing amounts will offset cash to capital requirements.

Table of Contents

Summary of Capital Program **1**

Summary of Financing Sources **2**

Tax-Supported

Public Works 3

Local Improvements 5

Community Services 6

Winnipeg Police Service 7

Fire Paramedic Service 7

Planning, Property and Development 8

Civic Accommodations 9

Building Services 10

City Clerks 10

Internal Services 11

Property Assessment 11

Other Projects 11

Transit 11

Land Drainage and Flood Control 12

Utilities

Waterworks System 13

Sewage Disposal System 14

Solid Waste Disposal System 17

CAPITAL PROJECTS SUMMARY

(in Thousands of $)

	PRELIMINARY CAPITAL						
	2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
		2009	2010	2011	2012	2013	
SUMMARY OF CAPITAL PROGRAM							
TAX-SUPPORTED							
Public Works	185,066	97,423	69,118	68,813	72,655	69,820	562,895
Local Improvements	3,794	1,600	1,600	1,600	1,600	1,600	11,794
Land Drainage and Flood Control	14,695	12,500	11,850	13,525	12,940	13,550	79,060
Community Services & Community Incentive Grants	3,671	8,359	7,188	3,758	8,638	8,919	40,533
Winnipeg Police Service	34,353	3,815	10,174	7,693	7,934	8,220	72,189
Fire Paramedic Service	1,792		2,600		840	850	6,082
Planning, Property and Development (excluding Civic Accommodations and Building Services)	6,028	5,899	5,385	5,403	5,651	5,481	33,847
City Clerks	150	1,850	900	700	700	700	5,000
Internal Services	1,518	1,139	2,419	3,619	2,473	2,153	13,321
Property Assessment		500	1,000	500			2,000
Other Projects	9,274		6,138	6,138	6,138	6,138	33,826
Tax-Supported General	260,341	133,085	118,372	111,749	119,569	117,431	860,547
Civic Accommodations	5,806	7,167	5,700	1,900	3,224	4,650	28,447
Building Services	21,990	6,700	4,675	4,575	4,655	4,655	47,250
Transit	16,715	24,962	24,771	25,879	27,036	30,491	149,854
Total Tax-Supported Including Transit, Civic Accommodations, and Building Services	304,852	171,914	153,518	144,103	154,484	157,227	1,086,098
UTILITIES							
Waterworks System	20,545	19,150	16,525	19,625	22,000	14,150	111,995
Sewage Disposal System	95,700	143,365	121,275	198,325	208,200	120,950	887,815
Solid Waste Disposal System	402	3,700	300	300	300	150	5,152
Total Utilities	116,647	166,215	138,100	218,250	230,500	135,250	1,004,962
TOTAL CAPITAL PROGRAM	421,499	338,129	291,618	362,353	384,984	292,477	2,091,060

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						
	2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
SUMMARY OF FINANCING SOURCES							
Cash to Capital (Equity in Capital Assets Fund)	61,478	63,478	65,478	67,478	69,478	71,478	398,868
Public Private Partnership Lease Payments	(1,838)	(2,559)	(18,302)	(23,940)	(24,998)	(25,051)	(96,688)
Frontage Levy	27,100	27,100	27,100	27,100	27,100	27,100	162,600
Reserves:							
- Transit Bus Replacement	6,098	8,420	9,797	11,135	12,445	12,745	60,640
- Environmental	7,727	11,536	12,356	20,150	21,651	21,643	95,063
- Land Operating	973						973
- General Purpose - payment from / (repayment to)	2,482	(12)	(250)	(9,000)			(6,780)
Interim Financing (Repayment)	8,077	(1,658)	(7,164)				(745)
Contributions from Other Levels of Government:							
- Canada Strategic Infrastructure Fund	5,125	24,246	21,539				50,910
- Federal Gas Tax	20,514	41,029	41,029	41,029	41,029	41,029	225,659
- Winsmart - Urban Transportation Showcase	62						62
- Manitoba Winnipeg Infrastructure Program (unallocated)	11,666	11,666	11,666	11,666	11,670	11,666	70,000
- Building Manitoba Fund	10,840	10,840	10,840	10,840	10,840	10,840	65,040
- Provincial Funding for Streets (unallocated)	29,000	25,000	25,000	25,000	25,000	25,000	154,000
Other Funders:							
- Developers	1,069	1,084		875		500	3,528
- Public Private Partnership Authorization	126,895						126,895
Utilities Retained Earnings	52,120	34,225	26,300	28,500	28,650	40,650	210,445
Debt (Utilities, Local Improvements)	40,688	75,899	66,229	151,520	162,119	54,877	551,332
Other	923	5,867					6,790
Prior Years' Surplus (unallocated)	10,500	1,968					12,468
TOTAL FINANCING SOURCES	421,499	338,129	291,618	362,353	384,984	292,477	2,091,060

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL 2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
CAPITAL PROJECTS LISTING								
PUBLIC WORKS								
Active Transportation Facilities								
Recreational Walkways and Bike Paths - Various Locations	3-1	1,500	1,000	1,000	1,000	1,000	1,000	6,500
New Regional Sidewalks	3-2	250	250	250	250	250	250	1,500
Active Transportation Corridors	3-3	100	100	100	100	100	100	600
Total Active Transportation Facilities		1,850	1,350	1,350	1,350	1,350	1,350	8,600
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	3-5	1,850	5,250	250		12,171		19,521
Kenaston Blvd - Academy Rd to Taylor Ave								
- Cash to Capital (Equity in Capital Assets Fund)		100		100	100	100	100	500
- Federal Gas Tax			100					100
Total Kenaston Blvd - Academy Rd to Taylor Ave	3-6	100	100	100	100	100	100	600
Traffic Engineering Improvement - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund)		650	150	650	650	650	650	3,400
- Federal Gas Tax			500					500
Total Traffic Engineering Improvement - Various Locations	3-7	650	650	650	650	650	650	3,900
Inkster Blvd - Keewatin St to Brookside Blvd								
- Cash to Capital (Equity in Capital Assets Fund)		1,100	14,648	15,770				31,518
- Developer Funding			584					584
Total Inkster Blvd - Keewatin St to Brookside Blvd	3-8	1,100	15,232	15,770				32,102
McGillivray Blvd - Waverley St to Columbia Dr								
- Cash to Capital (Equity in Capital Assets Fund)		13,361						13,361
- Developer Funding		319						319
Total McGillivray Blvd - Waverley St to Columbia Dr	3-9	13,680						13,680
Total Street Improvements		19,680	23,532	19,070	3,050	15,221	3,050	83,603

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
Regional and Local Streets								
- Cash to Capital (Equity in Capital Assets Fund)		19,431	17,610	2,740	26,366	8,970	21,341	96,458
- Federal Gas Tax		17,460	26,020	19,705	15,643	15,643	15,643	110,114
- Provincial Building Manitoba Fund - Roads		7,000	7,000	7,000	7,000	7,000	7,000	42,000
Total Regional and Local Streets	3-10	43,891	50,630	29,445	49,009	31,613	43,984	248,572
Waterway Crossings and Grade Separations								
Sturgeon Rd Bridge (Sturgeon Creek)	3-12				2,033	10,977		13,010
Osborne St Bridge (Assiniboine River)	3-13			1,355	6,776	6,294		14,425
Jubilee Ave Overpass (Pembina Hwy)	3-14		896	7,638				8,534
Waverley St / CN Mainline Grade Separation	3-15			1,119				1,119
Louise Bridge (Red River) Rehabilitation or Replacement	3-16						1,581	1,581
Pembina Highway Underpass	3-17						6,323	6,323
St. James Street Bridge (Omand's Creek)	3-18						3,161	3,161
Ness Avenue Culvert (Sturgeon Creek)	3-19						3,161	3,161
Waterway Crossing and Grade Separations - Annual Program	3-20	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Disraeli Bridge and Overpass Facility								
- Public Private Partnership		34,000						34,000
- Cash to Capital (Equity in Capital Assets Fund)		4,000	2,000	2,000				8,000
- Federal Gas Tax				13,862	13,862	13,862	13,862	55,448
- Public Private Partnership Lease Payments				(13,862)	(13,862)	(13,862)	(13,862)	(55,448)
Total Disraeli Bridge and Overpass Facility	3-21	38,000	2,000	2,000				42,000
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)	3-22		1,792					1,792
Fort Garry Bridge Rehabilitation and Widening								
- Cash to Capital (Equity in Capital Assets Fund)		10,238	1,140					11,378
- Federal Gas Tax			6,700					6,700
Total Fort Garry Bridge Rehabilitation and Widening	3-23	10,238	7,840					18,078
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	3-24							
Total Waterway Crossings and Grade Separations		50,238	14,528	14,112	10,809	19,271	16,226	125,184

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
New Transportation Facilities								
Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd								
- Public Private Partnership		60,000						60,000
- Cash to Capital (Equity in Capital Assets Fund)		2,000	2,000					4,000
- Federal Gas Tax				1,353	5,415	5,415	5,415	17,598
- Public Private Partnership Lease Payments				(1,353)	(5,415)	(5,415)	(5,415)	(17,598)
Total Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd	3-25	62,000	2,000					64,000
Other Streets Projects								
Asset Management System - Various Divisions	3-26	100	100	100	100	100	100	600
Land Drainage Sewers - Regional / Local Streets	3-27	200	150	150	150	150	150	950
Sand / Salt Storage Facility	3-28	1,300						1,300
Land Acquisition - Right of Way	3-29	324						324
City-Wide Accessibility Program	3-30	250	250	250	250	250	250	1,500
Total Other Streets Projects		2,174	500	500	500	500	500	4,674
TOTAL STREETS PROJECTS		179,833	92,540	64,477	64,718	67,955	65,110	534,633
Parks and Open Space								
Reforestation - Improvements	3-31	383	383	383	383	433	383	2,348
Athletic Fields - Improvements	3-32	200	200	200	200	200	200	1,200
Parks - Improvements	3-33	1,250	900	808	262	617	677	4,514
Playground Structures	3-34	1,750	1,750	1,750	1,750	1,800	1,800	10,600
Pathway / Roadway / Tennis Court Upgrading	3-35	150	150			150	150	600
Community Park Amenities	3-36	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Total Parks and Open Space		5,233	4,883	4,641	4,095	4,700	4,710	28,262
TOTAL PUBLIC WORKS		185,066	97,423	69,118	68,813	72,655	69,820	562,895
LOCAL IMPROVEMENTS - Ongoing Program								
- Cash to Capital (Equity in Capital Assets Fund)		906	225	80	80	80	80	1,451
- Interim Financing		(600)	(145)					(745)
- External Debt		3,488	1,520	1,520	1,520	1,520	1,520	11,088
LOCAL IMPROVEMENTS	3-37	3,794	1,600	1,600	1,600	1,600	1,600	11,794

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
COMMUNITY SERVICES								
Community Incentive Grant Program	3-38	1,421	1,449	1,478	1,508	1,538	1,569	8,963
Library Replacement - Various	3-39		3,000	2,000		4,000	2,000	11,000
Library Shelving and Furniture Replacement Program	3-40		500			200	500	1,200
Integrated Property Based Information Systems	3-41			500				500
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package	3-42	160	160	160				480
Renovate and Refurbish Various Library Branches - First Call on 2008 Capital Budget - Cindy Klassen Recreation Complex - $200,000 (Council September 26, 2007)	3-43	1,250				300	1,000	2,550
Imaging and Document Management	3-44		250	250	250			750
Library Technology Upgrade and Replacement	3-45			500				500
Recreational Facility Safety & Accessibility Improvements	3-46	400	600	300		400	400	2,100
Library Signage, Safety and Accessibility	3-47					200	200	400
New Recreation and Leisure Facility Equipment Program	3-48	400	400					800
Business Application Systems	3-49						250	250
Sports Facility Program	3-50	40						40
Assiniboine Park Amenities Improvements / Development	3-51		2,000	2,000	2,000	2,000	3,000	11,000
TOTAL COMMUNITY SERVICES		3,671	8,359	7,188	3,758	8,638	8,919	40,533

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
WINNIPEG POLICE SERVICE								
Renovations - 5th Floor Public Safety Building	3-52			616				616
Emergency Exit Overpass - 4th Floor Public Safety Building to Parkade	3-53		336					336
Replace Voice 2-Way Radio System	3-54	2,400	1,815	4,683				8,898
Wireless Emergency 911 Upgrade	3-55			260				260
Automated Fingerprint Identification System (AFIS) Replacement	3-56				500			500
Police Priority Dispatch System	3-57			427				427
Outdoor Shooting Range	3-58	700	896					1,596
Central Processing Unit	3-59			4,188				4,188
Identification Unit - Forensic Services	3-60	2,108	768			7,611	8,220	18,707
Winnipeg Police Service Communications	3-61				7,193			7,193
Digital Recording - Interview Rooms	3-62					323		323
Police Building Replacement								
- Public Private Partnership		32,895						32,895
- Cash to Capital (Equity in Capital Assets Fund)		(3,390)	1,081	1,609	3,185	4,243	4,296	11,024
- Public Private Partnership Lease Payments		(360)	(1,081)	(1,609)	(3,185)	(4,243)	(4,296)	(14,774)
Total Police Building Replacement	3-63	29,145						29,145
TOTAL WINNIPEG POLICE SERVICE		34,353	3,815	10,174	7,693	7,934	8,220	72,189
FIRE PARAMEDIC SERVICE								
Facilities Replacement and Relocation Program	3-64	1,792		2,600		840	850	6,082

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
PLANNING, PROPERTY AND DEVELOPMENT								
Other Planning, Property and Development								
Computer Automation	3-65	185	165	200	200	200	200	1,150
Land Acquisition for General Unspecified Purposes	3-66	328	500	500	500	500	500	2,828
Riverbank Greenway Programs (formerly Pathways)	3-67	465	222	185	203	351	381	1,807
Land Acquisition - Riverbank	3-68		300	200	200	200		900
Cemeteries - Improvements	3-69	250				100	100	450
Riverbank Stabilization - Physical Asset Protection - First Call on 2008 Capital Budget - St. Vital Park - $900,000 (Council January 25, 2007)	3-70	1,500	1,000	1,000	1,000	1,000	1,000	6,500
Downtown Enhancement Program	3-72	400	400	400	400	400	400	2,400
Image Route Enhancements / Streetscaping	3-73	400	400	400	400	400	400	2,400
Expand Property Management and Integrate with Public Works Work Management System	3-74		112					112
Riverbank Access Park and Dock Network	3-75		300					300
Public Art Strategy	3-76	500	500	500	500	500	500	3,000
Building Communities								
- Cash to Capital (Equity in Capital Assets Fund)		1,000	1,000	1,000	1,000	1,000	1,000	6,000
- Manitoba Winnipeg Infrastructure Program (MWIP)		1,000	1,000	1,000	1,000	1,000	1,000	6,000
Total Building Communities	3-77	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Subtotal Planning, Property and Development (excluding Civic Accommodations and Building Services)		6,028	5,899	5,385	5,403	5,651	5,481	33,847

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
Civic Accommodations								
General Building Renovation and Refurbishing	3-78	500		500	500	500	500	2,500
Civic Buildings - Barrier Free Access	3-79				300	300		600
Removal of Asbestos	3-80		100	300	100	124	100	724
Roof Replacement	3-81	500	500	800	200	200	250	2,450
Fire Safety Upgrading - Various Locations	3-82		200	500	200	200	200	1,300
Public Safety Building - Exterior Cladding	3-83	3,033	5,367					8,400
Energy Conservation	3-84	200		300		200		700
Civic Centre Car Park Tunnel	3-85					200		200
Tenant Improvement Prepayment - Major Department	3-86					500		500
Historic Building Stabilization	3-87	200	500	400		200	200	1,500
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades	3-88	400		900		200	500	2,000
Building Envelope - Evaluation and Emergency Repair	3-89		500	1,000		200		1,700
Elevator and Escalator Repair	3-90			800	400	200		1,400
510 Main Street - Generator Set Replacement	3-91						2,700	2,700
Parking Lot Surface Repairs	3-92			200	200	200	200	800
Public Works / Water & Waste Departments Facilities Consolidation - Land Operating Reserve Fund (Proceeds from Sale of Surplus Properties)	3-93	973						973
Subtotal Civic Accommodations		5,806	7,167	5,700	1,900	3,224	4,650	28,447

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
Building Services								
Community Centres - Refurbishing and Improvements	3-94	540	500	500	500	500	500	3,040
Arenas	3-95	525	525	525	525	525	525	3,150
Indoor Aquatic Facilities - First Call on 2008 Capital Budget - Cindy Klassen Recreation Complex - $1.1 million, Waterslide Replacement at Elmwood Kildonan Pool - $250,000 (Council September 26, 2007)	3-96	2,450	2,450	2,450	2,450	2,530	2,530	14,860
Outdoor Aquatic Facilities	3-97	350	350	450	450	450	450	2,500
Community Facilities	3-98	200	200	200	200	200	200	1,200
Fire / Life Safety Replacement / Asbestos Abatement	3-99	225	225	225	225	225	225	1,350
Security / Building Automation Systems Initiatives	3-100	125	125	125	125	125	125	750
Building Asset / Work Management Program	3-101	100	100					200
UFF - Hockey Pen Light Standard Replacement	3-102	100	100	100	100	100	100	600
Recreation and Leisure Facilities - First Call on 2008 Capital Budget - Spray Pad/Park Investment - $286,598 (Council July 18, 2007)								
- Cash to Capital (Equity in Capital Assets Fund)				860	9,000			9,860
- General Purpose Reserve		2,650			(9,000)			(6,350)
- Transfer from Sewage Disposal Utility Capital Program		923		3,292				4,215
- Canada Strategic Infrastructure Fund - Province		5,125	3,638	3,112				11,875
- Interim Financing (Repayment)		8,677	(1,513)	(7,164)				
Total Recreation and Leisure Facilities	3-103	17,375	2,125	100				19,600
Total Building Services		21,990	6,700	4,675	4,575	4,655	4,655	47,250
TOTAL PLANNING, PROPERTY AND DEVELOPMENT		33,824	19,766	15,760	11,878	13,530	14,786	109,544
CITY CLERKS								
Office Automation	3-104		200		200		200	600
Corporate Records Centre	3-105					200		200
Election Systems	3-106		150	150				300
Voting Machine Replacement	3-107		1,500	250				1,750
City Archives	3-108	150		500	500	500	500	2,150
TOTAL CITY CLERKS		150	1,850	900	700	700	700	5,000

CAPITAL PROJECTS SUMMARY

(in Thousands of $)

	DETAIL PAGE NO.	PRELIMINARY CAPITAL 2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
INTERNAL SERVICES								
Communications Network Infrastructure	3-109	648	648	633	638	643	642	3,852
Network Computing Initiatives	3-110	620	216	209	211	213	213	1,682
E-Government	3-111	250	150	1,057	1,070	617	629	3,773
PeopleSoft Upgrade	3-112				1,500	1,000	500	3,000
Data Warehouse / Business Intelligence	3-113		125	520	200		169	1,014
TOTAL INTERNAL SERVICES		1,518	1,139	2,419	3,619	2,473	2,153	13,321
PROPERTY ASSESSMENT								
Assessment Automation	3-114		500	1,000	500			2,000
OTHER PROJECTS								
Innovative Capital								
- Cash to Capital (Equity in Capital Assets Fund)		168	12	250				430
- Repayment to the General Purpose Reserve		(168)	(12)	(250)				(430)
Total Innovative Capital	3-115							
311 Customer Service	3-116	4,917						4,917
Capital Invesment Fund	3-117	4,357		6,138	6,138	6,138	6,138	28,909
TOTAL OTHER PROJECTS		9,274		6,138	6,138	6,138	6,138	33,826
TRANSIT								
Transit Security Enhancements	3-118	250	250	250				750
Fare Collection System	3-119		3,500	2,500	2,500			8,500
Innovative Transit Program								
- Cash to Capital (Equity in Capital Assets Fund)		638	700	800	800	800	1,000	4,738
- Winsmart - Urban Transportation Showcase		62						62
Total Innovative Transit Program	3-120	700	700	800	800	800	1,000	4,800
Transit Building Replacement / Refurbishment								
- Cash to Capital (Equity in Capital Assets Fund)					1,413	3,842	6,797	12,052
- Federal Gas Tax				6,109	6,109	6,109	6,109	24,436
Total Transit Building Replacement / Refurbishment	3-121			6,109	7,522	9,951	12,906	36,488
Transit Buses								
- Cash to Capital (Equity in Capital Assets Fund)		2,773	2,143	1,475	82			6,473
- Transit Bus Replacement Reserve		6,098	8,420	9,797	11,135	12,445	12,745	60,640
- Provincial Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	23,040
Total Transit Buses	3-122	12,711	14,403	15,112	15,057	16,285	16,585	90,153
Transit Improvements - Federal Gas Tax	3-123	3,054	6,109					9,163
TOTAL TRANSIT		16,715	24,962	24,771	25,879	27,036	30,491	149,854

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL 2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
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	3-124	150	200	200	200	400	400	1,550
Flood Pumping Station Rehabilitation	3-125	850	900	1,000	1,000	1,000	1,000	5,750
Land Drainage and Combined Sewers Outfall Gate Structures	3-126	900	1,450	1,450	1,450	1,500	1,500	8,250
Floodplain Management	3-127		700					700
Seine River Waterway Acquisition	3-128	100	150	150	150	150	150	850
Primary Dike Upgrading	3-129		250	300	1,500	1,390	1,500	4,940
Land Drainage Safety Upgrading Program	3-130		200	200	100	200	200	900
Charleswood & Wilkes South Land Drainage Project	3-131	1,343						1,343
Land Drainage Asset Management Strategy	3-132				200			200
Ravelston Land Drainage Pumping Station Upgrading	3-133	2,352						2,352
Portable Flood Pumps	3-134	250	250					500
Flood Equipment Storage Facility	3-135			500				500
Financed by Frontage Levy:								
Combined Sewer Flood Relief - Frontage Levy	3-136	7,200	7,200	7,200	7,200	7,200	7,200	43,200
Flood Relief Sewers - Separate - Frontage Levy	3-137	300	300	300	300	300	300	1,800
Financed by Developer Capacity Charges:								
Development Agreement Paybacks	3-138	750	500				500	1,750
Fernbank Ave Land Drainage Sewer	3-139				875			875
Total Land Drainage and Flood Control - Regional		14,195	12,100	11,300	12,975	12,140	12,750	75,460
Land Drainage and Flood Control - Residential								
Outfall Rehabilitation - Cash to Capital (Equity in Capital Assets Fund)	3-140	500	400	550	550	800	800	3,600
TOTAL LAND DRAINAGE AND FLOOD CONTROL		14,695	12,500	11,850	13,525	12,940	13,550	79,060

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
WATER WORKS SYSTEM - Utility Funding								
Financed by Waterworks Retained Earnings:								
Long Term Zebra Mussel Mitigation	3-141						1,100	1,100
Saskatchewan Avenue Feedermain	3-142				1,300			1,300
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-143				1,800	2,900		4,700
Branch II Aqueduct Valve Interconnection Control Structure	3-144	500						500
Tache Booster Pumping Station Upgrading	3-145	800						800
Shoal Lake Aqueduct Intake Structure Condition Assessment	3-146	200	800	1,000				2,000
Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement	3-147		2,500					2,500
Shoal Lake Intake Chloramination Facility	3-148	300			2,000			2,300
General Water Infrastructure Rehabilitation	3-149			300	300	300	300	1,200
Midtown Feedermain - Assiniboine River Crossing Replacement / Rehabilitation	3-150	2,500						2,500
Waverley West Feedermain	3-151		2,500			4,200		6,700
Feedermain Condition Assessment Study - Phase 1	3-152	500						500
Water Utility Asset Management Strategy	3-153		200					200
Shoal Lake Aqueduct Asset Preservation	3-154					1,000		1,000
Water Supply Valve Installation / Replacement Program	3-155	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility)	3-156			700				700
Hurst Pumping Station Building - Structural Repairs	3-157			1,000				1,000
Chlorination Decommission at Regional Pump Stations	3-158			100				100
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-159	300	300	300				900

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL 2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
WATER WORKS SYSTEM - Utility Funding (continued)								
Deacon Booster Pumping Station - Building Upgrades	3-160	500						500
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	125			500
Branch 1 Aqueduct at Seine River - Riverbank Stabilization	3-165	200	200	1,000				1,400
Regional Pumping Stations Reliability Upgrades	3-166					1,600		1,600
Waterworks System Security Upgrades	3-167	500	500	500	500	500	500	3,000
Assessments of Water System Infrastructure and Water Supply Sources	3-168						750	750
McPhillips Reservoir Slope Stability Remediation	3-169	120						120
Arc Flash Hazard Analysis and Remediation	3-170		525					525
Regional Servicing Strategy for Plan Winnipeg	3-171	150						150
Public Water Outlets	3-172	500						500
Capital Investment Fund	3-173	1,850						1,850
Watermain Renewals								
- Watermain Renewal Reserve - Frontage Levy		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	3-174	10,000	10,000	10,000	10,000	10,000	10,000	60,000
TOTAL WATERWORKS SYSTEM (Utility Supported)		20,545	19,150	16,525	19,625	22,000	14,150	111,995
SEWAGE DISPOSAL SYSTEM - Utility Funding								
Sewage Disposal System - Regional								
Financed by Sewage Disposal System Retained Earnings:								
Primary Clarifier Refurbishment - NEWPCC	3-175	1,500						1,500
Lift Stations Upgrading	3-176	750	750	750	750	750	750	4,500
Inflow / Infiltration / Cross-Connection Study and Mitigation	3-177	750						750
Sewer System Isolation in Areas Protected by Secondary Dikes	3-178		500	1,000	1,000			2,500
Raw Sewage Pump Replacement - NEWPCC	3-179			2,000				2,000
Surgewell Condition Assessment & Main Pump Hydraulic Rehabilitation - NEWPCC	3-180		5,100	5,200				10,300
Waverley West Interceptor Sewer	3-181	480	4,500			6,900		11,880

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL 2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
SEWAGE DISPOSAL SYSTEM - Utility Funding (continued)								
Upgrading External Power Supply - NEWPCC	3-182					4,000		4,000
Septage Acceptance Facility - Wastewater Pollution Control Centres	3-183	3,500						3,500
Re-Roofing at Water Pollution Control Centres	3-184	400		400		400		1,200
Head Tank Replacement - NEWPCC	3-185				500			500
Centrifuge Replacement - NEWPCC	3-186				6,900			6,900
River Crossings Monitoring and Rehabilitation	3-187	2,500	2,300	1,300	1,300	1,300	1,300	10,000
Asbestos Containing Materials Operations & Maintenance Program	3-188	125	125	125	125			500
Digester Area Upgrades - NEWPCC	3-189	600		700				1,300
Water Pollution Control Centre Reliability Upgrades	3-190		5,000	5,000	5,000		5,000	20,000
Arc Flash Hazard Analysis and Remediation	3-191	1,600						1,600
Regional Servicing Strategy for Plan Winnipeg	3-192	350						350
Wastewater System Security Upgrades	3-193		100					100
HVAC Replacement - West End Water Pollution Control Centre (WEWPCC)	3-194						5,000	5,000
Traffic Safety Upgrades - North End Water Pollution Control Centre (NEWPCC)	3-195						1,800	1,800
Holding Tanks Coating - North End Water Pollution Control Centre (NEWPCC)	3-196						1,500	1,500
Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)	3-197						18,000	18,000
Capital Investment Fund	3-198	2,818						2,818
Financed by Other Sources:								
Environmental Impact Statement and Public Hearings - Environmental Reserve	3-199	200	200	200	200	200		1,000
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve	3-200		7,000	8,000	9,000	9,000	10,000	43,000

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST 2009	2010	2011	2012	2013	2008-2013 6 YEAR TOTAL BUDGET
SEWAGE DISPOSAL SYSTEM - Utility Funding (continued)								
Biosolids - Alternative Disposal Delivery & Management System								
- Environmental Reserve		117	4,336	4,156	10,950	12,451		32,010
- External Debt			2,664	15,844		10,599		29,107
Total Biosolids - Alternative Disposal Delivery & Management System	3-201	117	7,000	20,000	10,950	23,050		61,117
Effluent Disinfection and Nutrient Removal - WEWPCC								
- Environmental Reserve		7,410						7,410
- External Debt			4,190					4,190
Total Effluent Disinfection and Nutrient Removal - WEWPCC	3-202	7,410	4,190					11,600
Nutrient Removal / Expansion - SEWPCC								
- Retained Earnings		22,800						22,800
- 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		27,200	46,525	48,865				122,590
- Prior Years' Authorized External Debt		923	5,867					6,790
- Transfer to General Capital Fund		(923)		(3,292)				(4,215)
Total Nutrient Removal - SEWPCC	3-203	50,000	73,000	64,000				187,000
Nutrient Removal - NEWPCC								
- Environmental Reserve							11,643	11,643
- External Debt		10,000	21,000		150,000	150,000	53,357	384,357
Total Nutrient Removal - NEWPCC	3-205	10,000	21,000		150,000	150,000	65,000	396,000
Total Sewage Disposal System - Regional		83,100	130,765	108,675	185,725	195,600	108,350	812,215
Sewer Renewal								
- Frontage Levy	3-206	12,600	12,600	12,600	12,600	12,600	12,600	75,600
TOTAL SEWAGE DISPOSAL SYSTEM		95,700	143,365	121,275	198,325	208,200	120,950	887,815

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
SOLID WASTE DISPOSAL SYSTEM - Utility Funding								
Financed by Solid Waste Disposal Retained Earnings:								
Landfill Cell Excavation	3-207		2,300					2,300
Summit Landfill Closure / Post-Closure	3-208	150	300	300	300	300	150	1,500
Miscellaneous Land Acquisition	3-209		100					100
Cordite Landfill Remedial Work	3-210	252						252
Brady Landfill Staff Building	3-211		1,000					1,000
TOTAL SOLID WASTE DISPOSAL SYSTEM		402	3,700	300	300	300	150	5,152

CAPITAL PROJECTS

Winnipeg

The City of Winnipeg

Capital Projects Detail

Preliminary 2008
Capital Budget

and

2009 to 2013
Five Year Forecast

Table of Contents

Capital Projects Listing by Department

Public Works 3-1
Local Improvements 3-37
Community Services 3-38
Winnipeg Police Service 3-52
Fire Paramedic Service 3-64
Planning, Property and Development 3-65
Civic Accommodations 3-78
Building Services 3-94
City Clerks 3-104
Internal Services 3-109
Property Assessment 3-114
Other Projects 3-115
Transit 3-118
Land Drainage and Flood Control 3-124

Utilities

Waterworks System 3-141
Sewage Disposal System 3-175
Solid Waste Disposal System 3-207

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

Department: Public Works
Project: 183200XX08
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,500	1,000	1,000	1,000	1,000	1,000	5,000	6,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,500	1,000	1,000	1,000	1,000	1,000	5,000	6,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,275	1,075	1,000	1,000	1,000	1,000	150	6,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,275	1,075	1,000	1,000	1,000	1,000	150	6,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	76	64	60
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	35	144	243
SURPLUS/(DEFICIT)	41	(80)	(183)

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: **New Regional Sidewalks**

Department: Public Works
Project: 183200XX08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	12	16	16
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	26	50
SURPLUS/(DEFICIT)	6	(10)	(34)

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: 183200XX08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	100	100	500	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	85	100	100	100	100	100	15	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	85	100	100	100	100	100	15	600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	2	10	20
SURPLUS/(DEFICIT)	4	(4)	(14)

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

Marking of "Sharrows" symbol on the road and associated signage. Projects for 2008 include the following:

Projects:	**Amount**
1. Roblin Boulevard	
- Dale Blvd to Charleswood Parkway (4,265 m)	11
- Charleswood Parkway to Chalfont Rd (1,144 m)	4
2. Grant Avenue	
- Roblin Blvd to Shaftesbury Blvd (3,422 m)	10
3. Plessis Road	
- Kildare Avenue W to Regent Avenue W (626 m)	2
4. Regent Avenue W	
- Plessis Rd to Panet Rd (3,425 m)	10
5. Dakota Street	
- Warde Ave to Fermor Ave (4,887 m)	13
6. Regional Streets - Various Locations	50
	100

Project Name: **Traffic Signals Enhancement**

Department: Public Works
Project: 183200XX08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)	118	138	138
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	54	241	460
SURPLUS/(DEFICIT)	64	(103)	(322)

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.
- Upgrade 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).

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

Department: Public Works
Project: 180700xx08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,850	5,250	250	-	12,171	-	17,671	19,521
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,850	5,250	250		12,171		17,671	19,521

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,850	5,250	250	-	12,171	-	-	19,521
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,850	5,250	250		12,171			19,521

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	112	316	16
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	51	328	666
SURPLUS/(DEFICIT)	61	(12)	(650)

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:	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**Total**
Concordia Avenue Interchange	250	250	250				750
Lagimodiere Boulevard & Warde Avenue intersection					300		300
Adsum Drive	400						400
Headmaster Row & Lagimodiere Blvd. intersection	1,200						1,200
Kenaston Boulevard Extension & Bishop Grandin Intersection		5,000					5,000
Plessis Road Twinning					11,871		11,871
	1,850	**5,250**	**250**	**-**	**12,171**	**-**	**19,521**

* 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 (including functional design in 2007)**

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

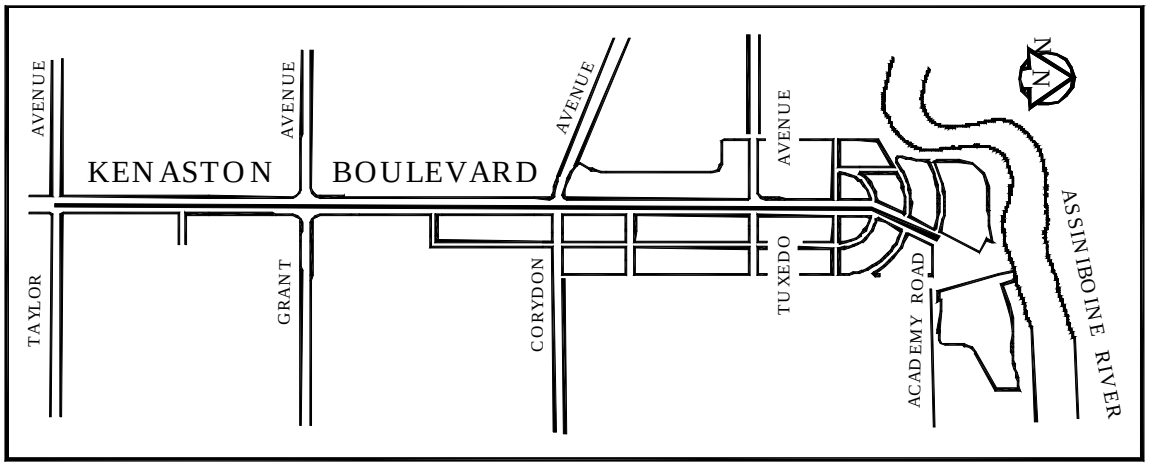
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,800	100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100		100	100	100	100	400	500
Federal Gas Tax			100					100	100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	85	100	100	100	100	100	15	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	85	15	85	100	100	100	15	500
Federal Gas Tax		85	15					100

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	2	8	11
SURPLUS/(DEFICIT)	4	(2)	(5)

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.



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

Department: Public Works
Project: 183100xx08
Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	650	650	650	650	650	650	3,250	3,900
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		650	150	650	650	650	650	2,750	3,400
Federal Gas Tax			500					500	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	553	650	650	650	650	650	97	3,900
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	553	150	650	650	650	650	97	3,400
Federal Gas Tax		500						500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	34	40	40
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	15	52	83
SURPLUS/(DEFICIT)	19	(12)	(43)

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: 180400XX08

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

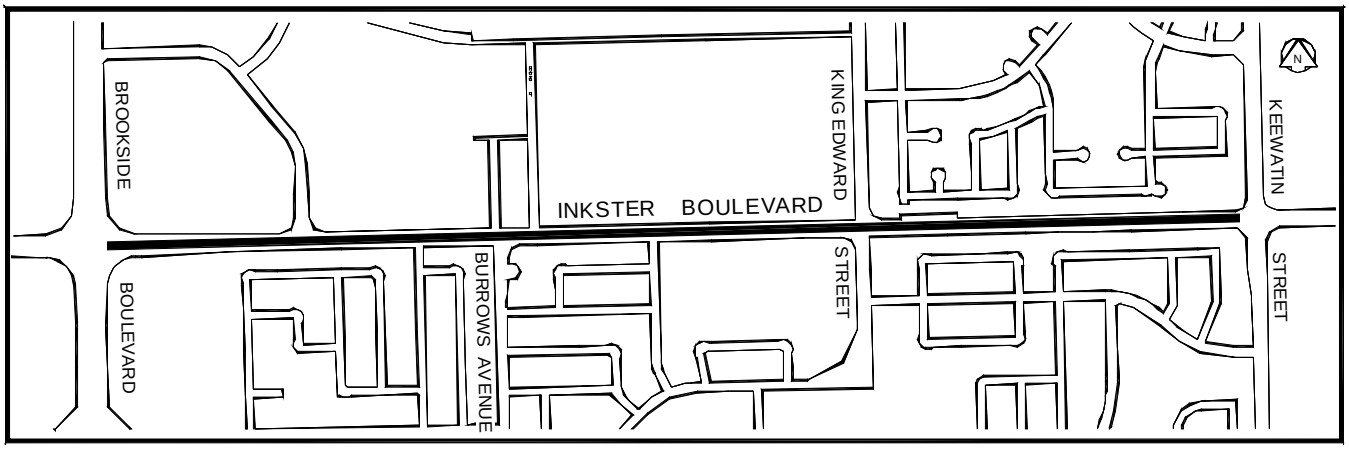
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,100	15,232	15,770	-	-	-	31,002	32,102
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,100	14,648	15,770				30,418	31,518
Developer Funding			584					584	584

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	935	13,200	15,602	2,365	-	-	-	32,102
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	935	12,616	15,602	2,365				31,518
Developer Funding		584						584

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	56	792	936
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	26	490	1,788
SURPLUS/(DEFICIT)	30	302	(852)

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: **McGillivray Boulevard - Waverley Street to Columbia Drive**

Department: Public Works
Project: 1804002507

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	13,680	-	-	-	-	-	-	13,680
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		13,361						-	13,361
Developer Funding		319						-	319

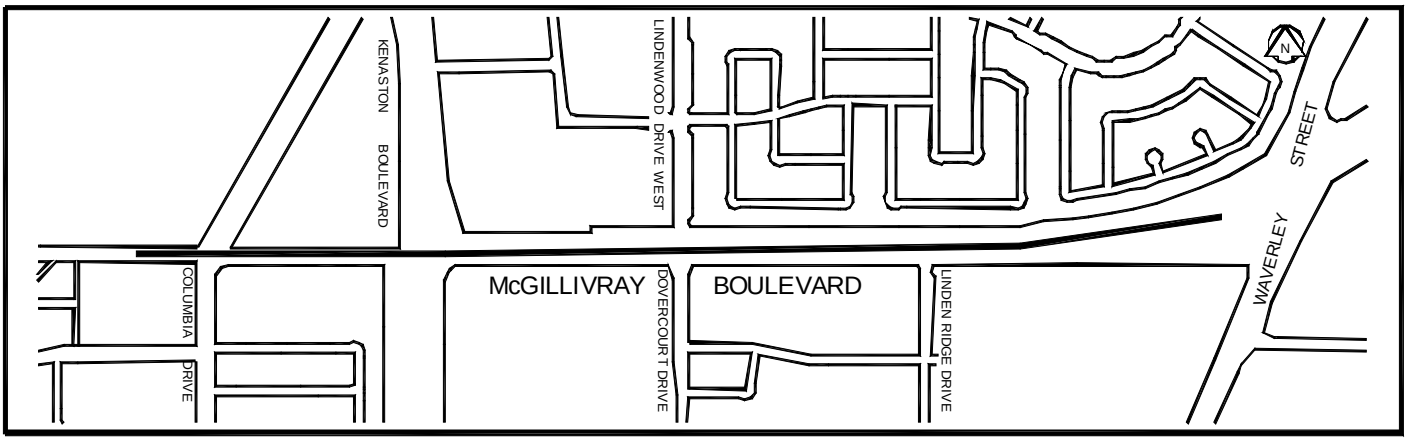
CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	13,680	-	-	-	-	-	-	13,680
Financed by:								
Cash to Capital (Equity in Capital Assets Fund) See Note	13,361							13,361
Developer Funding	319							319

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	821		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	367	1,138	1,138
SURPLUS/(DEFICIT)	453	(1,138)	(1,138)

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

Note: Previous Budget for preliminary engineering and land acquisition costs.

Twinning of McGillivray Boulevard between Waverley Street and Columbia Drive will improve capacity to accommodate existing and projected travel demands. Intersection improvements at Kenaston Boulevard will alleviate traffic congestion and delays there.



Project Name: **Regional and Local Streets**

Department: Public Works
Project: 180400xx08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	43,891	50,630	29,445	49,009	31,613	43,984	204,681	248,572
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		19,431	17,610	2,740	26,366	8,970	21,341	77,027	96,458
Federal Gas Tax		17,460	26,020	19,705	15,643	15,643	15,643	92,654	110,114
Provincial Building Manitoba Fund - Roads		7,000	7,000	7,000	7,000	7,000	7,000	35,000	42,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	40,976	50,903	31,676	45,465	34,222	42,128	3,202	248,572
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	16,516	17,883	4,971	22,822	11,579	19,485	3,202	96,458
Federal Gas Tax	17,460	26,020	19,705	15,643	15,643	15,643		110,114
Provincial Building Manitoba Fund - Roads	7,000	7,000	7,000	7,000	7,000	7,000		42,000

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	2,458	3,054	1,900
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	454	2,154	3,526
SURPLUS/(DEFICIT)	2,004	900	(1,626)

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 Renewals	**Authorization**						
Program include the following (all figures in 000's):	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**Six-Year Total**
Regional Sidewalk and Curb Renewals:							
Sidewalk and Curb Renewals - Regional Streets	500	500	500	500	500	500	3,000
Regional Paving of Granular Shoulders:							
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
St. James Street - Wellington Avenue to Saskatchewan Avenue	2,000						2,000
Ness Avenue (W/B) - Belvidere Street to Moorgate Street	1,000						1,000
Oak Point Highway (N/B) - Approximately 75m of Hyde Avenue to Eagle Drive	1,800						1,800
St. Mary's Road - St. Anne's Road to Fermor Avenue	5,500						5,500
King Street - William Avenue to Bannatyne Avenue	900						900
Mc Phillips Street (N/B) Swailes Avenue to Murray Road	1,000						1,000
Marion Street - Kenny Street to Rue Des Meurons	2,500						2,500
Grant Avenue (E/B) - Stafford Street to Pembina Highway	2,200						2,200
Lagimodiere Boulevard (S/B) - Fermor Avenue to 150m South	300						300
(If additional funds available)							
Logan Avenue - Reitta Street to Bushnell Street							
Century Street - Ellice Avenue to Wellington Avenue							
Regional Mill and Fill Rehabilitation Works:							
Pembina Highway (N/B) - Dalhousie to Bison	343						343
McPhillips Street (S/B) - Jefferson to Mapleglen	198						198
Lagimodiere Blvd. (S/B) - Marion to Fermor	1,256						1,256
Main Street (S/B) - Redwood to Higgins	827						827
Henderson Highway (S/B) - Kimberley to Munroe	325						325
Portage Avenue (E/B) - School to Woodhaven	704						704
McPhillips Street (N/B) - Logan to Redwood	850						850
(If additional funds available)							
Pembina Highway (S/B) - Kirkbridge to De Vos							
Main Street - City limit to Red River Dr.							
Regional Street Renewals - Annual Program - Various locations to be identified.		25,230	7,045	26,609	11,213	23,584	93,681
Granular Roadway Improvements	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Lane Renewals - Various Locations	3,383	2,750	2,750	2,750	2,750	2,750	17,133
Sidewalk Renewals on Local Streets - Various Locations	400	400	400	400	400	400	2,400
Local Street Renewals - Various Locations	8,500	15,000	12,000	12,000	10,000	10,000	67,500
Residential Thin Bituminous Overlay (TBO)	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Gunn Road - Redonda Street to Plessis Road	615						615
Buffalo Place - Waverley Street to Otter Street	2,040						2,040
Total Regional and Local Streets Program	**43,891**	**50,630**	**29,445**	**49,009**	**31,613**	**43,984**	**248,572**

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

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

Department: Public Works
Project: 180500xx11
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

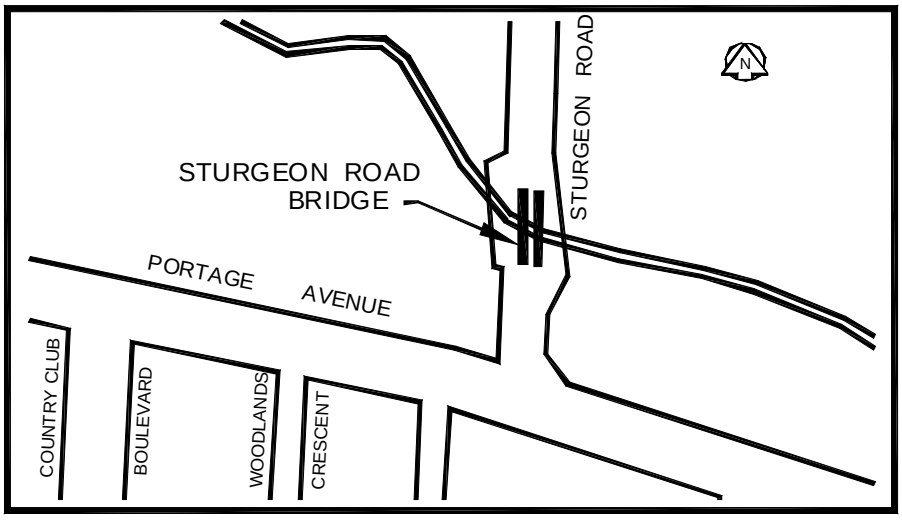
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	2,033	10,977	-	13,010	13,010
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					2,033	10,977		13,010	13,010

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	1,728	9,635	1,647	-	13,010
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				1,728	9,635	1,647		13,010

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*

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. Engineering design in 2011 with construction in 2012.



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

Department: Public Works
Project: 180500xx10

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

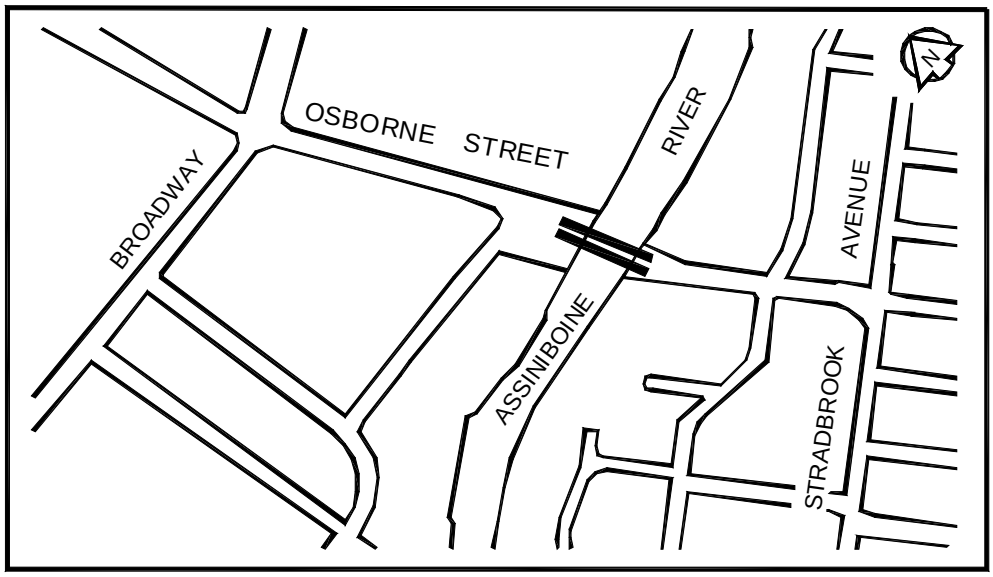
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	1,355	6,776	6,294	-	14,425	14,425
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				1,355	6,776	6,294		14,425	14,425

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	1,152	5,963	6,366	944	-	14,425
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			1,152	5,963	6,366	944		14,425

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			69
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			37
SURPLUS/(DEFICIT)	-	-	32

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

Full rehabilitation of the bridge including roadside safety improvements. 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

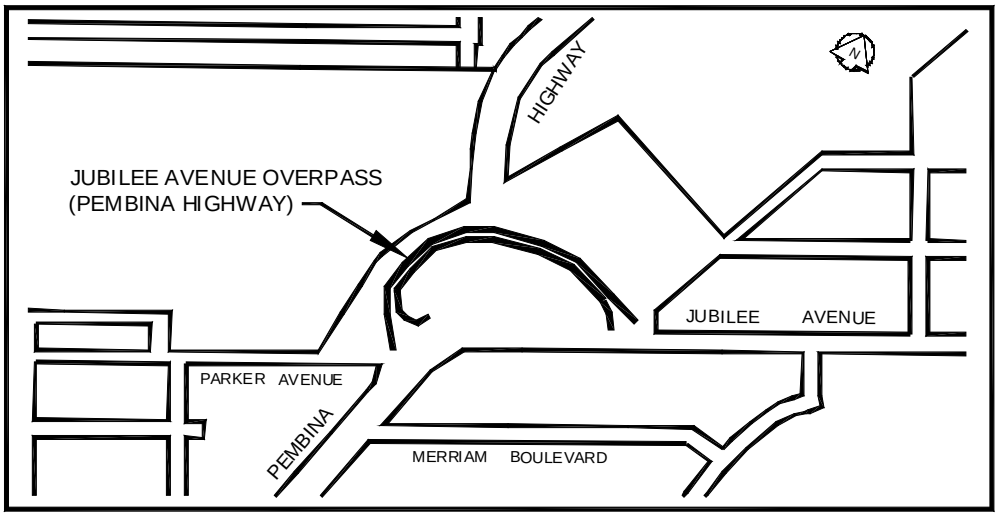
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	896	7,638	-	-	-	8,534	8,534
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			896	7,638				8,534	8,534

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	762	6,627	1,145	-	-	-	8,534
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		762	6,627	1,145				8,534

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		46	398
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		25	288
SURPLUS/(DEFICIT)	-	21	110

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

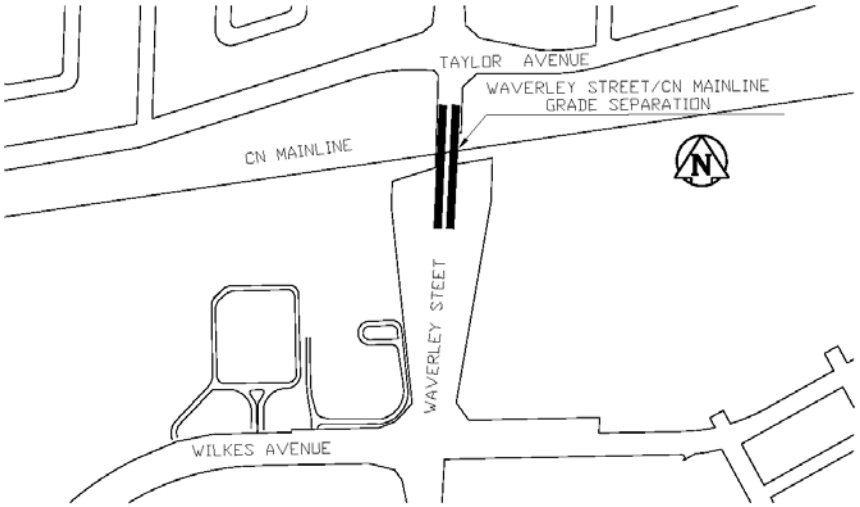
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	1,119	-	-	-	1,119	1,119
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				1,119				1,119	1,119

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)			58
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			31
SURPLUS/(DEFICIT)	-	-	27

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

2010 - Includes preliminary engineering, environmental impact study, public participation, land acquisition, and engineering design.



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

Department: Public Works
Project: 180500xx13

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

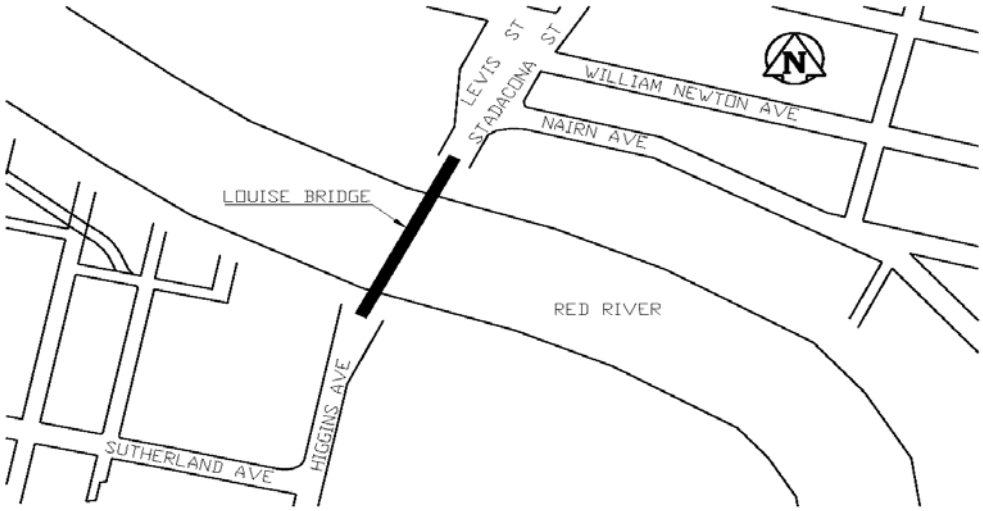
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,581	1,581	1,581
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,581	1,581	1,581

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	1,344	237	1,581
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						1,344	237	1,581

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*

2013 - Project budget shown is to undertake preliminary engineering. A full rehabilitation of the existing 2 lane bridge is estimated at $22,000,000. A replacement project with a 4 lane bridge will be in the $60,000,000 range.



Project Name: **Pembina Highway Underpass**

Department: Public Works
Project: 180500xx13

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

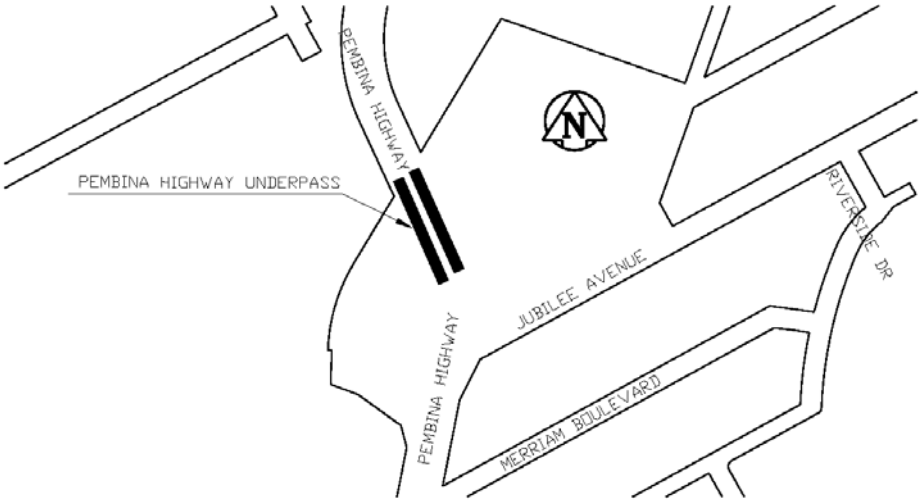
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	6,323	6,323	6,323
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							6,323	6,323	6,323

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	5,375	948	6,323
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						5,375	948	6,323

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*

2013 - Widen northbound to 3 lanes. Construct pedestrian access through the CN Rail Embankment. Improve land drainage/pumping and reconstruct pavement in both directions. Additional funding will be required beyond 2013.



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

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

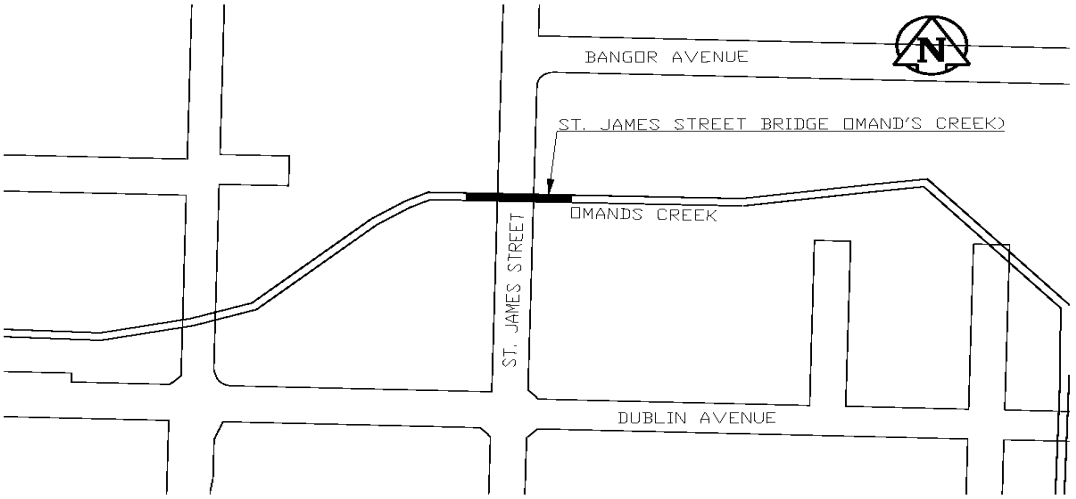
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	3,161	3,161	3,161
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							3,161	3,161	3,161

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	2,687	474	3,161
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						2,687	474	3,161

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*

2013 - Rehabilitation of the single span bridge over Omand's Creek.



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

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

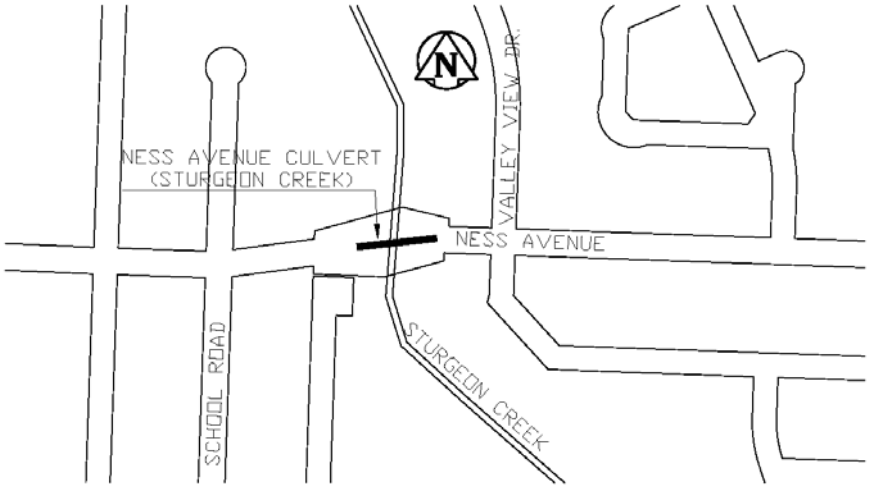
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	3,161	3,161	3,161
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							3,161	3,161	3,161

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	2,687	474	3,161
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						2,687	474	3,161

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*

Replace existing structure with a new bridge. Undertake preliminary and detailed engineering in 2013. Additional funding will be required beyond 2013.



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

Department: Public Works
Project: 1805000108

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)	102	120	120
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	47	210	400
SURPLUS/(DEFICIT)	55	(90)	(280)

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

Annual program to carry out preventative maintenace, 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	96,311	38,000	2,000	2,000	-	-	-	4,000	42,000
Financed by:									
Public Private Partnership		34,000						-	34,000
Cash to Capital (Equity in Capital Assets Fund)		4,000	2,000	2,000				4,000	8,000
Federal Gas Tax				13,862	13,862	13,862	13,862	55,448	55,448
Public Private Partnership Lease Payments				(13,862)	(13,862)	(13,862)	(13,862)	(55,448)	(55,448)

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	4,000	2,000	15,862	13,862	13,862	13,862	360,412	423,860
Financed by:								
Cash to Capital (Equity in Capital Assets Fund) See Note	4,000	2,000	2,000					8,000
Federal Gas Tax			13,862	13,862	13,862	13,862	360,412	415,860

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	240	120	952
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	110	406	596
SURPLUS/(DEFICIT)	130	(286)	356

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

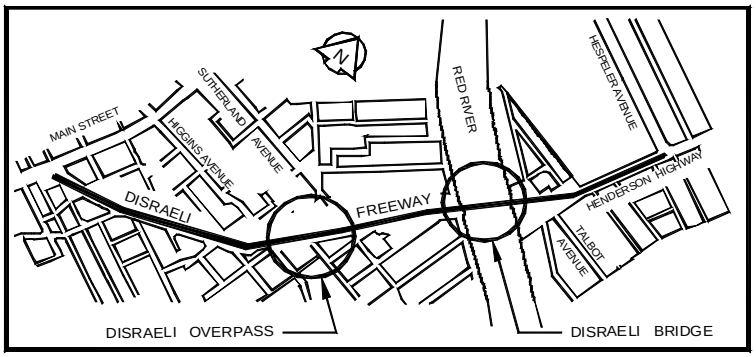
Undertake a full rehabilitation of river bridge, overpass and related roadworks.

Previous budgets include $2.0 M for procurement costs. Additional Cash to Capital funding is required for procurement, administration, internal contract works, & property acquistion in 2008 to 2010.

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

Funding shown is based on the minimum concept recommended by Public Works. Public Consultation with key stakeholders to date favour concepts that provide wider shoulders and sidewalks for cyclists and pedestrians.

Public Private Partnership funding includes street, intersection, and signal improvements, at various off-site locations to ensure detours will work as efficiently as possible. This work is planned to be funded from Cash to Capital and will be undertaken in 2008 during the P3 procurement process to ensure traffic is restored on the bridge by 2010.



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

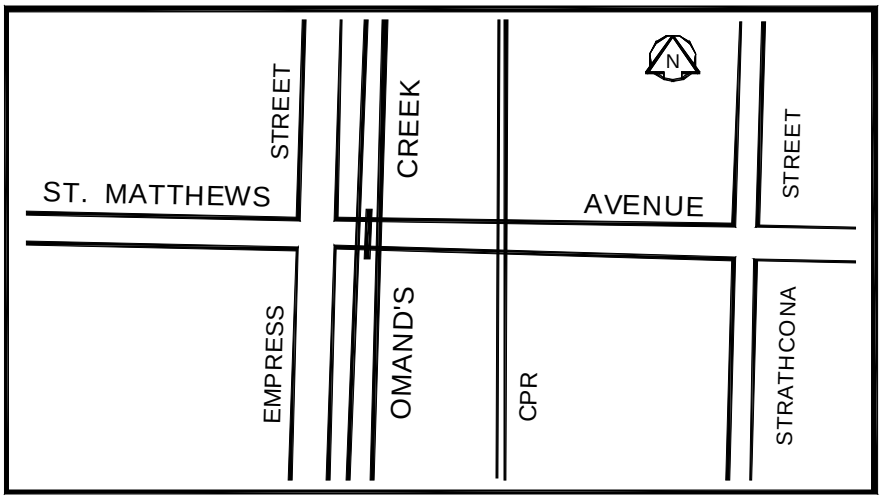
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	-	1,792	-	-	-	-	1,792	1,792
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			192					192	192
Federal Gas Tax			1,600					1,600	1,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)		108	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		6	18
SURPLUS/(DEFICIT)	-	101	(18)

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: 180500xx07

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

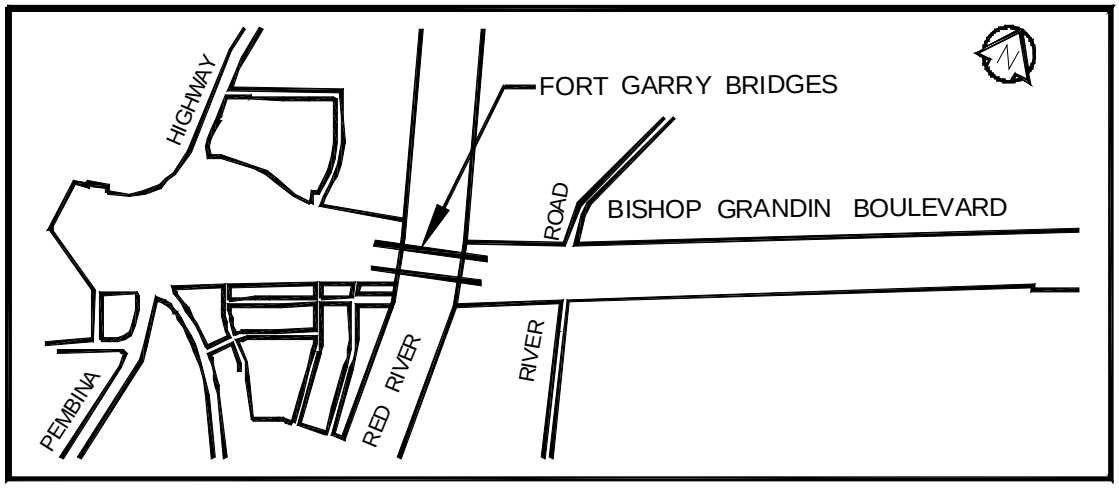
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	10,238	7,840	-	-	-	-	7,840	18,078
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		10,238	1,140					1,140	11,378
Federal Gas Tax			6,700					6,700	6,700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	10,238	7,840	-	-	-	-	-	18,078
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	10,238	1,140						11,378
Federal Gas Tax		6,700						6,700

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	614	470	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	282	909	981
SURPLUS/(DEFICIT)	332	(439)	(981)

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 with construction on the westbound and eastbound bridges in 2008 and 2009 respectively.



Project Name: **Charleswood Bridge**

Department: Public Works
Project: 180500XX08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,478	1,478	1,478	1,478	1,478	1,478	16,258	25,126
Financed by:								
Cash to Capital (Equity in Capital Assets Fund) See Note	1,478	1,478	1,478	1,478	1,478	1,478	16,258	25,126

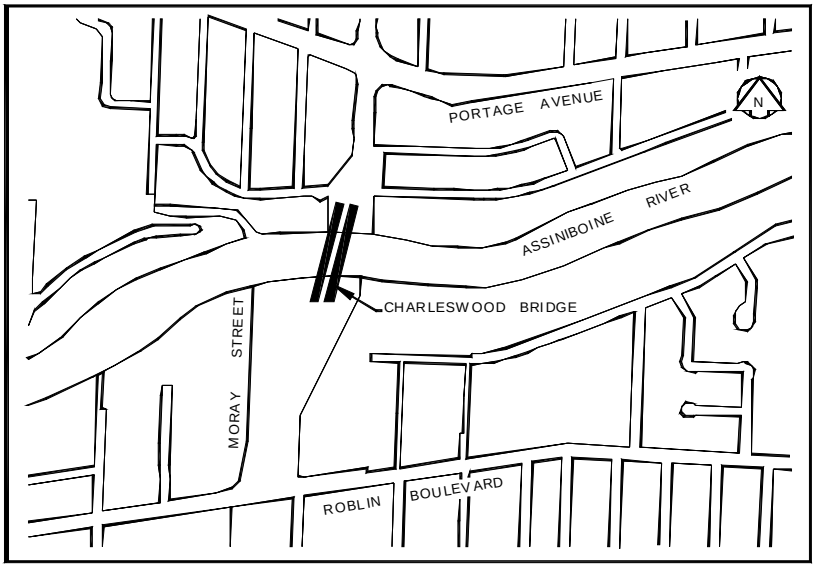
NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	89	89	89
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	174	315
SURPLUS/(DEFICIT)	48	(85)	(226)

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 2013 equals payments to 2024.



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

Department: Public Works
Project: 180100XX07
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,300	62,000	2,000	-	-	-	-	2,000	64,000
Financed by:									
Public Private Partnership		60,000						-	60,000
Cash to Capital (Equity in Capital Assets Fund)		2,000	2,000					2,000	4,000
Federal Gas Tax				1,353	5,415	5,415	5,415	17,598	17,598
Public Private Partnership Lease Payments				(1,353)	(5,415)	(5,415)	(5,415)	(17,598)	(17,598)

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,000	2,000	1,353	5,415	5,415	5,415	144,852	166,450
Financed by:								
Cash to Capital (Equity in Capital Assets Fund) See Note	2,000	2,000						4,000
Federal Gas Tax			1,353	5,415	5,415	5,415	144,852	162,450

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	120	120	81
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	55	235	361
SURPLUS/(DEFICIT)	65	(115)	(280)

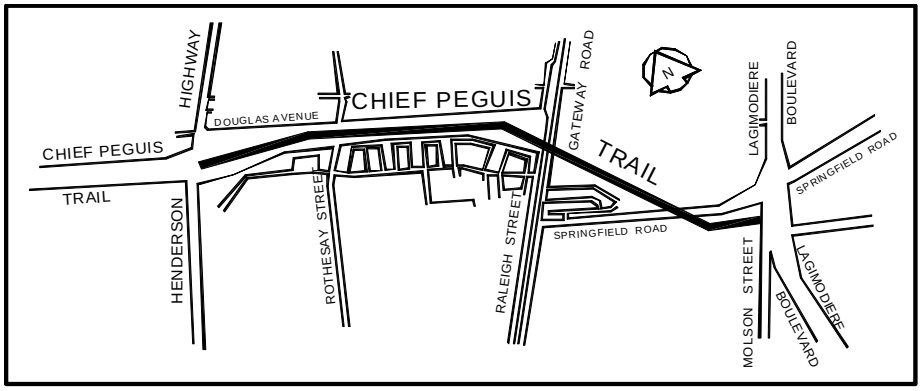
Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

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.

Previous budgets for conceptual design analysis. Cash to Capital funding is required for procurement, administration, internal contract works, and property acquisition in 2008 and 2009.

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 2008 and 2009.



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

Department: Public Works
Project: 1812000108
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	100	100	500	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	85	100	100	100	100	100	15	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	85	100	100	100	100	100	15	600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	2	10	20
SURPLUS/(DEFICIT)	4	(4)	(14)

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 Building Services Division, 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.

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

Department: Public Works
Project: 1813000108
Capital Priority Rating: 2 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	150	150	150	150	150	750	950
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	150	150	150	150	150	750	950

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	170	158	150	150	150	150	22	950
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	170	158	150	150	150	150	22	950

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	10	10	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	20	34
SURPLUS/(DEFICIT)	5	(10)	(24)

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

Land Drainage sewers required in conjunction with isolated catch basins and connections for new pavements in the Regional/Local Streets/back lane systems and Local Improvement projects as well as miscellaneous drainage improvements.

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

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	1,300	-	-	-	-	-	-	1,300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,300						-	1,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,300	-	-	-	-	-	-	1,300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,300							1,300

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	78		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	36	111	111
SURPLUS/(DEFICIT)	42	(111)	(111)

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

The facility will be constructed in 2008 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.

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

Department: Public Works
Project: 1832000XX8

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	324	-	-	-	-	-	-	324
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		324						-	324

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	324	-	-	-	-	-	-	324
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	324							324

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	19		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	28	28
SURPLUS/(DEFICIT)	11	(28)	(28)

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.

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

Department: Public Works
Project: 1814000108

Capital Priority Rating: 2 - 3
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,250	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	12	16	16
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	26	50
SURPLUS/(DEFICIT)	6	(10)	(34)

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: **Reforestation - Improvements**

Department: Public Works
Project: 1850000108

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	383	383	383	383	433	383	1,965	2,348
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		383	383	383	383	433	383	1,965	2,348

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	326	383	383	383	426	390	57	2,348
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	326	383	383	383	426	390	57	2,348

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	20	22	22
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	40	77
SURPLUS/(DEFICIT)	11	(18)	(55)

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: 185200xx08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)	10	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	21	40
SURPLUS/(DEFICIT)	5	(9)	(28)

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;

Funds will be allocated to:	2008	2009	2010	2011	2012	2013	Total
Southdale C.C. - baseball diamonds	100						100
Grant Park Athletic Fields	100						100
Bord Aire Community Centre		30					30
John Blumberg		50					50
Burland Park		60					60
Ed Shindleman		60					60
Athletic Field Upgrading - Various			200	200	200	200	800
	200	**200**	**200**	**200**	**200**	**200**	**1,200**

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

Project Name: **Parks - Improvements**

Department: Public Works
Project: 185300xx08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,250	900	808	262	617	677	3,264	4,514
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,250	900	808	262	617	677	3,264	4,514

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,062	953	822	344	564	668	101	4,514
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,062	953	822	344	564	668	101	4,514

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	64	58	50
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	29	121	208
SURPLUS/(DEFICIT)	35	(63)	(158)

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;

Funds will be allocated to:	2008	2009	2010	2011	2012	2013	Total
Kildonan Park and Peguis Pavilion Upgrading	1,000	900	200				2,100
Kirkbridge Park	250						250
Assiniboine River Walk			408				408
Whittier Park			200				200
Lawn Bowling - various locations				150			150
Various locations				112	617	677	1,406
	1,250	**900**	**808**	**262**	**617**	**677**	**4,514**

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

Project Name: **Playground Structures**

Department: Public Works
Project: 1855000108
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,750	1,750	1,750	1,750	1,800	1,800	8,850	10,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,750	1,750	1,750	1,750	1,800	1,800	8,850	10,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,488	1,750	1,750	1,750	1,793	1,800	269	10,600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,488	1,750	1,750	1,750	1,793	1,800	269	10,600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	90	106	106
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	184	350
SURPLUS/(DEFICIT)	49	(78)	(244)

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

Replacement of playground structures at various locations;

Funds will be allocated to:	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**Total**
Parks & Playground Structures City-wide	1,750	1,750	1,750	1,750	1,800	1,800	10,600
	1,750	**1,750**	**1,750**	**1,750**	**1,800**	**1,800**	**10,600**

* 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: 185600xx08

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	150	150	150	-	-	150	150	450	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150	150			150	150	450	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	127	150	23	-	127	150	23	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	127	150	23		127	150	23	600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	8	9	2
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	16	26
SURPLUS/(DEFICIT)	4	(7)	(24)

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

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

Project Name: **Community Park Amenities**

Department: Public Works
Project: 1855000108

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,500	1,500	1,500	1,500	1,500	1,500	-	9,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,500	1,500	1,500	1,500	1,500	1,500		9,000

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	90	90	90
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	177	319
SURPLUS/(DEFICIT)	49	(87)	(229)

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

Improvement of park amenities at various locations.

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

Department: Corporate Finance
Project: 1220xxxx06
Capital Priority Rating: 2 - 3
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2008 Forecast	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	3,794	1,600	1,600	1,600	1,600	1,600	8,000	11,794
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		906	225	80	80	80	80	545	1,451
Interim Financing	745	(600)	(145)					(145)	(745)
External Debt		3,488	1,520	1,520	1,520	1,520	1,520	7,600	11,088

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	3,225	1,929	1,600	1,600	1,600	1,600	240	11,794
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	860	259	80	80	80	80	12	1,451
Interim Financing	(600)	(145)						(745)
External Debt	2,965	1,815	1,520	1,520	1,520	1,520	228	11,088

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	194	116	96
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	89	337	510
SURPLUS/(DEFICIT)	105	(221)	(414)

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 Department
Capital Priority Rating: 1 - 2

Project: 62510001yy
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,421	1,449	1,478	1,508	1,538	1,569	7,542	8,963
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,421	1,449	1,478	1,508	1,538	1,569	7,542	8,963

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,421	1,449	1,478	1,508	1,538	1,569	-	8,963
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,421	1,449	1,478	1,508	1,538	1,569		8,963

NET OPERATING IMPACT	2007	2008	2009
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	39	182	321
SURPLUS/(DEFICIT)	(39)	(182)	(321)

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, has requested and built-in 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 Department
Capital Priority Rating: 1 - 2

Project: 62130001yy
Service: Libraries

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,271	-	3,000	2,000	-	4,000	2,000	11,000	11,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			3,000	2,000		4,000	2,000	11,000	11,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	3,000	2,000	-	4,000	2,000	-	11,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		3,000	2,000		4,000	2,000		11,000

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		98	351
SURPLUS/(DEFICIT)	-	(98)	(351)

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.

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

Department: Community Services Department
Capital Priority Rating: 1 - 2
Project: 62110005yy
Service: Libraries

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	-	-	200	500	1,200	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500			200	500	1,200	1,200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	500	-	-	200	500	-	1,200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		500			200	500		1,200

NET OPERATING IMPACT	2008	2009	2010
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*

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	750	-	-	500	-	-	-	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				500				500	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	500	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			500					500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			16
SURPLUS/(DEFICIT)	-	-	(16)

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

The 2010 project seeks to build upon community and neighbourhood information resources established by the Community Resource Area (CRA) Phase of the Integrated Property-Based Systems Capital Program. The project will build infrastructure (eg. Expanded software servers; public access kiosks or an alternative accessing method) 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 America have begun to lead these types of enhanced information sharing/partnership initiatives.

a) Automation of Environmental Health Inspection and Reporting Systems - This project entails delivery of a complete Public Health Inspections Information system. The objective is to capitalize on the workflow improvements possible under the Amanda (BUILD) and License systems already in use within the Community Services Department's License Branch and Planning, Property and Development's permit and inspection systems. (99% completed).

b) Community Resource Area (CRA) data model and application development - This project will create and implement a Community Resource database. The project will integrate community-related information from City departments such as Property Assessment, 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.

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 Department
Capital Priority Rating: 3 - 2
Project: 622xxxxxyy
Service: Insect Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	160	160	160	-	-	-	320	480
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		160	160	160				320	480

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	160	160	160	-	-	-	-	480
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	160	160	160					480

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	20	36
SURPLUS/(DEFICIT)	(4)	(20)	(36)

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: **Renovate and Refurbish Various Library Branches**

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,250	-	-	-	300	1,000	1,300	2,550
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,250				300	1,000	1,300	2,550

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,250	-	-	-	300	1,000	-	2,550
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,250				300	1,000		2,550

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	34	119	119
SURPLUS/(DEFICIT)	(34)	(119)	(119)

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

A capital program is needed to support ongoing renovations and refurbishments 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, counters and service points, and undertaking minor and major renovation projects in order to improve library facilities abilities to meet the changing needs of library users.

Project Name: **Imaging and Document Management**

Department: Community Services Department
Capital Priority Rating: 1 - 2
Project: 626xxxxxyy
Service: Community Services - Other

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	250	250	250	-	-	750	750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			250	250	250			750	750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
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*

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	500	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			500					500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			16
SURPLUS/(DEFICIT)	-	-	(16)

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

By 2010, the majority of the library's current technological hardware/software systems will be outdated. Capital funding is required to supplement funding from the Library Technology Reserve Fund in order to begin a major upgrade and replacement of existing hardware platform and associated software upgrade requirements. Funding will be used to replace the hardware platform for the automated library system and upgrade associated library system (Horizon) software components.

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

Department: Community Services Department
Capital Priority Rating: 1 - 2
Project: 62500001yy
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	400	400	600	300	-	400	400	1,700	2,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400	600	300		400	400	1,700	2,100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	400	600	300	-	400	400	-	2,100
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	600	300		400	400		2,100

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	58	105
SURPLUS/(DEFICIT)	(11)	(58)	(105)

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

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

Each year portions 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 and 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).

2008 and 2009 Funding: Priorities would include development of family change rooms at selected recreation/aquatics facilities. Replacement and addition of security systems that provide building perimeter entry security and visual surveillance of non-staffed areas at 3 facilities each year. Replace 20% of outdated and worn out fitness equipment at recreation facilities each year. Upgrading of accessibility at 2 facilities in 2008 and 4 facilities in 2009.

2010 and 2012 Funding: Replacement and addition of security systems that provide building perimeter entry security and visual surveillance of non-staffed areas at 3 facilities each year. Replace 15% of outdated and worn out fitness equipment at recreation facilities each year. Upgrading of accessibility at 2 facilities in 2010 and 3 facilities in 2012.

2013 Funding: Continuing evaluation and addition of security systems providing building perimeter entry security and visual surveillance of facilities to ensure both patron and staff security. Ongoing replacement of outdated and worn out fitness equipment to meet the program needs of patrons.

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

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	200	200	400	400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						200	200	400	400

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	200	200	-	400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					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*

Capital funding is needed to address the specific needs on the exterior of library facilities that is not possible within existing library operating budgets. 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 needed 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 Department
Capital Priority Rating: 1 - 2

Project: 62510001yy
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	400	-	-	-	-	400	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400	400					400	800

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	400	400	-	-	-	-	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	400						800

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	11	51	76
SURPLUS/(DEFICIT)	(11)	(51)	(76)

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

On June 29, 2005, Council approved $43 million for recreation and leisure facilities. A capital project is needed to purchase recreation equipment to meet the program needs of patrons in new and /or expanded facilities that cannot be supported within the existing operating budget. These facilities include the North End Recreation and Leisure Facility, Kildonan Park Urban Oasis, and Cindy Klassen Recreation Centre.

Project Name: **Business Application Systems**

Department: Community Services Department
Capital Priority Rating: 1 - 2

Project: 626xxxxxyy
Service: Community Services - Other

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	250	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						250		250

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*

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: **Sports Facility Program**

Department: Community Services Department
Capital Priority Rating: 1 - 2

Project: 625xxxxxyy
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	40	-	-	-	-	-	-	40
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		40						-	40

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	40	-	-	-	-	-	-	40
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	40							40

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	1	4	4
SURPLUS/(DEFICIT)	(1)	(4)	(4)

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

Funding for the Sports Facility Program was the result of tripartite agreement involving the City of Winnipeg, the Province of Manitoba and Sport Manitoba. The Province of Manitoba and Sport Manitoba contributed their shares up front. Any projects that are funded from these funds must be approved by all three [3] parties. Reimbursement for qualifying projects is made only after paid invoices are submitted by groups receiving funding approval.

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

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	2,000	2,000	2,000	2,000	3,000	11,000	11,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			2,000	2,000	2,000	2,000	3,000	11,000	11,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	2,000	2,000	2,000	2,000	3,000	-	11,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		2,000	2,000	2,000	2,000	3,000		11,000

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		65	255
SURPLUS/(DEFICIT)	-	(65)	(255)

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

Capital dollars are being spent to improve deteriorating facilities, improve customer service areas such as walkways and washrooms, and improve and replace animal enclosures.

Specific enhancements for the Assiniboine Park are as follows:

- Conservatory greenhouse repairs, upgrades, automated system installation
- Annual sewer and water line repair and replacement in the zoo and park
- Zoo building roof replacements; demolition of old exhibits; zoo facility maintenance
- Zoo building and exhibit renovations for safety, aesthetics and zoo accreditation requirements
- Fire, security, accessibility and alarm upgrades to park buildings
- Park pathway and road upgrades
- Phased Implementation of Assiniboine Park Framework Plan
- Improvements to Green Infrastructure - tree pruning and replacement, general field improvements and drainage, rehab riparian forest area
- Landscaping, drainage and siteline improvements around the Duck Pond
- Security and aesthetic fencing around the English Garden and Leo Mol Garden areas

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

Project Name: **Renovations - 5th Floor Public Safety Building**

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	616	-	-	-	616	616
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				616				616	616

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	616	-	-	-	-	616
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			616					616

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 current Police Service offices no longer service the needs of executive members and staff due to organizational changes that have taken place. Some offices are too small to be functional while other areas contain much wasted space. This project will address those concerns. Expected life is 20 years.

Project Name: **Emergency Exit Overpass - 4th Floor Public Safety Building to Parkade**

Department: Winnipeg Police Service
Project: 2200000409
Capital Priority Rating: 3 - 4
Service: Police Response

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	336	-	-	-	-	336	336
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			336					336	336

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	336	-	-	-	-	-	336
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		336						336

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*

In an internal review of 911 services and Police disaster response, a concern with respect to evacuating Communications personnel from the Public Safety Building (PSB) was identified. Communications personnel cannot evacuate their workstations (located on the 4th floor, PSB) quickly in the event of a threat to the PSB or shut down of the primary communication system. It is proposed to provide a covered walkway from the 4th floor PSB to the Civic Centre Parkade to address this concern. The useful life of this project is expected to be in excess of 20 years.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,400	1,815	4,683	-	-	-	6,498	8,898
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,400	1,815	4,683				6,498	8,898

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,400	1,815	4,683	-	-	-	-	8,898
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	2,400	1,815	4,683					8,898

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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	260	-	-	-	-	260
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			260					260

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*

Currently 44% of emergency 911 calls are made by persons using cellular phones. This is projected to increase to 50% by 2009. Research indicates that 15% of the time a caller is unable to provide a location or the call is terminated before the operator can obtain information. When a caller is using a land line phone the Police Service can identify the location and number and effect 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.

Also, by 2009 it is estimated that 33% of emergency 911 calls will come from Voice over Internet Protocol (VoIP) technology. By this time 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	500	-		-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				500				500

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*

A new Automated Fingerprint Identification System (AFIS) will be installed late 2007. Life expectancy of equipment is estimated to be 5 to 6 years. The system hardware will become obsolete and subject to reduced and/or withdrawn maintenance support. The 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	427	-	-	-	-	427
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			427					427

NET OPERATING IMPACT	20058	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 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 5 of 35 recommendations reported in the June 2002 City of Winnipeg Audit Department's indepth 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: 633100xx10

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	700	896	-	-	-	-	896	1,596
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		700	896					896	1,596

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	700	896	-	-	-	-	-	1,596
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	700	896						1,596

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	21		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		67	
SURPLUS/(DEFICIT)	21	(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. The shooting range is located within the Waverley West area and 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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 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: 22XXXXXXYY
Capital Priority Rating: 3 - 2
Service: Police Response

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,108	768	-	-	7,611	8,220	16,599	18,707
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,108	768			7,611	8,220	16,599	18,707

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,108	768	-	-	7,611	8,220	-	18,707
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	2,108	768			7,611	8,220		18,707

NET OPERATING IMPACT	2008	2009	2010
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 (formally known as Forensic Services) is presently housed in the Public Safety Building (PSB). 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 volumes.

Project Name: **Winnipeg Police Service Communications**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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*

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 faciliity.

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

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	323	-	323	323
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						323		323	323

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	323	-	-	323
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					323			323

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*

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. There is a potential for the requirement that videotaping will even expand in scope as only videotaping is now required in interview rooms.

Project Name: **Police Building Replacement**

Department: Winnipeg Police Service
Project: 633100xx10

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	29,380	29,145	-	-	-	-	-	-	29,145
Financed by:									
Public Private Partnership		32,895						-	32,895
Cash to Capital (Equity in Capital Assets Fund)		(3,390)	1,081	1,609	3,185	4,243	4,296	14,414	11,024
Public Private Partnership Lease Payments		(360)	(1,081)	(1,609)	(3,185)	(4,243)	(4,296)	(14,414)	(14,774)

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	(3,390)	1,081	1,609	3,185	4,243	4,296	156,533	167,557
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	(3,390)	1,081	1,609	3,185	4,243	4,296	156,533	167,557

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

The 2007 Adopted Capital Budget and 2008 to 2012 Five-Year Forecast approved by Council on January 7, 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 (P3) contract for the development and operation of the East District Police Station.

The above estimates have been prepared by the Public Service based on the P3 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. This capital detail sheet was prepared by Planning, Property and Development, and was formally called the Four District Model Building Replacement.

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

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,792	-	2,600	-	840	850	4,290	6,082
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,792		2,600		840	850	4,290	6,082

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	592	1,200	500	2,100	400	840	450	6,082
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	592	1,200	500	2,100	400	840	450	6,082

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	80	181
SURPLUS/(DEFICIT)	(12)	(80)	(181)

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

This project represents a consolidation of all station relocations, facilities improvements and replacements. Winnipeg Fire Paramedic Service (WFPS) is completing the replacement of Station #21 (Pandora Avenue West) from previously approved capital funding. Phase 1 of the replacement of Station #4 (Stradbrook and Osborne) was approved in 2006, however, infrastructure needs and priorities for building of stations have changed, and it is now envisioned that a replacement for Station #11 (200 Berry) will be the next build. A combination of part of the money approved in 2006 for Station #4 and the proposed budget for 2008 will be utilized for this station. Station #4 is to be deferred to a later date.

Funds will be allocated to:	2008	2009	2010	2011	2012	2013	Total
Station #11 Replacement							
Phase 2 - construction	1,792						1,792
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
	1,792	**-**	**2,600**	**-**	**840**	**850**	**6,082**

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

Project Name: **Computer Automation**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 3
Project: 6361000408
Service: Planning Property and Development - Other

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	185	165	200	200	200	200	965	1,150
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		185	165	200	200	200	200	965	1,150

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	185	165	200	200	200	200	-	1,150
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	185	165	200	200	200	200		1,150

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	5	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		18	33
SURPLUS/(DEFICIT)	6	(13)	(27)

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: **Land Acquisition for General Unspecified Purposes**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 2+2
Project: 6321100108
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	328	500	500	500	500	500	2,500	2,828
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		328	500	500	500	500	500	2,500	2,828

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	328	500	500	500	500	500	-	2,828
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	328	500	500	500	500	500		2,828

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	9	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		31	79
SURPLUS/(DEFICIT)	9	(16)	(64)

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: **Riverbank Greenway Programs (formerly Pathways)**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 2
Project: 6351300108
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	893	465	222	185	203	351	381	1,342	1,807
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		465	222	185	203	351	381	1,342	1,807

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	465	222	185	203	351	381	-	1,807
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	465	222	185	203	351	381		1,807

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	14	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		44	65
SURPLUS/(DEFICIT)	14	(38)	(59)

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.

Project Name: **Land Acquisition - Riverbank**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 2+2
Project: 6351600108
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	300	200	200	200	-	900	900
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			300	200	200	200		900	900

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	300	200	200	200	-	-	900
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		300	200	200	200			900

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		9	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			29
SURPLUS/(DEFICIT)	-	9	(23)

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

This program is required for the acquisition of riverbank lands for the City's linear parkway system, which is designed to promote the use of Winnipeg's rivers and riverbanks by facilitating public access to these areas for the purposes of transportation and recreation through the provision of a variety of accessibility improvements. The current top six priority parkways include North Winnipeg, Churchill Drive, Kildonan, St. Boniface, Fort Rouge and Assiniboine, in no particular order.

The funds are included in the additional years to allow the opportunity to respond to acquisitions that occur on an infrequent but regular basis and allow the department the opportunity to respond to market place opportunities.

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

Project Name: **Cemeteries - Improvements**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 3
Project: 6322100108
Service: Cemeteries

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,016	250	-	-	-	100	100	200	450
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250				100	100	200	450

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	250	-	-	-	100	100	-	450
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250				100	100		450

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	7		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		24	24
SURPLUS/(DEFICIT)	7	(24)	(24)

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

These funds are used for miscellaneous improvements to Brookside and St. Vital Cemeteries including roadway, resurfacing, drainage improvements, and tree planting.

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 current inventories of columbaria at Brookside and St. Vital cemeteries will be depleted by the end of 2007 and many customers are waiting to make purchases following new installations.

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

Department: Planning, Property and Development
Capital Priority Rating: 3 - 4
Project: 6351300208
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,200	1,500	1,000	1,000	1,000	1,000	1,000	5,000	6,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,500	1,000	1,000	1,000	1,000	1,000	5,000	6,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,500	1,000	1,000	1,000	1,000	1,000	-	6,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,500	1,000	1,000	1,000	1,000	1,000		6,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	44	29	29
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		143	238
SURPLUS/(DEFICIT)	44	(114)	(209)

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

Riverbank stabilization of St. Vital Park was scheduled for completion under this project in 2007, however, $1.0 million was accessed from this Planning, Property and Development project for Pembina Highway and Grandmont Blvd riverbank stabilization project of the Public Works Department as "first call" against the 2007 Capital Budget (Council meeting December 6, 2007)

On January 25, 2007, Council approved that an expenditure of $900,000 be authorized before the 2008 Capital Budget, as a first call against the 2008 Capital Budget for riverbank stabilization of St. Vital Park.

An allocation of $1.5 million in the 2008 budget will facilitate stabilization of another priority site in the winter 2008-2009.

Additional funds are required in the 2008 capital budget as the 2007 funds were reallocated to the protection of Pembina Highway and away from the tendered work related to Bunn Creek, St. Vital Park and St. John's Park. The additional funds are required to bring the asset protection program back into line with existing commitments and priorities.

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:

Riverbank Stabilization - Physical Asset Protection (cont'd):

Site	Amount
Red River - St. Vital Park	1,749,000
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:	**$11,079,000**

Project Name: **Downtown Enhancement Program**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351800108
Service: City Beautification

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
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 aesthetic improvements and required infrastructure upgrades to the Downtown and Exchange District. It will provide enhanced pedestrian environments and fulfill the commitment to "Downtown First" philosophy. The program will support and develop ongoing partnership opportunities for future development and redevelopment, and projects such as: Old Market Square; Portage and Main; Broadway; Downtown Wayfinding; Hydro Tower; Millenium Library Park; etc.

The City has also adopted a Universal Design Policy that commits the City of Winnipeg to an enhanced pedestrian environment. Funding will also be used to support the National Historic Site Designation of the Exchange District.

These aesthetic improvements are over and above and exclusive of work assumed by the Public Works Department, including curb replacement, street and sidewalk paving and required maintenance of existing infrastructure.

Priorities for development in 2007 were Millenium Library Park and Old Market Square. Priorities from 2008-2013 are Old Market Square, Manitoba Hydro Precient, Central Park, Portage Avenue Lighting Strategy and Strategic Streetscape Enhancements.

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

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351241508
Service: City Beautification

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
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*

The work focuses on the designed 6 image routes, 14 neighbourhood main streets, and 4 scenic drives. The funds will be utilized to initiate, partner and implement streetscape and open space enhancements, to promote and enhance the City of Winnipeg's image. The former Parks and Recreation Department has historically been responsible for initiatives involving streetscape landscaping and aesthetic enhancements. The Planning, Property and Development Department has taken on the responsibility to re-establish and coordinate this city-wide initiative. These enhancements are exclusive of work assumed by the Public Works Department that includes curb, street and sidewalk repairs and replacement.

This enhancement program will continue in partnership with the private sector to take the form of decorative medians, pedestrian lighting, poles, special entry nodes, special pavement treatments; character signage; and site furniture including benches, waste receptacles, plant tree grates, information kiosks, etc.

Year 1 - Airport to Downtown/Osborne Street BIZ/Corydon Avenue BIZ/Mosaic Village/Portugese Village/West End BIZ.

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

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	112	-	-	-	-	112	112
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			112					112	112

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	112	-	-	-	-	-	112
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		112						112

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		3	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			11
SURPLUS/(DEFICIT)	-	3	(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 Accommodation Division. The department has an existing graphical, architectural based system which provide building specific information on space measurement and utilization.

As well, the department has standardized on a 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	700	-	300	-	-	-	-	300	300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			300					300	300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	300	-	-	-	-	-	300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		300						300

NET OPERATING IMPACT	2008	2009	2010
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*

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 system. These developments have taken the form of riverbank stabilization, riverdock access, 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: 6351400708
Service: City Beautification

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
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 Millenium Library, Vimy Ridge Park, Living Prairie Museum, Bishop Grandin Greenway, and Assiniboine Park.

Priority sites identified for public art installations 2007-2009 include St. Boniface Sculpture Garden, Redwood Bridge, John Hirsh Way, St. Boniface Museum, Old Market Square, River and Osborne and Central Park. Sites are identified by the WAC Public Art Committee in consultation with City of Winnipeg staff and other agencies.

Project Name: **Building Communities**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 4
Project: 6351200008
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	* 6,000	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)		1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Manitoba Winnipeg Infrastructure Program (MWIP)		1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,000	2,000	2,000	2,000	2,000	2,000	-	12,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,000	1,000	1,000	1,000	1,000	1,000		6,000
Manitoba Winnipeg Infrastructure Program (MWIP)	1,000	1,000	1,000	1,000	1,000	1,000		6,000

NET OPERATING IMPACT	2008	2009	2010
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*

The 'Building Communities' Initiative is a capital expenditure program that invests in the public infrastructure in Winnipeg's neighbourhoods. The program's goals are to improve living conditions in Winnipeg's older neighbourhoods, where capital improvements in housing renewal, 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 at the end of 2007. The City and Province have jointly funded capital investment programs in older, physically declining neighbourhoods since 1974.

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

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

Department: Civic Accommodations
Project: 63310000208
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	-	500	500	500	500	2,000	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500		500	500	500	500	2,000	2,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)	15		15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	48
SURPLUS/(DEFICIT)	15	(48)	(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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	-	300	300		600	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					300	300		600	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	300	300		-	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				300	300			600

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*

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: 6331000308
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	100	300	100	124	100	724	724
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			100	300	100	124	100	724	724

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	100	300	100	124	100	-	724
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		100	300	100	124	100		724

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		3	9
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			10
SURPLUS/(DEFICIT)	-	3	(1)

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: 6331001708
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	500	800	200	200	250	1,950	2,450
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	500	800	200	200	250	1,950	2,450

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	500	800	200	200	250	-	2,450
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	500	500	800	200	200	250		2,450

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	15	15	24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	95
SURPLUS/(DEFICIT)	15	(33)	(71)

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: 6331000408
Capital Priority Rating: 3 - 4
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	200	500	200	200	200	1,300	1,300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			200	500	200	200	200	1,300	1,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	200	500	200	200	200	-	1,300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		200	500	200	200	200		1,300

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		6	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	6	(4)

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: **Public Safety Building - Exterior Cladding**

Department: Civic Accommodations
Project: 6331000908
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	12,900	3,033	5,367	-	-	-	-	5,367	8,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		3,033	5,367					5,367	8,400

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	3,033	5,367	-	-	-	-	-	8,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	3,033	5,367						8,400

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	88	156	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		289	800
SURPLUS/(DEFICIT)	88	(133)	(800)

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

Existing limestone cladding 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 the exterior cladding for the Public Safety Building (PSB). Relocation of most of the PSB tenants is required as part of the construction project. Almost a third of the staff will have to be moved from the building. This project is linked with the construction of other permanent Winnipeg Police Service facilities. Construction of the first district station facilitates the relocation (decanting) of PSB occupants during PSB Cladding Replacement.

Project Name: **Energy Conservation**

Department: Civic Accommodations
Project: 6331000608
Capital Priority Rating: 3 - 4
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	-	300	-	200	-	500	700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200		300		200		500	700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	200	-	300	-	200	-	-	700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200		300		200			700

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6		9
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	19
SURPLUS/(DEFICIT)	6	(19)	(10)

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

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

Essential: 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: 6331000108
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	200	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					200			200

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*

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.

Essential: Structural Repairs.

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

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	-	-	500	-	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						500		500	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	500	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					500			500

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*

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: 6331000708

Capital Priority Rating: 3 - 2
Service: Heritage Conservation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	500	400	-	200	200	1,300	1,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	500	400		200	200	1,300	1,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	200	500	400	-	200	200	-	1,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200	500	400		200	200		1,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	15	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	67
SURPLUS/(DEFICIT)	6	(4)	(55)

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.

Essential: Structural repairs.

* 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: 6331000808
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	550	400	-	900	-	200	500	1,600	2,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400		900		200	500	1,600	2,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	400	-	900	-	200	500	-	2,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400		900		200	500		2,000

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	12		26
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	38
SURPLUS/(DEFICIT)	12	(38)	(12)

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: 6331001208
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	-	500	1,000	-	200		1,700	1,700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500	1,000		200		1,700	1,700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	500	1,000	-	200		-	1,700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		500	1,000		200			1,700

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		15	29
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			48
SURPLUS/(DEFICIT)	-	15	(19)

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	800	400	200	-	1,400	1,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				800	400	200		1,400	1,400

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	800	400	200	-	-	1,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			800	400	200			1,400

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	24

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:

Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	2,700	2,700	2,700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							2,700	2,700	2,700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	2,700	-	2,700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						2,700		2,700

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*

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 Information Technology computer equipment.

Project Name: **Parking Surface Lot Repairs**

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

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	200	200	200	200	800	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200	200	200	200	800	800

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	200	200	200	200	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200	200	200	200		800

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	6

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

Funds set aside for repair and replacement of surface parking lots for City buildings. 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: **Public Works / Water & Waste Departments Facilities Consolidation**

Department: Civic Accommodations
Project: 6331000508
Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	19,942	973	-	-	-	-	-	-	973
Financed by:									
Land Operating Reserve Fund		973						-	973

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	973	-	-	-	-	-	-	973
Financed by:								
Land Operating Reserve Fund	973							973

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	28		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		93	93
SURPLUS/(DEFICIT)	28	(93)	(93)

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

The need to relocate the Central Works Yard and the adoption by Council in 1998 of the Strategic Facilities Master Plan led to the development of the 1999 Public Works/Water & Waste Facilities Master Plan.

On March 21, 2001 Council authorized the Planning, Property and Development Department to proceed with the Public Works/Water & Waste Facilities Master Plan.

These funds are to be used to consolidate staff to fewer locations. The Public Works and Water & Waste Departments' administrative staff are to be consolidated on Pacific Avenue and a new East Yards Complex is to be constructed to consolidate seven different existing Public Works Yards locations.

Funds in 2008 are required for the construction of the East Yard Complex. As directed by Council, the source of these funds is the net proceeds of disposition of those properties rendered surplus as a result of the consolidation.

Essential/fundamental to productivity gain: improved operations for occupants.

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

Department: Planning Property and Development
Capital Priority Rating: 1 - 4
Project: 6390000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	540	500	500	500	500	500	2,500	3,040
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		540	500	500	500	500	500	2,500	3,040

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	465	500	500	500	500	500	75	3,040
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	465	500	500	500	500	500	75	3,040

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	28	30	30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	13	56	104
SURPLUS/(DEFICIT)	15	(26)	(74)

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

Refurbishing and Improvements. Projects for 2008 include the following:

Roofing/Building Envelope at Garden City, Central, Varsity View and Park City West CC	500
Roofing at #1 Sir John Franklin Road	40
	540

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

Project Name: **Arenas**

Department: Planning Property and Development
Capital Priority Rating: 1 - 4
Project: 6391000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	446	525	525	525	525	525	79	3,150
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	446	525	525	525	525	525	79	3,150

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	26	32	32
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	12	55	105
SURPLUS/(DEFICIT)	14	(23)	(73)

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 2008 include the following:

Roofing - portions of Billy Mosienko	125
Upgrade arena access	200
Mechanical /Electrical System Component replacements - various arenas	100
Parking lot repairs / replacement - Various locations	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: Planning Property and Development
Capital Priority Rating: 1 - 4
Project: 6392000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,450	2,450	2,450	2,450	2,530	2,530	12,410	14,860
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,450	2,450	2,450	2,450	2,530	2,530	12,410	14,860

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,083	2,450	2,450	2,450	2,518	2,530	379	14,860
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	2,083	2,450	2,450	2,450	2,518	2,530	379	14,860

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	124	148	148
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	57	257	490
SURPLUS/(DEFICIT)	67	(109)	(342)

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 2008 include the following:

Emergency Lighting, Electrical Systems, Fire Alarms Program at Various Pools	200
HVAC Mechanical - Exhaust Systems	100
Roof Replacement/ Building Envelope at Pan Am	800
Cindy Klassen Recreation Complex and relocation of the West End Library	1,100
Water Slide Replacement - Elmwood Kildonan Pool	250
	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: Planning Property and Development
Capital Priority Rating: 1 - 4
Project: 6393000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	350	350	450	450	450	450	2,150	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		350	350	450	450	450	450	2,150	2,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	298	350	435	450	450	450	67	2,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	298	350	435	450	450	450	67	2,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	18	22	26
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	37	73
SURPLUS/(DEFICIT)	10	(15)	(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 2008 include the following:

Basin and apron / equipment replacement / repairs - Various Wading Pool Locations	250
Refurbish Westdale Outdoor Pool Building	100
	350

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

Project Name: **Community Facilities**

Department: Planning Property and Development
Capital Priority Rating: 1 - 4

Project: 6394000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)	10	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	21	40
SURPLUS/(DEFICIT)	5	(9)	(28)

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 2008 is to replace / repair Building Envelope at 200 Isabel Module 1, and St. Johns 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: Planning Property and Development
Capital Priority Rating: 1 - 4
Project: 6396000108
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	191	225	225	225	225	225	34	1,350
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	191	225	225	225	225	225	34	1,350

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	12	14	14
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	24	45
SURPLUS/(DEFICIT)	7	(10)	(31)

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

Upgrading/replacement of fire safety systems, emergency lighting, and asbestos abatement at 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: Planning Property and Development
Capital Priority Rating: 3 - 4
Project: 6397000108
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	125	125	125	125	125	125	625	750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		125	125	125	125	125	125	625	750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	106	125	125	125	125	125	19	750
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	106	125	125	125	125	125	19	750

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	8	8
Less:			
Operating expenditures increase/(decrease)	5	6	6
Debt and finance charges increase	3	13	25
SURPLUS/(DEFICIT)	(2)	(11)	(23)

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: Planning Property and Development
Capital Priority Rating: 3 - 4
Project: 639000xx08
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	100	100	-	-	-	-	100	200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100					100	200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	100	100	-	-	-	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	100						200

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	6	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	12	18
SURPLUS/(DEFICIT)	3	(6)	(18)

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

The City Auditor presented a 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.

Project Name: **UFF - Hockey Pen Light Standard Replacement**

Department: Planning Property and Development
Capital Priority Rating: 3 - 4
Project: 639000xx08
Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	100	100	500	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	100	100	100	100	100	100	-	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	100	100	100	100	100		600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	12	21
SURPLUS/(DEFICIT)	3	(6)	(15)

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 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 RALF policy context amongst other things.

Project Name: **Recreation and Leisure Facilities**

Department: Planning Property and Development

Capital Priority Rating: 1 - 4

Project: 6399000108

Service: Recreation

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	24,260	17,375	2,125	100	-	-	-	2,225	19,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				860	9,000			9,860	9,860
General Purpose Reserve		2,650			(9,000)			(9,000)	(6,350)
Transfer from Sewage Disposal Utility Capital Program		923		3,292				3,292	4,215
Canada Strategic Infrastructure Fund - Province		5,125	3,638	3,112				6,750	11,875
Interim Financing (Repayment)		8,677	(1,513)	(7,164)				(8,677)	-

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	14,769	4,731	100	-	-	-	-	19,600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			860	9,000				9,860
General Purpose Reserve	44	2,606		(9,000)				(6,350)
Transfer from Sewage Disposal Utility Capital Program	923		3,292					4,215
Canada Strategic Infrastructure Fund - Province	5,125	3,638	3,112					11,875
Interim Financing (Repayment)	8,677	(1,513)	(7,164)					-

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	296		17
Less:			
Operating expenditures increase/(decrease)	486	486	486
Debt and finance charges increase	406	1,412	1,712
SURPLUS/(DEFICIT)	(596)	(1,898)	(2,181)

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 2008-2010 projects will be finalized each year through the capital budget process considering priorities, project readiness and financial/operational capacity.

Funds will be allocated to:	2008	2009	2010	2011	2012	Total
North End Recreation & Leisure Facility	5,300					5,300
Community Centre Investment Fund	2,000	2,000				4,000
Kildonan Park Urban Oasis	8,100					8,100
Spray Parks/Pads	1,100					1,100
Skateboard Parks	700					700
Administration and Overhead Charges	175	125	100			400
	17,375	**2,125**	**100**	**-**	**-**	**19,600**

Project Name: **Office Automation**

Department: City Clerks
Project: 0400000709

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	200	-	200	-	200	600	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			200		200		200	600	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)		6	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		7	19
SURPLUS/(DEFICIT)	-	(1)	(19)

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	200	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					200			200

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 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. 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 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 requires some repairs to floors and walls, upgraded lighting and security, and installation of shelving. The records center opened in July 2007.

Ongoing upgrades are expected at the 5 year mark to meet anticipated demand for corporate records.

Project Name: **Election Systems**

Department: City Clerks
Project: 0400000509
Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	150	150	-	-	-	300	300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			150	150				300	300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	150	150	-	-	-	-	300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		150	150					300

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		5	5
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		5	19
SURPLUS/(DEFICIT)	-	-	(14)

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 4 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 the Internal Services Department. 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 voter's list partners Elections Canada and Elections Manitoba.

Systems to be upgraded / revitalized for the 2010 Election include the List of Electors 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,500	250	-	-	-	1,750	1,750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,500	250				1,750	1,750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	2008	2009	2010
Revenue increase/(decrease)		45	8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		49	151
SURPLUS/(DEFICIT)	-	(4)	(143)

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

The City Clerk's Automated Voting Machine system was purchased in 1995 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 started in late 2008, 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	500	500	500	500	2,000	2,150
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150		500	500	500	500	2,000	2,150

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	150	-	500	500	500	500	-	2,150
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	150		500	500	500	500		2,150

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	5		15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	13	29
SURPLUS/(DEFICIT)	1	(13)	(14)

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 most pressing immediate need is repair of the iron fence surrounding the property. The fence has been neglected and has fallen into disrepair.

The building until recently acted as the City's record centre. Deflection of second floor beams 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, ensure adequate waterproofing for the roof and foundation, as well repair / replacement of windows.

These issues would be addressed over a series of years based on priority. Also identified are a lack of fire suppression system and lack of wheel chair ramps in the building.

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.

Due to the historic designation of the property and the fence, the fence needs to be rebuilt in the same manner as exist, rather than be simply removed or rebuilt in wood. This task would be undertaken in 2008.

Project Name: **Communications Network Infrastructure**

Department: Internal Services
Project: 6501000007

Capital Priority Rating: 2 - 4
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	648	648	633	638	643	642	3,204	3,852
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		648	648	633	638	643	642	3,204	3,852

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	648	648	633	638	643	642	-	3,852
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	648	648	633	638	643	642		3,852

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	174	337
SURPLUS/(DEFICIT)	(18)	(174)	(337)

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

This entails 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: Internal Services
Project: 6502000007

Capital Priority Rating: 2 - 4
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	620	216	209	211	213	213	1,062	1,682
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		620	216	209	211	213	213	1,062	1,682

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	620	176	180	280	213	213	-	1,682
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	620	176	180	280	213	213		1,682

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	17	154	204
SURPLUS/(DEFICIT)	(17)	(154)	(204)

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

Emerging multi-tiered infrastructure, internet/intranet servers and other similar network based computing technologies 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: **E-Government**

Department: Internal Services
Project: 6553000007

Capital Priority Rating: 2 - 3
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	150	1,057	1,070	617	629	3,523	3,773
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	150	1,057	1,070	617	629	3,523	3,773

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	250	150	1,057	1,070	617	629	-	3,773
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	150	1,057	1,070	617	629		3,773

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	64	128
SURPLUS/(DEFICIT)	(7)	(64)	(128)

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

This capital fund supports projects that use information technology to support the provision of e-government services. This 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: **PeopleSoft Upgrade**

Department: Internal Services
Project: 6555000007

Capital Priority Rating: 2 - 3
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	741	-	-	-	1,500	1,000	500	3,000	3,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,500	1,000	500	3,000	3,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	1,500	1,000	500	-	3,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				1,500	1,000	500		3,000

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 City is committed to renewing its PeopleSoft investment every four years to take advantage of new functionality and remain current with supplierís support. Beyond the current renewal planned for 2006 - 2008, 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: Internal Services
Project: 6556000009

Capital Priority Rating: 2 - 2
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	125	520	200	-	169	1,014	1,014
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			125	520	200		169	1,014	1,014

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	125	520	200	-	169	-	1,014
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		125	520	200		169		1,014

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		3	44
SURPLUS/(DEFICIT)	-	(3)	(44)

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 as the City moves toward a more service based view of its operation. 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.

Project Name: **Assessment Automation**

Department: Property Assessment Department
Capital Priority Rating: 3 - 3

Project: 1400000107
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	500	1,000	500	-	-	2,000	2,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500	1,000	500			2,000	2,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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 Assessment Automation project includes a number of initiatives focused on improving the efficiency and the effectiveness of the assessment function through the appropriate use of automation. Examples of specific initiatives 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 enhanced central filing system with integrated electronic document and records management; 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 2007 include website modifications for online data collection, development of web appraiser tools, enhancements to the Property Information Tracking System, CAMA Commercial Component Enhancements, and completion of a Quality Management System in preparation for ISO certification planned for 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 Property Assessment 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: Corporate

AUTHORIZATION	Previous Budgets	2008 Forecast	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		168	12	250				262	430
Repayment to General Purpose Reserve		(168)	(12)	(250)				(262)	(430)

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	168	12	250					430
Repayment to General Purpose Reserve	(168)	(12)	(250)					(430)

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	5		8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	15	24
SURPLUS/(DEFICIT)	-	(15)	(16)

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. Current Cash to Capital requirements are for 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: **311 Customer Service**

Department: Corporate
Project: 1200001307

Capital Priority Rating: 2 - 2
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	4,917	-	-	-	-	-	-	4,917
Financed by:									
Equity in Capital Assets Fund		4,917						-	4,917

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	4,917	-	-	-	-	-	-	4,917
Financed by:								
Equity in Capital Assets Fund	4,917							4,917

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	148		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	135	419	419
SURPLUS/(DEFICIT)	13	(419)	(419)

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

In 2005, Council concurred with a recommendation that a 311 model of customer service be adopted for the City. In the 2007 Capital Budget, project capital of $1.0 million was set aside to assist with completion of the evaluation process required with respect to the proposed 311 operation.

Project capital of $4.917 million is being included in the 2008 capital budget to reflect the potential costs to establish and operate a consolidated 311 Contact Centre under an internal model, in which the City assumes the responsibility for constructing and operating the 311 centre. Costs are based on a preliminary cost analysis.

Project Name: **Capital Investment Fund**

Department: Corporate
Project: 120000xx07

Capital Priority Rating: 3 - 2
Service: Corporate

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	4,357	-	6,138	6,138	6,138	6,138	24,552	28,909
Financed by:									
Equity in Capital Assets Fund		4,357		6,138	6,138	6,138	6,138	24,552	28,909

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	4,357	-	6,138	6,138	6,138	6,138	-	28,909
Financed by:								
Equity in Capital Assets Fund	4,357		6,138	6,138	6,138	6,138		28,909

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	131		184
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	120	371	571
SURPLUS/(DEFICIT)	11	(371)	(387)

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.

The 2008 Capital Investment Fund includes the following provision for capital projects:

2007 and prior	2,464
2008	1,893
	4,357

Project Name: **Transit Security Enhancements**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 1
Service: Public Transit

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A	250	250	250	-	-	-	500	750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	250	250				500	750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	500	250	-	-	-	-	750
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		500	250					750

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			48
SURPLUS/(DEFICIT)	-	-	(48)

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 two-year contribution program was established in 2006 to address immediate security priorities. Winnipeg Transit has accessed this program and will be procuring a study to assess potential risks to Transitís infrastructure and operations and 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	-	3,500	2,500	2,500	-	-	8,500	8,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			3,500	2,500	2,500			8,500	8,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	1,000	1,000	6,500	-	-	8,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			1,000	1,000	6,500			8,500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			54
SURPLUS/(DEFICIT)	-	-	(24)

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 2009.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	700	700	800	800	800	1,000	4,100	4,800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		638	700	800	800	800	1,000	4,100	4,738
Winsmart - Urban Transportation Showcase		62							62

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	700	800	800	800	900	300	4,800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	455	683	800	800	800	900	300	4,738
Winsmart - Urban Transportation Showcase	45	17						62

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	14	46	74
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		43	108
SURPLUS/(DEFICIT)	14	3	(34)

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.

The Federal Government funding under the Winsmart agreement (Urban Transportation Showcase Program) will be directed towards Park and Ride facilities. The City's contribution towards these facilities will be provided under the Innovative Transit Program.

* 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	6,109	7,522	9,951	12,906	36,488	36,488
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,413	3,842	6,797	12,052	12,052
Federal Gas Tax				6,109	6,109	6.109	6,109	24,436	24,436

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	6,109	7,522	9,951	12,906	-	36,488
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				1,413	3,842	6,797		12,052
Federal Gas Tax			6,109	6,109	6,109	6,109		24,436

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	9	9	9
SURPLUS/(DEFICIT)	(9)	(9)	(9)

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 budget from 2007 will be a first step for this project and will consist of a study of the most cost effective approach to solve the building problems.

It is anticipated that the results of this study will result in this becoming a multi-year capital project. Any future funding authorized would be used to provide for major capital maintenance and investment that the operating budget cannot support. Beginning in 2011, a significant amount of capital will be required, including the replacement of North Garage.

Estimated useful life - Dependent on the specific projects approved for the annual program.

Project Name: **Transit Buses**

Department: Transit
Project: 421000xxyy

Capital Priority Rating: 3 - 4
Service: Public Transit

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	12,711	14,403	15,112	15,057	16,285	16,585	77,442	90,153
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,773	2,143	1,475	82			3,700	6,473
Transit Bus Replacement Reserve		6,098	8,420	9,797	11,135	12,445	12,745	54,542	60,640
Province of Manitoba - Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	19,200	23,040

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	12,711	14,403	15,112	15,057	16,285	16,585	90,153
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		2,773	2,143	1,475	82			6,473
Transit Bus Replacement Reserve		6,098	8,420	9,797	11,135	12,445	12,745	60,640
Province of Manitoba - Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	23,040

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)		205	289
Less:			
Operating expenditures increase/(decrease)		(100)	(200)
Debt and finance charges increase			263
SURPLUS/(DEFICIT)	-	305	226

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

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

Project Name: **Transit Improvements**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	22,551	3,054	6,109	-	-	-	-	6,109	9,163
Financed by:									
Federal Gas Tax		3,054	6,109					6,109	9,163

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,554	5,600	1,009	-	-	-	-	9,163
Financed by:								
Federal Gas Tax	2,554	5,600	1,009					9,163

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)	50	100	150
Less:			
Operating expenditures increase/(decrease)	200	300	300
Debt and finance charges increase			
SURPLUS/(DEFICIT)	(150)	(200)	(150)

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". In response to the final report of the Rapid Transit Task Force, it provided advice with respect to:

- implementation of the Task Force's recommendations;
- a priority list of short-term improvements that could be undertaken in 2006 to 2007;
- timelines for potential implementation;
- costs of the options being recommended; and
- funding options for potential project costs.

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 are consistent with an integrated set of transit improvements in the major travel corridors of Winnipeg. Within each of these "Quality Corridors", a specific set of improvements tailored to the needs of each will be employed to improve the speed, reliability, comfort, convenience and accessibility to transit service. This program considers the basic service elements of vehicles, upgraded stops and stations, intelligent transportation systems technology, traffic priority for transit, and park and ride, as recommended for application by the Task Force.

Estimated useful life - variable depending on the project.

Funds will be allocated to:	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**Total**
New Bus Stop Upgrade Programs	2,100	2,100					4,200
Diamond Lanes /Queue Jump Lanes: Implementation	154	4,009					4,163
Transit Investment Fund	800						800
	3,054	**6,109**	**-**	**-**	**-**	**-**	**9,163**

Project Name: **Stormwater Retention Basin Rehabilitation**

Department: Water and Waste
Project: 2075000106
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,472	150	200	200	200	400	400	1,400	1,550
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		150	200	200	200	400	400	1,400	1,550

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	150	200	200	200	400	400	-	1,550
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	150	200	200	200	400	400		1,550

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	19	38
SURPLUS/(DEFICIT)	(4)	(19)	(38)

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: 2076500106
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,944	850	900	1,000	1,000	1,000	1,000	4,900	5,750
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		850	900	1,000	1,000	1,000	1,000	4,900	5,750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	850	900	1,000	1,000	1,000	1,000	-	5,750
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	850	900	1,000	1,000	1,000	1,000		5,750

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	23	102	191
SURPLUS/(DEFICIT)	(23)	(102)	(191)

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 $21.7M of upgrades will be required. Near-term expenditures (i.e.: next 10 years) have been estimated at $14.5M, and long term (next 11-50 years) are identified to cost $8.2M. 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: 2078500206
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,350	900	1,450	1,450	1,450	1,500	1,500	7,350	8,250
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		900	1,450	1,450	1,450	1,500	1,500	7,350	8,250

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	900	1,450	1,450	1,450	1,500	1,500	-	8,250
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	900	1,450	1,450	1,450	1,500	1,500		8,250

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	25	124	262
SURPLUS/(DEFICIT)	(25)	(124)	(262)

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: 2070000407

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	-	700	-	-	-	-	700	700
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			700					700	700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	700	-	-	-	-	-	700
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		700						700

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		23	67
SURPLUS/(DEFICIT)	-	(23)	(67)

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.
5) This project is to protect properties that are the lowest in Winnipeg and require sandbagging when water levels are in the range of 18.0 to 20.5 ft at James Avenue.

In April 2007, Council approved a program to raise the level of flood protection for these low-lying properties where it could be demonstrated the cost of providing sandbags exceeded the cost of a permanent flood works. If all eligible properties participate, the cost of the 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: 2080000106

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	100	150	150	150	150	150	750	850
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		100	150	150	150	150	150	750	850

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	100	150	150	150	150	150	-	850
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	100	150	150	150	150	150		850

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	13	28
SURPLUS/(DEFICIT)	(3)	(13)	(28)

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: 2070001406
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,165	-	250	300	1,500	1,390	1,500	4,940	4,940
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			250	300	1,500	1,390	1,500	4,940	4,940

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	250	300	1,500	1,390	1,500	-	4,940
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		250	300	1,500	1,390	1,500		4,940

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		8	34
SURPLUS/(DEFICIT)	-	(8)	(34)

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: 2070001307
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	-	200	200	100	200	200	900	900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			200	200	100	200	200	900	900

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	200	200	100	200	200	-	900
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		200	200	100	200	200		900

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		7	26
SURPLUS/(DEFICIT)	-	(7)	(26)

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.

Project Name: **Charleswood & Wilkes South Land Drainage Project**

Department: Water and Waste
Project: 2070000607
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,300	1,343	-	-	-	-	-	-	1,343
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		1,343						-	1,343

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,343	-	-	-	-	-	-	1,343
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	1,343							1,343

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	37	114	114
SURPLUS/(DEFICIT)	(37)	(114)	(114)

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

The purpose of this program is to upgrade or construct components of the land drainage system in the Charleswood and Wilkes South areas to help alleviate long term drainage and overland flooding problems. The total cost of this project is estimated at $10 million. Recovery of expenditures through the local improvement process will be explored prior to implementation. The expected life of the assets will be between 50 and 100 years.

On January 24, 2007, Council approved that an expenditure of $300,000 be authorized before the 2007 Capital Budget is adopted, as a first call against the Tax Supported Capital Budget to begin the process of acquiring lands to allow the construction of a major drain in South Charleswood between Loudoun and McCreary Road in the vicinity of the existing Howe Ave right-of-way.

Project Name: **Land Drainage Asset Management Strategy**

Department: Water and Waste
Project: 2070xxxxyy
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	200	-	-	-	200
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)				200				200

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 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: **Ravelston Land Drainage Pumping Station Upgrading**

Department: Water and Waste
Project: 2076yyyyxx
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	350	2,352	-	-	-	-	-	-	2,352
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		2,352						-	2,352

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,352	-	-	-	-	-	-	2,352
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	2,352							2,352

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	65	200	200
SURPLUS/(DEFICIT)	(65)	(200)	(200)

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

The Ravelston Land Drainage Pumping Station pumps from the Transcona Deep Pond into the Kildare Trunk Sewer. The pumping station is experiencing significant corrosion problems likely due to meltwaters from the adjacent snowdump. In the spring of 2007, an engineering study was undertaken and the preliminary cost estimate was determined. Funds have been included in the 2008 budget estimates to undertake the required work.

Project Name: **Portable Flood Pumps**

Department: Water and Waste
Project: 2070yyyyxx

Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	250	250	-	-	-	-	250	500
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		250	250					250	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	250	250	-	-	-	-	-	500
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	250	250						500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	29	45
SURPLUS/(DEFICIT)	(7)	(29)	(45)

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	500	-	-	-	-	500
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)			500					500

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			16
SURPLUS/(DEFICIT)	-	-	(16)

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 & 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.

Pending the outcome of the search for accommodations, funds have been budgeted in 2010 for a buy/build option of a 5,000 sq. ft. facility to house all the pumps and their associated equipment.

The expected life of this asset is 30 years.

Project Name: **Combined Sewer Flood Relief**

Department: Water and Waste
Project: 2071000106

Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	137,709	7,200	7,200	7,200	7,200	7,200	7,200	36,000	43,200
Financed by:									
Sewer System Rehabilitation Reserve		7,200	7,200	7,200	7,200	7,200	7,200	36,000	43,200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	7,200	7,200	7,200	7,200	7,200	7,200	-	43,200
Financed by:								
Sewer System Rehabilitation Reserve	7,200	7,200	7,200	7,200	7,200	7,200		43,200

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*

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.

Prior to October 21, 1987, there were 42 combined sewer areas in Winnipeg. Currently, 24 combined sewer areas, have been relieved. There are also planning studies currently underway to estimate relief works for three other districts. Relief works in the Alexander/ Bannatyne combined sewer district is currently underway. The cost for the remainder of the program is $96,630,000, and at current funding rates will require 13.4 years to complete. The benefit to cost ratio of outstanding work is 3.8 to 1, meaning every dollar spent on sewer relief works will save 3.8 dollars in flood damage.

The expected life of this asset is over 50 years.

Project Name: **Flood Relief Sewers - Separate**

Department: Water and Waste
Project: 2072000106
Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	300	300	300	300	300	300	1,500	1,800
Financed by:									
Sewer System Rehabilitation Reserve		300	300	300	300	300	300	1,500	1,800

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	300	300	300	300	300	300	-	1,800
Financed by:								
Sewer System Rehabilitation Reserve	300	300	300	300	300	300		1,800

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*

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: 2077000106
Capital Priority Rating: 3 - 2
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	750	500	-	-	-	500	1,000	1,750
Financed by:									
Developer Capacity Charges		750	500				500	1,000	1,750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	750	500	-	-	-	500	-	1,750
Financed by:								
Developer Capacity Charges	750	500				500		1,750

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 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:

2008 DASZ 20/04 - North Grassie Properties/Arrowwood	250,000
2008 DASZ 56/85 - Inksbrook Park Development	500,000
2009 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

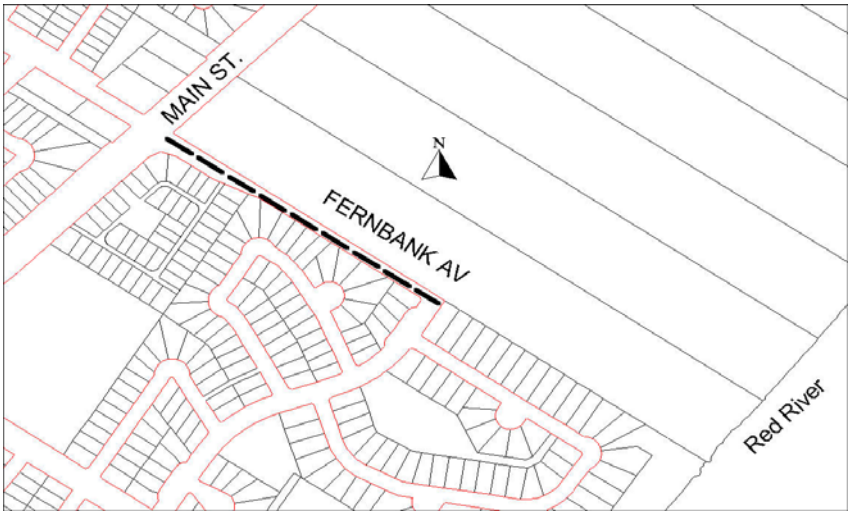
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	875	-	-	875	875
Financed by:									
Developer Capacity Charges					875			875	875

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	875	-	-	-	875
Financed by:								
Developer Capacity Charges				875				875

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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	7,448	500	400	550	550	800	800	3,100	3,600
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		500	400	550	550	800	800	3,100	3,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	400	550	550	800	800	-	3,600
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	500	400	550	550	800	800		3,600

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	56	99
SURPLUS/(DEFICIT)	(14)	(56)	(99)

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, 3 more sites have been added for a total of 58 sites. To date 26 locations have been refurbished, with 32 sites remaining.

The expected life of this asset is 50 years.

Project Name: **Long Term Zebra Mussel Mitigation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2012xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,100	1,100	1,100
Financed by:									
Retained Earnings							1,100	1,100	1,100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	1,100	-	1,100
Financed by:								
Retained Earnings						1,100		1,100

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*

Zebra mussels have existed in the Great Lakes since 1986. Their rapid population growth and steady infestation of surrounding bodies of fresh water has created operating problems and costs to utilities withdrawing fresh water from such areas. The City recognizes that Shoal Lake could be infested with zebra mussels. Accordingly, upgrading the Shoal Lake Intake Facilities is required to mitigate potential zebra mussel problems. Upgrading to provide mitigative measures may be implemented for short and long term control. Engineering studies concerning long term mitigative measures will be carried out and may include physical measures and/or chemical control.

The expected life of this asset is 25 years.

Project Name: **Saskatchewan Avenue Feedermain**

Department: Water and Waste - Waterworks System
Project: 2004xxxxyy

Capital Priority Rating: 5 - 3
Service: Water

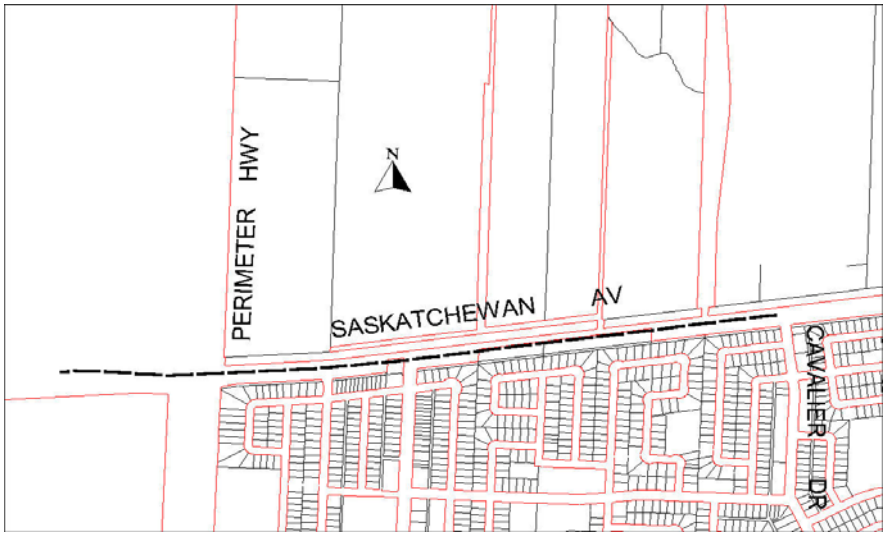
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,300	-	-	1,300	1,300
Financed by:									
Retained Earnings					1,300			1,300	1,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	1,300	-	-	-	1,300
Financed by:								
Retained Earnings				1,300				1,300

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*

Urban development of the lands within the City and west of the Perimeter Highway 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	1,800	2,900	-	-	4,700
Financed by:								
Retained Earnings				1,800	2,900			4,700

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 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: **Branch II Aqueduct Valve Interconnection Control Structure**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2003xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

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*

In 2004, a valve chamber was constructed on the Branch II Aqueduct at the Aqueduct interconnection location. This valving arrangement has increased the reliability of the Branch II Aqueduct and will facilitate emergency and planned repairs. Now that the treatment plant design is nearing completion and preparations for the commissioning and operation of the plant are underway, the need for the conversion of the manually operated valves of the Branch II Aqueduct valve chamber at the interconnection location to remote automated control has been identified. The funds included are for the remote operation of the valve actuators and the control structure to house them.

The expected life of this asset is 50 years.

Project Name: **Tache Booster Pumping Station Upgrading**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2005000606
Service: Water

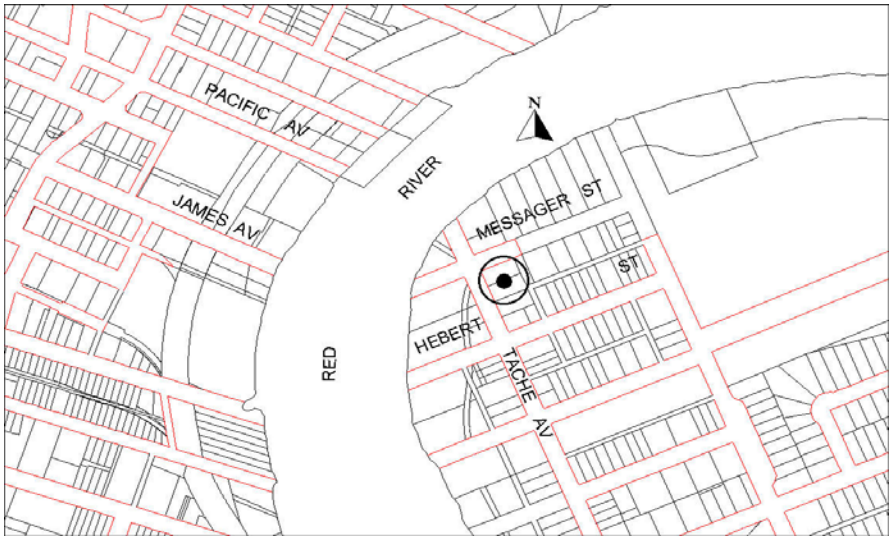
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,300	800	-	-	-	-	-	-	800
Financed by:									
Retained Earnings		800						-	800

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	800	-	-	-	-	-	-	800
Financed by:								
Retained Earnings	800							800

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 Tache Booster Pumping Station on the Branch 1 Aqueduct was constructed in 1950 in order to develop the full capacity of the aqueduct. Recently, a study identified a number of required upgradings to the pumping station and the aqueduct surge tower adjacent to the station. The work, which is planned for 2007 and 2008, includes replacing the pump motors, upgrading the station electrical, heating and ventilation systems, upgrading the foundation and roof structures, and a reconfiguration of the valving and piping between the pumping station and the surge tower. Also, aesthetic, fencing and landscaping upgrades to the site and facilities will be undertaken to coincide and assimilate with the proposed residential redevelopment of the surrounding area. The expected life of this rehabilitated asset is 50 years.



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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	800	1,000	-	-	-	1,800	2,000
Financed by:									
Retained Earnings		200	800	1,000				1,800	2,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	200	800	1,000	-	-	-	-	2,000
Financed by:								
Retained Earnings	200	800	1,000					2,000

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	2,500	-	-	-	-	2,500	2,500
Financed by:									
Retained Earnings			2,500					2,500	2,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	2,500	-	-	-	-	-	2,500
Financed by:								
Retained Earnings		2,500						2,500

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 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 requried. 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	-	-	2,000	-	-	2,000	2,300
Financed by:									
Retained Earnings		300			2,000			2,000	2,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	300	-	-	2,000	-	-	-	2,300
Financed by:								
Retained Earnings	300			2,000				2,300

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	300	300	300	300	1,200	1,200
Financed by:									
Retained Earnings				300	300	300	300	1,200	1,200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	300	300	300	300	-	1,200
Financed by:								
Retained Earnings			300	300	300	300		1,200

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*

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: **Midtown Feedermain - Assiniboine River Crossing Replacement / Rehabilitation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3
Project: 20040002yy
Service: Water

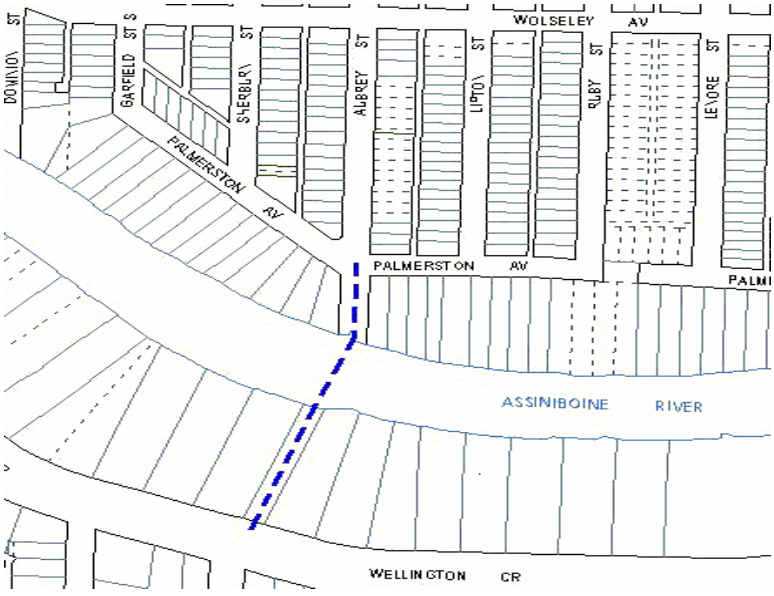
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,500	-	-	-	-	-	-	2,500
Financed by:									
Retained Earnings		2,500						-	2,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,500	-	-	-	-	-	-	2,500
Financed by:								
Retained Earnings	2,500							2,500

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 Midtown Feedermain crosses the Assiniboine River on its own dedicated bridge structure and has been in service since 1956. Significant repairs were made to the feedermain pipe in 1993 and internal inspections of the pipe at that time revealed the presence of corrosion. A condition assessment of the feedermain pipe and its associated bridge structure to ascertain future rehabilitation or replacement requirements was undertaken in 2002. As a result of the condition assessment, rehabilitation/replacement works are scheduled for 2008. The expected life of this rehabilitated asset is 50 years.



Project Name: **Waverley West Feedermain**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 20040001yy
Service: Water

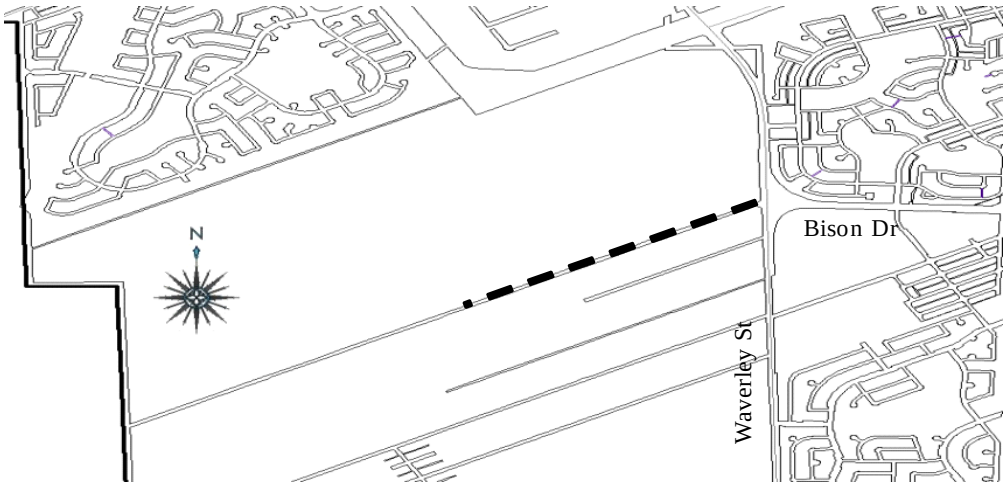
AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,500	-	-	4,200	-	6,700	6,700
Financed by:									
Retained Earnings			2,500			4,200		6,700	6,700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	2,500	-	-	4,200	-	-	6,700
Financed by:								
Retained Earnings		2,500			4,200			6,700

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*

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 Study - Phase 1**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2004xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	-	200	-	-	-	-	200	200
Financed by:									
Retained Earnings			200					200	200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	200	-	-	-	-	-	200
Financed by:								
Retained Earnings		200						200

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 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: **Shoal Lake Aqueduct Asset Preservation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2003000706
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,750	-	-	-	-	1,000	-	1,000	1,000
Financed by:									
Retained Earnings						1,000		1,000	1,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	1,000	-	-	1,000
Financed by:								
Retained Earnings					1,000			1,000

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 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.

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: **Water Supply Valve Installation / Replacement Program**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 4

Project: 2004000606
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,300	1,500	1,500	1,500	1,500	1,500	1,500	7,500	9,000
Financed by:									
Retained Earnings		1,500	1,500	1,500	1,500	1,500	1,500	7,500	9,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,500	1,500	1,500	1,500	1,500	1,500	-	9,000
Financed by:								
Retained Earnings	1,500	1,500	1,500	1,500	1,500	1,500		9,000

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	700	-	-	-	700	700
Financed by:									
Retained Earnings				700				700	700

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	700	-	-	-	-	700
Financed by:								
Retained Earnings			700					700

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	1,000	-	-	-	-	1,000
Financed by:								
Retained Earnings			1,000					1,000

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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	100	-	-	-	100	100
Financed by:									
Retained Earnings				100				100	100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	100	-	-	-	-	100
Financed by:								
Retained Earnings			100					100

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*

On November 22, 2000 Council adopted the Water Treatment Program which includes the conversion from chlorine disinfection to choramine disinfection. The existing chlorine disinfection facilities within the three Regional Pumping facilities will be decommissioned once the new drinking water treatment plant has been successfully commissioned. The proposed works at McPhillips, Hurst and MacLean pump stations will 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	300	300	300	-	-	-	600	900
Financed by:									
Retained Earnings		300	300	300				600	900

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	300	300	300	-	-	-	-	900
Financed by:								
Retained Earnings	300	300	300					900

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*

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 procedures require that water pressure be turned off outside those pits. In order to reduce inconvenience to customers included in the shutdown areas, additional valves and bypasses are required outside the pits.

The expected life of these assets are 50 years.

Project Name: **Deacon Booster Pumping Station - Building Upgrades**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 3

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

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 Deacon Booster Pumping station was commissioned in 1980 and since then only limited maintenance had been undertaken. The roofing and light well translucent panels of the station superstructure require replacement. Also, the station's associated valve chamber designated as VC4 requires rehabilitation. The superstructure of the valve chamber was originally constructed with the Shoal Lake Aqueduct and requires attention.

The expected life of this asset is 20 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	1,000	-	-	-	1,000
Financed by:								
Retained Earnings				1,000				1,000

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	500	-	-	500	500
Financed by:									
Retained Earnings					500			500	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	500	-	-	-	500
Financed by:								
Retained Earnings				500				500

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 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 are 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	600	-	-	600	600
Financed by:									
Retained Earnings					600			600	600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	600	-	-	-	600
Financed by:								
Retained Earnings				600				600

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	310	125	125	125	125	-	-	375	500
Financed by:									
Retained Earnings		125	125	125	125			375	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	125	125	125	125	-	-	-	500
Financed by:								
Retained Earnings	125	125	125	125				500

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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	200	1,000	-	-	-	1,200	1,400
Financed by:									
Retained Earnings		200	200	1,000				1,200	1,400

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	200	200	1,000	-	-	-	-	1,400
Financed by:								
Retained Earnings	200	200	1,000					1,400

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*

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 trend of observed 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	1,600	-	1,600	1,600
Financed by:									
Retained Earnings						1,600		1,600	1,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	1,600	-	-	1,600
Financed by:								
Retained Earnings					1,600			1,600

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 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. Detailed design and related works for the proposed improvements will be completed.

The expected life of this asset is 20 years.

Project Name: **Waterworks System Security Upgrades**

Department: Water and Waste - Waterworks System
Project: 2001xxxxyy

Capital Priority Rating: 5 - 2
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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 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: **Assessments 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	750	750	750
Financed by:									
Retained Earnings							750	750	750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	750	-	750
Financed by:								
Retained Earnings						750		750

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*

A drinking water system Infrastructure Assessment study will be required in the future as mandated 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.

Infrastructure assessment reports are required on a 5 year reporting frequency.

Project Name: **McPhillips Reservoir Slope Stability Remediation**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	120	-	-	-	-	-	-	120
Financed by:									
Retained Earnings		120						-	120

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	120	-	-	-	-	-	-	120
Financed by:								
Retained Earnings	120							120

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 west cell of the McPhillips reservoir parallels the back lane along Gallagher Avenue. A portion of the existing earthen side slope of the reservoir cell has failed. Geotechnical analysis and remediation works are required to correct the slope failure to prevent earth from the slope from encroaching on the back lane.

The expected life of 50 years.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	525	-	-	-	-	525	525
Financed by:									
Retained Earnings			525					525	525

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	525	-	-	-	-	-	525
Financed by:								
Retained Earnings		525						525

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*

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 50 years.

Project Name: **Regional Servicing Strategy for Plan Winnipeg**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 1 - 3

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	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*

A Review of Plan Winnipeg commenced in 2007. Plan Winnipeg is City Councilís long range policy plan. There is a requirement for regional servicing strategies as a component of the development plan. Funding has been allocated for the development of regional strategies for associated functional services; water, wastewater and land drainage, and to contribute to the overall land development plan for Winnipeg.

Project Name: **Public Water Outlets**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

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*

There are three public drinking water outlets in the City providing truck filling services for contractors or homeowners hauling water. Funds are required to perform an assessment of water sales, a review of the public water outlet locations, safety upgrades and rehabilitation or decommissioning works. In some locations structural and mechanical repairs are required to maintain this service. Future funds may be required following the recommendations of the study.

Life expectancy will vary between 20 and 50 years.

Project Name: **Capital Investment Fund**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 3 - 2

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,850	-	-	-	-	-	-	1,850
Financed by:									
Retained Earnings		1,850						-	1,850

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,850	-	-	-	-	-	-	1,850
Financed by:								
Retained Earnings	1,850							1,850

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*

Capital funding for project and budget management. Funding for individual projects is to be authorized by the Standing Policy Committee on Finance.

The 2008 Capital Investment Fund includes the following provision for capital projects:

2007 and prior	1,226
2008	624
	1,850

Project Name: **Watermain Renewals**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2

Project: 2013000106
Service: Water

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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*

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: **Primary Clarifier Refurbishment - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 20310008yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,200	1,500	-	-	-	-	-	-	1,500
Financed by:									
Retained Earnings		1,500						-	1,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,500	-	-	-	-	-	-	1,500
Financed by:								
Retained Earnings	1,500							1,500

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 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. The sweep mechanisms are integral to the proper operation of the clarifier.

Due to several factors that amounted to a significant increase in the capital funding required to complete the whole of the project, the Department recommended a deferral of the clarifier covering portion of the project. Funding for 2008 was adjusted to align with the revised scope of work.

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 sysem expenditure."*
>
> *"That the project name be changed from NEWPCC - Primary Clarifier Covers to NEWPCC - Primary Clarifier Refurbishment."*

The expected life of this asset is over 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	9,898	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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*

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.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,500	750	-	-	-	-	-	-	750
Financed by:									
Retained Earnings		750						-	750

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	750	-	-	-	-	-	-	750
Financed by:								
Retained Earnings	750							750

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*

This project involves locating and identifying sources of extraneous inflows entering the wastewater sewer system, and installing mitigative measures 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 plants 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. During high river levels, several areas of the City have been identified where land drainage sewer system cross-connections may exist with the wastewater sewer system.

In 1990 new homes were required to have sump pumps and pits to collect foundation drainage and discharge this clean water onto the home owners land. The intent was to reduce this large source of extraneous flow to the wastewater treatment plants. It has been found that some home owners have illegally connected sump pumps to their wastewater sewer service. Investigations are required, along with public education, to determine the extent of this problem and to implement appropriate measures to rectify the situation. Areas where other sources of extraneous flow (such as manholes and sump pump discharges) 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,600	-	-	2,000	-	-	-	2,000	2,000
Financed by:									
Retained Earnings				2,000				2,000	2,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	2,000	-	-	-	-	2,000
Financed by:								
Retained Earnings			2,000					2,000

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 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: **Surgewell Condition Assessment & Main Pump Hydraulic Rehabilitation - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 20310009yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,900	-	5,100	5,200	-	-	-	10,300	10,300
Financed by:									
Retained Earnings			5,100	5,200				10,300	10,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	5,100	5,200	-	-	-	-	10,300
Financed by:								
Retained Earnings		5,100	5,200					10,300

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 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 rehabilitating this facility, consideration will be given to upgrading the on-site interceptors, surgewell and suction header system to improve control of raw sewage inflows and provide redundancy for both the surgewell and discharge chamber. Funding shown will be for an engineering assessment of the condition and capacity of the conduit from the discharge chamber to the grit building, design and construction of a second surgewell and a second discharge chamber with connections to the interceptors and pump suction headers. Future years funding 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: **Waverley West Interceptor Sewer**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2037000906
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,000	480	4,500	-	-	6,900	-	11,400	11,880
Financed by:									
Retained Earnings		480	4,500			6,900		11,400	11,880

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	480	4,500	-	-	6,900	-	-	11,880
Financed by:								
Retained Earnings	480	4,500			6,900			11,880

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 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 with a new interceptor crossing the Red River to the St. Mary's Interceptor sewer. The D'Arcy pumping station and river crossing is an integral part of the conveyance system and may require changes to its designated operation to satisfy this new development along with future consideration for a new gravity or forcemain system in conjunction with bridge reconstruction.

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.

The total cost for all phases is estimated at $15,900,000 which includes additional funding to account for recent increases in price for large diameter pipes.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	4,000	-	4,000	4,000
Financed by:									
Retained Earnings						4,000		4,000	4,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	4,000	-	-	4,000
Financed by:								
Retained Earnings					4,000			4,000

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 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. At this time effluent disinfection will be 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: **Septage Acceptance Facility - Wastewater Pollution Control Centres**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2033xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	3,500	-	-	-	-	-	-	3,500
Financed by:									
Retained Earnings		3,500						-	3,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	3,500	-	-	-	-	-	-	3,500
Financed by:								
Retained Earnings	3,500							3,500

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 West End Water Pollution Control Centre (WEWPCC) accepted waste from septic haulers at a disposal facility at the Perimeter Pump Station. It has been shown that this waste stream can contribute up to 30% of the biological load to the plant at certain times of the day and may contain unknown waste which is toxic to the treatment process. 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 in 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. The funding in 2008 will be used to design and construct upgraded septage acceptance facilities at both the North and South End Water Pollution Control Centres.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	400	-	400	-	400	-	800	1,200
Financed by:									
Retained Earnings		400		400		400		800	1,200

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	400	-	400	-	400	-	-	1,200
Financed by:								
Retained Earnings	400		400		400			1,200

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*

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: **Head Tank 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	500	-	-	500	500
Financed by:									
Retained Earnings					500			500	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	500	-	-	-	500
Financed by:								
Retained Earnings				500				500

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 elevated head tank provides cooling water and maintains pressure for the liquid slip regulators for the 6 main pumps, for pump well fresh air supply, and for the pump well cooling units. The slip regulators are critical to plant operations and the fresh air supply is a staff safety issue. The 12' high tank (located about 30' above ground), its appurtenances, and its highly corroded supporting structure are over 75 years old. The tank is coated with asbestos insulation. The tank and appurtenances must be replaced or removed and an alternate technology used to regulate pressure/flow, which will require engineering input.

The life expectancy of this asset is 50 years.

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	6,900	-	-	6,900	6,900
Financed by:									
Retained Earnings					6,900			6,900	6,900

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	6,900	-	-	-	6,900
Financed by:								
Retained Earnings				6,900				6,900

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 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 15 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,500	2,500	2,300	1,300	1,300	1,300	1,300	7,500	10,000
Financed by:									
Retained Earnings		2,500	2,300	1,300	1,300	1,300	1,300	7,500	10,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,500	2,300	1,300	1,300	1,300	1,300	-	10,000
Financed by:								
Retained Earnings	2,500	2,300	1,300	1,300	1,300	1,300		10,000

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*

This project is for the rehabilitation and/or replacement of forcemain river crossings and for the installation of continuous leak detection equipment on the existing waterway crossings.

In 2007, the replacement of the Hart Forcemain river crossing in North Winnipeg was completed. Currently the Department is planning the replacement of the South Drive wastewater sewer (WWS) siphon river crossing in Fort Garry. THe Hart Forcemain and the South Drive wastewater siphon cross the Red River.

The South Drive WWS siphon is in a location prone to river bank instability that must be replaced and installed at a depth to prevent damage due to river bank movements. The spring flood of 2006 resulted in some bank instability causing a failure of the WWS siphon requiring emergency repairs on a temporary basis.

The Department is in the process of completing a risk assessment of all river crossings in order to determine a priorization 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	370	125	125	125	125	-	-	375	500
Financed by:									
Retained Earnings		125	125	125	125			375	500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	125	125	125	125	-	-	-	500
Financed by:								
Retained Earnings	125	125	125	125				500

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*

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, 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	600	-	700	-	-	-	700	1,300
Financed by:									
Retained Earnings		600		700				700	1,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	600	-	700	-	-	-	-	1,300
Financed by:								
Retained Earnings	600		700					1,300

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*

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 maintain biogas pressure in the sludge treatment process and to feed hot water boilers which are used for digester process heating and plant wide building heating. The four sludge heat exchanger units are used to maintain the sludge temperature in the digesters and are critical components in the sludge treatment process. The four compressors and the six 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	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	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*

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: **Arc Flash Hazard Analysis and Remediation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3

Project: 2030xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,600	-	-	-	-	-	-	1,600
Financed by:									
Retained Earnings		1,600						-	1,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	1,600	-	-	-	-	-	-	1,600
Financed by:								
Retained Earnings	1,600							1,600

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*

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. This is a program to conduct an Arc Flash study utilizing the SKM software analysis system for the Land Drainage, Stormwater and Sanitary Pumping Stations including the North End Water Pollution Control Centre, South End Water Pollution Control Centre, and West End Water Pollution Control Centre. The intent of the study is to determine the potential arc flash energy at various distribution points and provide recommendations to reduce arc flash energies, upgrade equipment to lower fault energies and to provide procurement of personal protective equipment and training. This is in preparation for compliance of the inclusion of arc flash requirements in the Electrical code.

The expected life of asset is 50 years.

Project Name: **Regional Servicing Strategy for Plan Winnipeg**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 1 - 3

Project: 2001xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	350	-	-	-	-	-	-	350
Financed by:									
Retained Earnings		350						-	350

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	350	-	-	-	-	-	-	350
Financed by:								
Retained Earnings	350							350

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*

A Review of Plan Winnipeg commenced in 2007. Plan Winnipeg is City Councilís long range policy plan. There is a requirement for regional servicing strategies as a component of the development plan. Funding has been allocated for the development of regional strategies for associated functional services; water, wastewater and land drainage and also to contribute to the overall land development plan for Winnipeg.

Project Name: **Wastewater System Security Upgrades**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 2030xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	100	-	-	-	-	100	100
Financed by:									
Retained Earnings			100					100	100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	100	-	-	-	-	-	100
Financed by:								
Retained Earnings		100						100

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 wastewater system is made up of complex infrastructure that takes away sewage from Winnipeg homes and businesses. Operation of the wastewater system is subject to legislation including the 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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	5,000	5,000	5,000
Financed by:									
Retained Earnings							5,000	5,000	5,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	5,000	-	5,000
Financed by:								
Retained Earnings						5,000		5,000

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*

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,800	1,800	1,800
Financed by:									
Retained Earnings							1,800	1,800	1,800

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	1,800	-	1,800
Financed by:								
Retained Earnings						1,800		1,800

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,500	1,500	1,500
Financed by:									
Retained Earnings							1,500	1,500	1,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	1,500	-	1,500
Financed by:								
Retained Earnings						1,500		1,500

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	18,000	18,000	18,000
Financed by:									
Retained Earnings							18,000	18,000	18,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	-	-	-	-	18,000	-	18,000
Financed by:								
Retained Earnings						18,000		18,000

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 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 sysem 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 $18,000,000.

The expected life of this asset is over 50 years.

Project Name: **Capital Investment Fund**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 2
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)		2,818	-	-	-	-	-	-	2,818
Financed by:									
Retained Earnings		2,818						-	2,818

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	2,818	-	-	-	-	-	-	2,818
Financed by:								
Retained Earnings	2,818							2,818

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*

Capital funding for project and budget management. Funding for individual projects is to be authorized by the Standing Policy Committee on Finance.

The 2008 Capital Investment Fund includes the following provision for capital projects:

2007 and prior	2,674
2008	144
	2,818

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,100	200	200	200	200	200	-	800	1,000
Financed by:									
Environmental Reserve		200	200	200	200	200		800	1,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	200	200	200	200	200	-	-	1,000
Financed by:								
Environmental Reserve	200	200	200	200	200			1,000

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*

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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	20,228	-	7,000	8,000	9,000	9,000	10,000	43,000	43,000
Financed by:									
Environmental Reserve		-	7,000	8,000	9,000	9,000	10,000	43,000	43,000

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	7,000	8,000	9,000	9,000	10,000	-	43,000
Financed by:								
Environmental Reserve	-	7,000	8,000	9,000	9,000	10,000		43,000

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 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 basement flood relief measures and initiation and implementation of control measures.

In addition, a portion of the funding will be used to assess the requirements and to develop and acquire a supervisory control and data acquisition (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 sewer works is 50 years and the expected life of the 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,613	117	7,000	20,000	10,950	23,050	-	61,000	61,117
Financed by:									
Environmental Reserve		117	4,336	4,156	10,950	12,451		31,893	32,010
External Debt			2,664	15,844		10,599		29,107	29,107

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	117	7,000	20,000	10,950	23,050	-	-	61,117
Financed by:								
Environmental Reserve	117	4,336	4,156	10,950	12,451			32,010
External Debt		2,664	15,844		10,599			29,107

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 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. If the Province changes its regulations to limit sludge application rates to agronomic rates and prohibits winter spreading, the City may have to implement alternate sludge management and disposal methods. 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	35,273	7,410	4,190	-	-	-	-	4,190	11,600
Financed by:									
Environmental Reserve		7,410						-	7,410
External Debt			4,190					4,190	4,190

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	7,410	4,190	-	-	-	-	-	11,600
Financed by:								
Environmental Reserve	7,410							7,410
External Debt		4,190						4,190

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*

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 options.

The required funding in 2008 and 2009 is 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	16,250	50,000	73,000	64,000	-	-	-	137,000	187,000
Financed by:									
Retained Earnings		22,800						-	22,800
Canada Strategic Infrastructure Fund - Federal			6,000	8,035				14,035	14,035
Canada Strategic Infrastructure Fund - Provincial			14,608	10,392				25,000	25,000
External Debt		27,200	46,525	48,865				95,390	122,590
Prior Years' Authorized External Debt		923	5,867					5,867	6,790
Transfer to General Capital Fund		(923)		(3,292)				(3,292)	(4,215)

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	50,000	54,879	53,586	13,160	15,375	-	-	187,000
Financed by:								
Retained Earnings	22,800							22,800
Canada Strategic Infrastructure Fund - Federal			6,000	8,035				14,035
Canada Strategic Infrastructure Fund - Provincial		2,487	2,013	5,125	15,375			25,000
External Debt	27,200	46,525	48,865					122,590
Prior Years' Authorized External Debt	923	5,867						6,790
Transfer to General Capital Fund	(923)		(3,292)					(4,215)

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*

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.

Nutrient Removal / Expansion - South End Water Pollution Control Centre (SEWPCC) - *(cont'd):*

The population serviced by SEWPCC is rapidly growing 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 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 2012 as required by the Environment Act license.

The funding for this project has been increased to reflect an escalation in construction costs and Environmental License requirements. 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 is: structures = 50 years, electrical / mechanical components = 25 years and computer related systems = 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,500	10,000	21,000	-	150,000	150,000	65,000	386,000	396,000
Financed by:									
Environmental Reserve							11,643	11,643	11,643
External Debt		10,000	21,000		150,000	150,000	53,357	374,357	384,357

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	10,000	11,000	10,000	150,000	150,000	65,000	-	396,000
Financed by:								
Environmental Reserve						11,643		11,643
External Debt	10,000	11,000	10,000	150,000	150,000	53,357		384,357

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*

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 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 2014. Additional funds are required and will be identified in succeeding years capital budgets.

The funding for this project has been increased to reflect an escalation in construction costs and Environmental License requirements. 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	12,600	12,600	12,600	12,600	12,600	12,600	63,000	75,600
Financed by:									
Sewer System Rehabilitation Reserve		12,600	12,600	12,600	12,600	12,600	12,600	63,000	75,600

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	12,600	12,600	12,600	12,600	12,600	12,600	-	75,600
Financed by:								
Sewer System Rehabilitation Reserve	12,600	12,600	12,600	12,600	12,600	12,600		75,600

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*

This project is a continuing program to replace and/or rehabilitate sewer infrastructure. Funds will be utilized to rehabilitate or replace both combined and separate wastewater 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.

On January 24, 2007, Council approved that the 2007 capital funding authorization for the Sewer Renewal Program be increased by the amount of $3,000,000 and that funding be provided from the Sewer System Rehabilitation Reserve.

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

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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,300	-	-	-	-	2,300	2,300
Financed by:									
Retained Earnings			2,300					2,300	2,300

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	2,300	-	-	-	-	-	2,300
Financed by:								
Retained Earnings		2,300						2,300

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 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 2008 and after 2012. 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: **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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	150	300	300	300	300	150	1,350	1,500
Financed by:									
Retained Earnings		150	300	300	300	300	150	1,350	1,500

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	150	300	300	300	300	150	-	1,500
Financed by:								
Retained Earnings	150	300	300	300	300	150		1,500

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*

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. The additional cover and grading/drainage control will restrict infiltration of precipitation into the site thereby 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 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	100	-	-	-	-	100	100
Financed by:									
Retained Earnings			100					100	100

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	100	-	-	-	-	-	100
Financed by:								
Retained Earnings		100						100

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*

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 or rehabilitation of a site. The cost identified includes the cost of acquiring land with associated administration costs.

Project Name: **Cordite Landfill Remedial Work**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 3

Project: 2060xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	252	-	-	-	-	-	-	252
Financed by:									
Retained Earnings		252						-	252

CASH FLOW	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	252	-	-	-	-	-	-	252
Financed by:								
Retained Earnings	252							252

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 Cordite Road Landfill is a closed landfill that was in operation between 1957 and 1975, and contains garbage over an area of approximately 9.8 ha and 12 metres high. There is a cover of earth and clay which protects the placed garbage from exposure to air and water. Significant areas of this cover have caved in, allowing excess water to enter, and potentially exposing garbage. This could lead to increased landfill liquid (leachate) production and expose the old garbage, which would be an environmental and public health issue.

The expected life of this facility 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	2008 Estimate	FORECAST 2009	2010	2011	2012	2013	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	2008	2009	2010	2011	2012	2013	Beyond 2013	Total
Project Costs ($000's)	-	1,000	-	-	-	-	-	1,000
Financed by:								
Retained Earnings		1,000						1,000

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 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 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.

SERVICE BASED

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
SUMMARY OF CAPITAL PROGRAM SERVICE BASED VIEW								
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS								
Roadway Construction and Maintenance		178,603	90,790	62,727	62,968	66,205	63,360	524,653
Transportation Planning and Traffic Management		3,274	3,250	2,950	2,950	2,950	2,950	18,324
Roadway Snow Removal and Ice Control		1,300						1,300
City Beautification		1,300	1,300	1,300	1,300	1,300	1,300	7,800
Land Drainage and Flood Control		14,895	12,650	12,000	13,675	13,090	13,700	80,010
Parks and Urban Forestry		7,198	6,405	6,026	5,498	6,251	6,091	37,469
Public Transit		16,715	24,962	24,771	25,879	27,036	30,491	149,854
Water		20,545	19,150	16,525	19,625	22,000	14,150	111,995
Wastewater		95,700	143,365	121,275	198,325	208,200	120,950	887,815
Solid Waste Collection & Disposal		402	3,700	300	300	300	150	5,152
Total Infrastructure Renewal and Public Works		339,932	305,572	247,874	330,520	347,332	253,142	1,824,372
PROTECTION AND COMMUNITY SERVICES								
Police Response		34,353	3,815	10,174	7,693	7,934	8,220	72,189
Fire and Rescue Response		1,792		2,600		840	850	6,082
Recreation		22,605	7,475	4,850	4,450	4,930	4,930	49,240
Libraries		1,250	3,500	2,500		4,700	3,700	15,650
Arts, Entertainment and Culture			2,000	2,000	2,000	2,000	3,000	11,000
Insect Control		160	160	160				480
Community Services - Other			250	250	250		250	1,000
Total Protection and Community Services		60,160	17,200	22,534	14,393	20,404	20,950	155,641
PROPERTY AND DEVELOPMENT								
Neighbourhood Revitalization		3,671	3,699	4,228	3,758	3,788	3,819	22,963
Heritage Conservation		200	500	400		200	200	1,500
Cemeteries		250				100	100	450
Property Asset Management		6,159	7,392	5,925	2,525	3,649	5,075	30,725
Planning Property and Development - Other		185	277	200	200	200	200	1,262
Total Property and Development		10,465	11,868	10,753	6,483	7,937	9,394	56,900
CITY GOVERNANCE								
Corporate		10,792	1,639	9,557	10,257	8,611	8,291	49,147
Council Services		150	1,850	900	700	700	700	5,000
Total City Governance		10,942	3,489	10,457	10,957	9,311	8,991	54,147
TOTAL CAPITAL PROGRAM		421,499	338,129	291,618	362,353	384,984	292,477	2,091,060

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
CAPITAL PROJECTS LISTING **SERVICE BASED VIEW**								
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS								
Roadway Construction and Maintenance								
Public Works								
Recreational Walkways and Bike Paths - Various Locations	3-1	1,500	1,000	1,000	1,000	1,000	1,000	6,500
New Regional Sidewalks	3-2	250	250	250	250	250	250	1,500
Active Transportation Corridors	3-3	100	100	100	100	100	100	600
Developer Payback - Various Locations	3-5	1,850	5,250	250		12,171		19,521
Kenaston Blvd - Academy Rd to Taylor Ave	3-6	100	100	100	100	100	100	600
Inkster Blvd - Keewatin St to Brookside Blvd	3-8	1,100	15,232	15,770				32,102
McGillivray Blvd - Waverley St to Columbia Dr	3-9	13,680						13,680
Regional and Local Streets	3-10	43,891	50,630	29,445	49,009	31,613	43,984	248,572
Sturgeon Rd Bridge (Sturgeon Creek)	3-12				2,033	10,977		13,010
Osborne St Bridge (Assiniboine River)	3-13			1,355	6,776	6,294		14,425
Jubilee Ave Overpass (Pembina Hwy)	3-14		896	7,638				8,534
Waverley St / CN Mainline Grade Separation	3-15			1,119				1,119
Louise Bridge (Red River) Rehabilitation or Replacement	3-16						1,581	1,581
Pembina Highway Underpass	3-17						6,323	6,323
St. James Street Bridge (Omand's Creek)	3-18						3,161	3,161
Ness Avenue Culvert (Sturgeon Creek)	3-19						3,161	3,161
Waterway Crossing and Grade Separations - Annual Program	3-20	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Disraeli Bridge and Overpass Facility	3-21	38,000	2,000	2,000				42,000
Culvert Replacement Program - St. Matthews Ave (Omand's Creek)	3-22		1,792					1,792
Fort Garry Bridge Rehabilitation and Widening	3-23	10,238	7,840					18,078
Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd	3-25	62,000	2,000					64,000
Asset Management System - Various Divisions	3-26	100	100	100	100	100	100	600
Corporate Finance								
Local Improvements - Ongoing Program	3-37	3,794	1,600	1,600	1,600	1,600	1,600	11,794
Total Roadway Construction and Maintenance		178,603	90,790	62,727	62,968	66,205	63,360	524,653

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
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 Improvement - Various Locations	3-7	650	650	650	650	650	650	3,900
Land Acquisition - Right of Way	3-29	324						324
Planning Property and Development - other								
Riverbank Access Park and Dock Network	3-75		300					300
Total Transportation Planning and Traffic Management		3,274	3,250	2,950	2,950	2,950	2,950	18,324
Roadway Snow Removal and Ice Control								
Public Works								
Sand / Salt Storage Facility	3-28	1,300						1,300
Total Roadway Snow Removal and Ice Control		1,300						1,300
City Beautification								
Planning, Property and Development - other								
Downtown Enhancement Program	3-72	400	400	400	400	400	400	2,400
Image Route Enhancements / Streetscaping	3-73	400	400	400	400	400	400	2,400
Public Art Strategy	3-76	500	500	500	500	500	500	3,000
Total City Beautification		1,300	1,300	1,300	1,300	1,300	1,300	7,800

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
Land Drainage and Flood Control								
Public Works								
Land Drainage Sewers - Regional / Local Streets	3-27	200	150	150	150	150	150	950
Water and Waste								
Stormwater Retention Basin Rehabilitation	3-124	150	200	200	200	400	400	1,550
Flood Pumping Station Rehabilitation	3-125	850	900	1,000	1,000	1,000	1,000	5,750
Land Drainage and Combined Sewers Outfall Gate Structures	3-126	900	1,450	1,450	1,450	1,500	1,500	8,250
Floodplain Management	3-127		700					700
Seine River Waterway Acquisition	3-128	100	150	150	150	150	150	850
Primary Dike Upgrading	3-129		250	300	1,500	1,390	1,500	4,940
Land Drainage Safety Upgrading Program	3-130		200	200	100	200	200	900
Charleswood & Wilkes South Land Drainage Project	3-131	1,343						1,343
Land Drainage Asset Management Strategy	3-132				200			200
Ravelston Land Drainage Pumping Station Upgrading	3-133	2,352						2,352
Portable Flood Pumps	3-134	250	250					500
Flood Equipment Storage Facility	3-135			500				500
Combined Sewer Flood Relief	3-136	7,200	7,200	7,200	7,200	7,200	7,200	43,200
Flood Relief Sewers - Separate	3-137	300	300	300	300	300	300	1,800
Development Agreement Paybacks	3-138	750	500				500	1,750
Fernbank Ave Land Drainage Sewer	3-139				875			875
Outfall Rehabilitation - Cash to Capital (Equity in Capital Assets Fund)	3-140	500	400	550	550	800	800	3,600
Total Land Drainage and Flood Control		14,895	12,650	12,000	13,675	13,090	13,700	80,010
Parks and Urban Forestry								
Public Works								
Reforestation - Improvements	3-31	383	383	383	383	433	383	2,348
Athletic Fields - Improvements	3-32	200	200	200	200	200	200	1,200
Parks - Improvements	3-33	1,250	900	808	262	617	677	4,514
Playground Structures	3-34	1,750	1,750	1,750	1,750	1,800	1,800	10,600
Pathway / Roadway / Tennis Court Upgrading	3-35	150	150			150	150	600
Community Park Amenities	3-36	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Planning, Property and Development								
Riverbank Greenway Programs (formerly Pathways)	3-67	465	222	185	203	351	381	1,807
Land Acquisition - Riverbank	3-68		300	200	200	200		900
Riverbank Stabilization - Physical Asset Protection - First Call on 2008 Capital Budget - St. Vital Park - $900,000 (Council January 25, 2007)	3-70	1,500	1,000	1,000	1,000	1,000	1,000	6,500
Total Parks and Urban Forestry		7,198	6,405	6,026	5,498	6,251	6,091	37,469

CAPITAL PROJECTS SUMMARY
SERVICED BASED VIEW
(in Thousands of $)

	DETAIL PAGE NO.	PRELIMINARY CAPITAL						2008-2013 6 YEAR TOTAL BUDGET
		2008 Budget	FORECAST					
			2009	2010	2011	2012	2013	
Public Transit								
Transit								
Transit Building Replacement / Refurbishment	3-121			6,109	7,522	9,951	12,906	36,488
Transit Security Enhancements	3-118	250	250	250				750
Fare Collection System	3-119		3,500	2,500	2,500			8,500
Innovative Transit Program	3-120	700	700	800	800	800	1,000	4,800
Transit Buses	3-122	12,711	14,403	15,112	15,057	16,285	16,585	90,153
Transit Improvements	3-123	3,054	6,109					9,163
Total Public Transit		16,715	24,962	24,771	25,879	27,036	30,491	149,854
Water								
Water and Waste - Waterworks System								
Long Term Zebra Mussel Mitigation	3-141						1,100	1,100
Saskatchewan Avenue Feedermain	3-142				1,300			1,300
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-143				1,800	2,900		4,700
Branch II Aqueduct Valve Interconnection Control Structure	3-144	500						500
Tache Booster Pumping Station Upgrading	3-145	800						800
Shoal Lake Aqueduct Intake Structure Condition Assessment	3-146	200	800	1,000				2,000
Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement	3-147		2,500					2,500
Shoal Lake Intake Chloramination Facility	3-148	300			2,000			2,300
General Water Infrastructure Rehabilitation	3-149			300	300	300	300	1,200
Midtown Feedermain - Assiniboine River Crossing Replacement / Rehabilitation	3-150	2,500						2,500
Waverley West Feedermain	3-151		2,500			4,200		6,700
Feedermain Condition Assessment Study - Phase 1	3-152	500						500
Water Utility Asset Management Strategy	3-153		200					200
Shoal Lake Aqueduct Asset Preservation	3-154					1,000		1,000
Water Supply Valve Installation / Replacement Program	3-155	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility)	3-156			700				700
Hurst Pumping Station Building - Structural Repairs	3-157			1,000				1,000
Chlorination Decommission at Regional Pump Stations	3-158			100				100
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-159	300	300	300				900
Deacon Booster Pumping Station - Building Upgrades	3-160	500						500
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	125			500

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
Water and Waste - Waterworks System (continued)								
Branch 1 Aqueduct at Seine River - Riverbank Stabilization	3-165	200	200	1,000				1,400
Regional Pumping Stations Reliability Upgrades	3-166					1,600		1,600
Waterworks System Security Upgrades	3-167	500	500	500	500	500	500	3,000
Assessments of Water System Infrastructure and Water Supply Sources	3-168						750	750
McPhillips Reservoir Slope Stability Remediation	3-169	120						120
Arc Flash Hazard Analysis and Remediation	3-170		525					525
Regional Servicing Strategy for Plan Winnipeg	3-171	150						150
Public Water Outlets	3-172	500						500
Capital Investment Fund	3-173	1,850						1,850
Watermain Renewals	3-174	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Total Water		20,545	19,150	16,525	19,625	22,000	14,150	111,995
Wastewater ***Water and Waste - Sewage Disposal*** Primary Clarifier Refurbishment - NEWPCC	3-175	1,500						1,500
Lift Stations Upgrading	3-176	750	750	750	750	750	750	4,500
Inflow / Infiltration / Cross-Connection Study and Mitigation	3-177	750						750
Sewer System Isolation in Areas Protected by Secondary Dikes	3-178		500	1,000	1,000			2,500
Raw Sewage Pump Replacement - NEWPCC	3-179			2,000				2,000
Surgewell Condition Assessment & Main Pump Hydraulic Rehabilitation - NEWPCC	3-180		5,100	5,200				10,300
Waverley West Interceptor Sewer	3-181	480	4,500			6,900		11,880
Upgrading External Power Supply - NEWPCC	3-182					4,000		4,000
Septage Acceptance Facility - Wastewater Pollution Control Centres	3-183	3,500						3,500
Re-Roofing at Water Pollution Control Centres	3-184	400		400		400		1,200
Head Tank Replacement - NEWPCC	3-185				500			500
Centrifuge Replacement - NEWPCC	3-186				6,900			6,900
River Crossings Monitoring and Rehabilitation	3-187	2,500	2,300	1,300	1,300	1,300	1,300	10,000
Asbestos Containing Materials Operations & Maintenance Program	3-188	125	125	125	125			500
Digester Area Upgrades - NEWPCC	3-189	600		700				1,300
Water Pollution Control Centre Reliability Upgrades	3-190		5,000	5,000	5,000		5,000	20,000
Arc Flash Hazard Analysis and Remediation	3-191	1,600						1,600
Regional Servicing Strategy for Plan Winnipeg	3-192	350						350
Wastewater System Security Upgrades	3-193		100					100
HVAC Replacement - West End Water Pollution Control Centre (WEWPCC)	3-194						5,000	5,000

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
Water and Waste - Sewage Disposal (continued)								
Traffic Safety Upgrades - North End Water Pollution Control Centre (NEWPCC)	3-195						1,800	1,800
Holding Tanks Coating - North End Water Pollution Control Centre (NEWPCC)	3-196						1,500	1,500
Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)	3-197						18,000	18,000
Capital Investment Fund	3-198	2,818						2,818
Environmental Impact Statement and Public Hearings - Environmental Reserve	3-199	200	200	200	200	200		1,000
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation	3-200		7,000	8,000	9,000	9,000	10,000	43,000
Biosolids - Alternative Disposal Delivery & Management System	3-201	117	7,000	20,000	10,950	23,050		61,117
Effluent Disinfection and Nutrient Removal - WEWPCC	3-202	7,410	4,190					11,600
Nutrient Removal / Expansion - SEWPCC	3-203	50,000	73,000	64,000				187,000
Nutrient Removal - NEWPCC	3-205	10,000	21,000		150,000	150,000	65,000	396,000
Sewer Renewal	3-206	12,600	12,600	12,600	12,600	12,600	12,600	75,600
Total Wastewater		95,700	143,365	121,275	198,325	208,200	120,950	887,815
Solid Waste Collection & Disposal								
Water and Waste - Solid Waste Disposal								
Landfill Cell Excavation	3-207		2,300					2,300
Summit Landfill Closure / Post-Closure	3-208	150	300	300	300	300	150	1,500
Miscellaneous Land Acquisition	3-209		100					100
Cordite Landfill Remedial Work	3-210	252						252
Brady Landfill Staff Building	3-211		1,000					1,000
Total Solid Waste Collection & Disposal		402	3,700	300	300	300	150	5,152
TOTAL INFRASTRUCTURE RENEWAL AND PUBLIC WORKS		339,932	305,572	247,874	330,520	347,332	253,142	1,824,372

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
PROTECTION AND COMMUNITY SERVICES								
Police Response								
Winnipeg Police Service								
Renovations - 5th Floor Public Safety Building	3-52			616				616
Emergency Exit Overpass - 4th Floor Public Safety Building to Parkade	3-53		336					336
Replace Voice 2-Way Radio System	3-54	2,400	1,815	4,683				8,898
Wireless Emergency 911 Upgrade	3-55			260				260
Automated Fingerprint Identification System (AFIS) Replacement	3-56				500			500
Police Priority Dispatch System	3-57			427				427
Outdoor Shooting Range	3-58	700	896					1,596
Central Processing Unit	3-59			4,188				4,188
Identification Unit - Forensic Services	3-60	2,108	768			7,611	8,220	18,707
Winnipeg Police Service Communications	3-61				7,193			7,193
Digital Recording - Interview Rooms	3-62					323		323
Police Building Replacement	3-63	29,145						29,145
Total Police Response		34,353	3,815	10,174	7,693	7,934	8,220	72,189
Fire and Rescue Response								
Fire Paramedic Service								
Facilities Replacement and Relocation Program	3-64	1,792		2,600		840	850	6,082
Total Fire Paramedic Service		1,792		2,600		840	850	6,082
Recreation								
Community Service Department								
Recreational Facility Safety & Accessibility Improvements	3-46	400	600	300		400	400	2,100
New Recreation and Leisure Facility Equipment Program	3-48	400	400					800
Sports Facility Program	3-50	40						40
Planning Property and Development - Building Services								
Community Centres - Refurbishing and Improvements	3-94	540	500	500	500	500	500	3,040
Arenas	3-95	525	525	525	525	525	525	3,150
Indoor Aquatic Facilities - First Call on 2008 Capital Budget - Cindy Klassen Recreation Complex - $1.1 million, Waterslide Replacement at Elmwood Kildonan Pool - $250,000 (Council September 26, 2007)	3-96	2,450	2,450	2,450	2,450	2,530	2,530	14,860
Outdoor Aquatic Facilities	3-97	350	350	450	450	450	450	2,500
Community Facilities	3-98	200	200	200	200	200	200	1,200
Fire / Life Safety Replacement / Asbestos Abatement	3-99	225	225	225	225	225	225	1,350
UFF - Hockey Pen Light Standard Replacement	3-102	100	100	100	100	100	100	600
Recreation and Leisure Facilities - First Call on 2008 Capital Budget - Spray Pad/Park Investment - $286,598 (Council July 18, 2007)	3-103	17,375	2,125	100				19,600
Total Recreation		22,605	7,475	4,850	4,450	4,930	4,930	49,240

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						2008-2013 6 YEAR TOTAL BUDGET
		2008 Budget	FORECAST					
			2009	2010	2011	2012	2013	
Libraries								
Community Service Department								
Library Replacement - Various	3-39		3,000	2,000		4,000	2,000	11,000
Library Shelving and Furniture Replacement Program	3-40		500			200	500	1,200
Renovate and Refurbish Various Library Branches - First Call on 2008 Capital Budget - Cindy Klassen Recreation Complex - $200,000 (Council September 26, 2007)	3-43	1,250				300	1,000	2,550
Library Technology Upgrade and Replacement	3-45			500				500
Library Signage, Safety and Accessibility	3-47					200	200	400
Total Libraries		1,250	3,500	2,500		4,700	3,700	15,650
Arts, Entertainment and Culture								
Community Service Department								
Assiniboine Park Amenities Improvements / Development	3-51		2,000	2,000	2,000	2,000	3,000	11,000
Total Arts, Entertainment and Culture			2,000	2,000	2,000	2,000	3,000	11,000
Insect Control								
Community Service Department								
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package	3-42	160	160	160				480
Total Insect Control		160	160	160				480
Community Services - Other								
Community Service Department								
Imaging and Document Management	3-44		250	250	250			750
Business Application Systems	3-49						250	250
Total Community Services - Other			250	250	250		250	1,000
TOTAL PROTECTION AND COMMUNITY SERVICES		60,160	17,200	22,534	14,393	20,404	20,950	155,641

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
PROPERTY AND DEVELOPMENT								
Neighbourhood Revitalization								
Public Works								
City-Wide Accessibility Program	3-30	250	250	250	250	250	250	1,500
Community Service Department								
Community Incentive Grant Program	3-38	1,421	1,449	1,478	1,508	1,538	1,569	8,963
Integrated Property Based Information Systems	3-41			500				500
Planning, Property and Development								
Building Communities	3-77	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Total Neighourhood Revitalization		3,671	3,699	4,228	3,758	3,788	3,819	22,963
Heritage Conservation								
Civic Accommodations								
Historic Building Stabilization	3-87	200	500	400		200	200	1,500
Total Heritage Conservation		200	500	400		200	200	1,500
Cemeteries								
Planning, Property and Development								
Cemeteries - Improvements	3-69	250				100	100	450
Total Cemeteries		250				100	100	450
Property Asset Management								
Planning, Property and Development								
Land Acquisition for General Unspecified Purposes	3-66	328	500	500	500	500	500	2,828
Civic Accommodations								
General Building Renovation and Refurbishing	3-78	500		500	500	500	500	2,500
Civic Buildings - Barrier Free Access	3-79				300	300		600
Removal of Asbestos	3-80		100	300	100	124	100	724
Roof Replacement	3-81	500	500	800	200	200	250	2,450

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	DETAIL PAGE NO.	PRELIMINARY CAPITAL						2008-2013 6 YEAR TOTAL BUDGET
		2008 Budget	FORECAST					
			2009	2010	2011	2012	2013	
Property Asset Management (continued)								
Fire Safety Upgrading - Various Locations	3-82		200	500	200	200	200	1,300
Public Safety Building - Exterior Cladding	3-83	3,033	5,367					8,400
Energy Conservation	3-84	200		300		200		700
Civic Centre Car Park Tunnel	3-85					200		200
Tenant Improvement Prepayment - Major Department	3-86					500		500
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades	3-88	400		900		200	500	2,000
Building Envelope - Evaluation and Emergency Repair	3-89		500	1,000		200		1,700
Elevator and Escalator Repair	3-90			800	400	200		1,400
510 Main Street - Generator Set Replacement	3-91						2,700	2,700
Parking Lot Surface Repairs	3-92			200	200	200	200	800
Public Works / Water & Waste Departments Facilities Consolidation	3-93	973						973
Planning Property and Development - Building Services								
Security / Building Automation Systems Initiatives	3-100	125	125	125	125	125	125	750
Building Asset / Work Management Program	3-101	100	100					200
Total Property Asset Management		6,159	7,392	5,925	2,525	3,649	5,075	30,725
Planning Property and Development - Other								
Planning, Property and Development								
Computer Automation	3-65	185	165	200	200	200	200	1,150
Expand Property Management and Integrate with Public Works Work Management System	3-74		112					112
Total Planning Property and Development - Other		185	277	200	200	200	200	1,262
TOTAL PROPERTY AND DEVELOPMENT		10,465	11,868	10,753	6,483	7,937	9,394	56,900

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		2008 Budget	FORECAST					2008-2013 6 YEAR TOTAL BUDGET
			2009	2010	2011	2012	2013	
CITY GOVERNANCE								
Corporate								
Internal Services								
Communications Network Infrastructure	3-109	648	648	633	638	643	642	3,852
Network Computing Initiatives	3-110	620	216	209	211	213	213	1,682
E-Government	3-111	250	150	1,057	1,070	617	629	3,773
PeopleSoft Upgrade	3-112				1,500	1,000	500	3,000
Data Warehouse / Business Intelligence	3-113		125	520	200		169	1,014
Property Assessment								
Assessment Automation	3-114		500	1,000	500			2,000
Corporate Finance - Other								
311 Customer Service	3-116	4,917						4,917
Capital Invesment Fund	3-117	4,357		6,138	6,138	6,138	6,138	28,909
Total Corporate		10,792	1,639	9,557	10,257	8,611	8,291	49,147
Council Services								
City Clerks								
Office Automation	3-104		200		200		200	600
Corporate Records Centre	3-105					200		200
Election Systems	3-106		150	150				300
Voting Machine Replacement	3-107		1,500	250				1,750
City Archives	3-108	150		500	500	500	500	2,150
Total Council Services		150	1,850	900	700	700	700	5,000
TOTAL CITY GOVERNANCE		10,942	3,489	10,457	10,957	9,311	8,991	54,147
TOTAL CAPITAL PROGRAM - SERVICE BASED VIEW		421,499	338,129	291,618	362,353	384,984	292,477	2,091,060