

2009 Adopted Capital Budget

**2010 - 2014
Five Year Forecast**



City of Winnipeg

2009 Capital Budget

and

2010 to 2014 Five Year Forecast

Adopted by Council on December 16, 2008

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Table of Contents

Overview	Section 1
Capital Projects Summary	Section 2
Capital Projects Detail	Section 3
Service Based View	Section 4
Appendices	Section 5
Appendix 1: City of Winnipeg Profile	5-1
Appendix 2: Capital Priority Rating System	5-9
Appendix 3: Historical Analysis of Borrowing Authority, Financing Sources, Application of Funds	5-11
Appendix 4: Statement of Current and Authorized Debenture Debt	5-15



The City of Winnipeg

Overview

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Five Year

Capital Forecast



2009 CAPITAL BUDGET PROCESS...

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

HIGHLIGHTS

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

AREAS OF MAJOR CAPITAL INVESTMENT



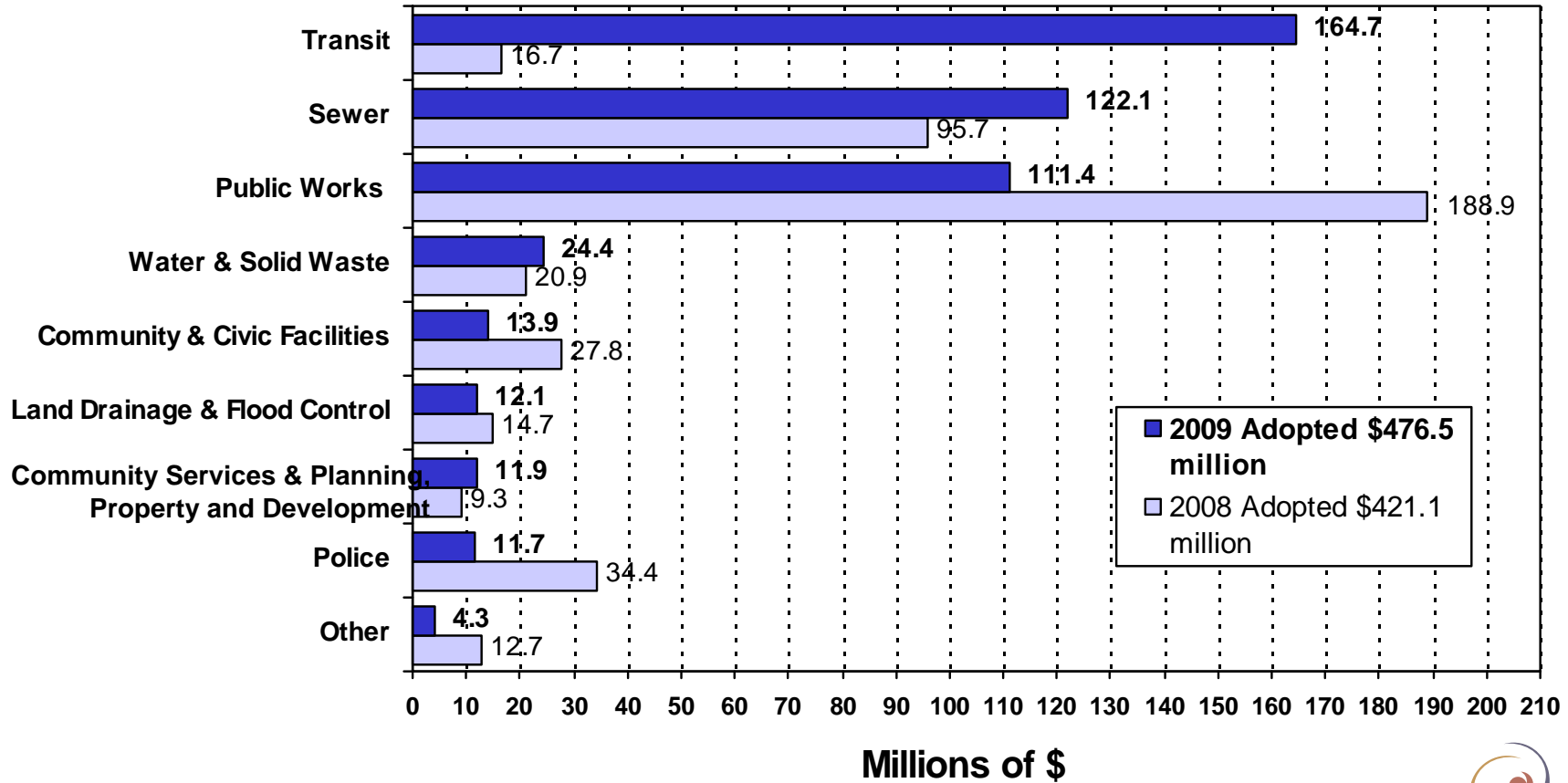
- **\$868 million for sewage disposal projects**
- **\$430 million for roads and bridges**
- **\$305 million for the transit system**
- **\$114 million for the water system**
- **\$105 million for community infrastructure and amenities**
- **\$77 million for land drainage and flood control**
- **\$56 million for public safety infrastructure**

PROTECTING OUR ENVIRONMENT

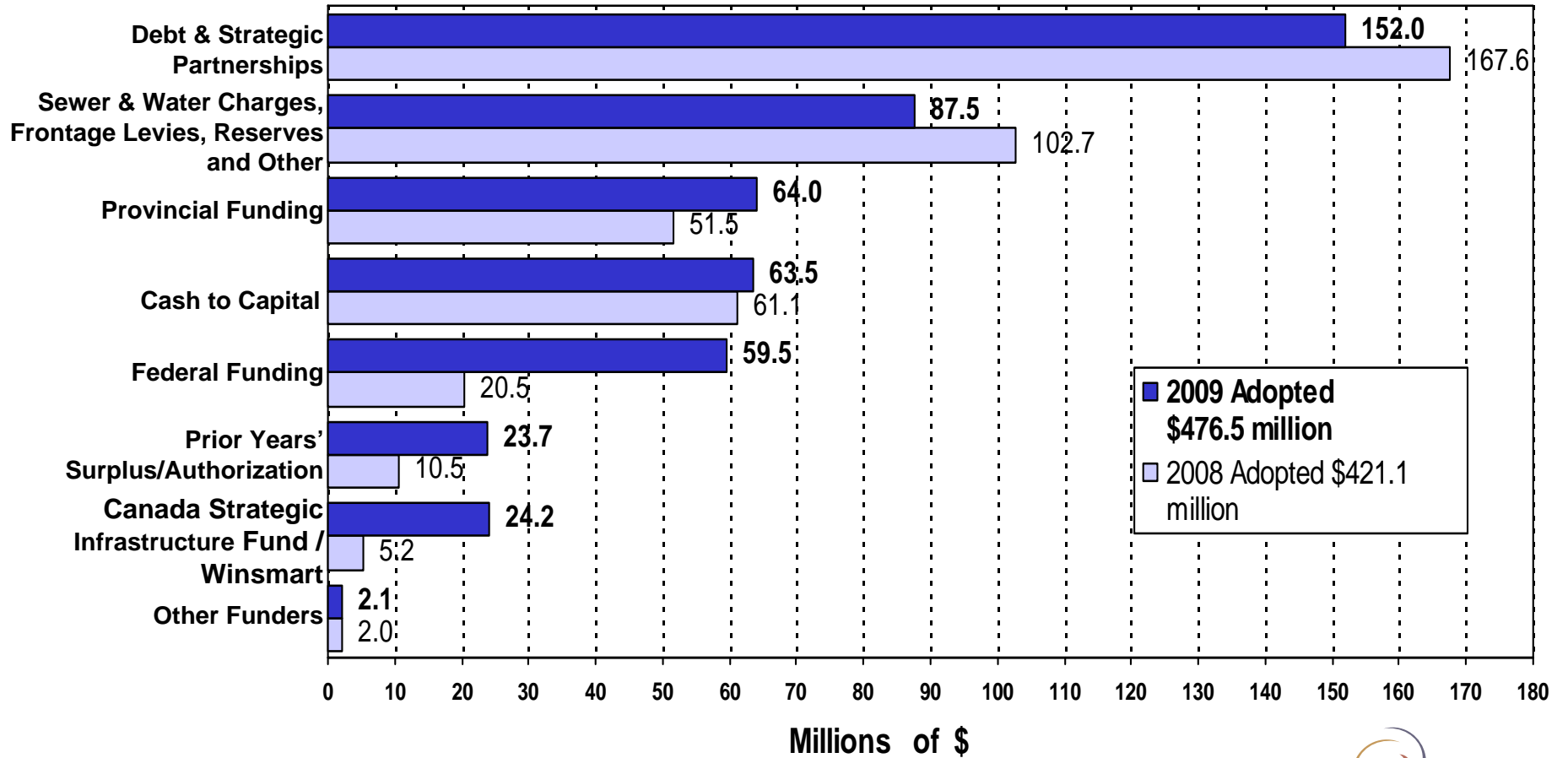
- Southwest rapid transit corridor – stage 1
- Upgrades for wastewater collection and treatment
- Combined sewer overflow management
- Land drainage and flood protection
- Active transportation
- Riverbank stabilization
- Central Park redevelopment
- Brady landfill gas capture



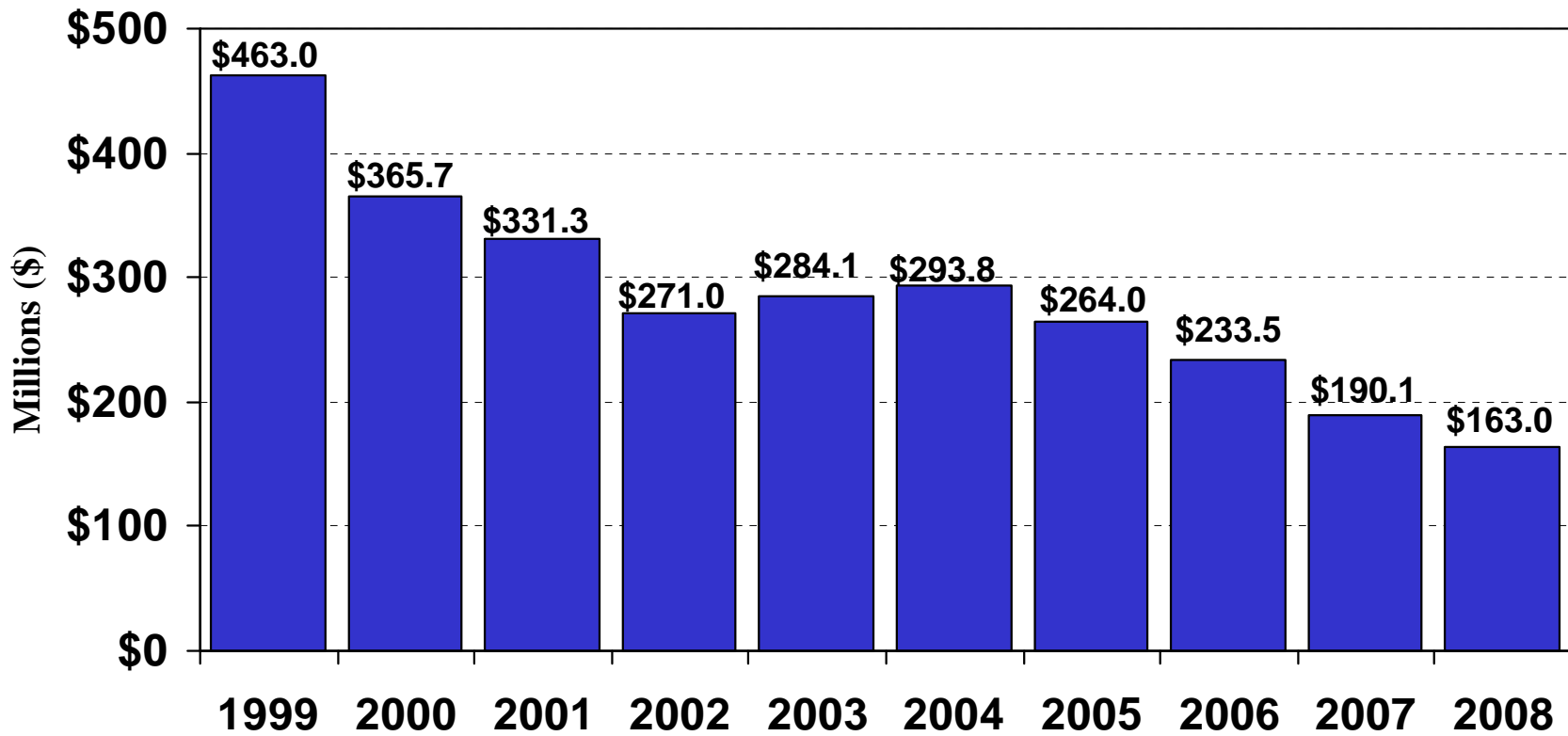
CAPITAL PROJECTS (Authorizations)



CAPITAL FINANCING

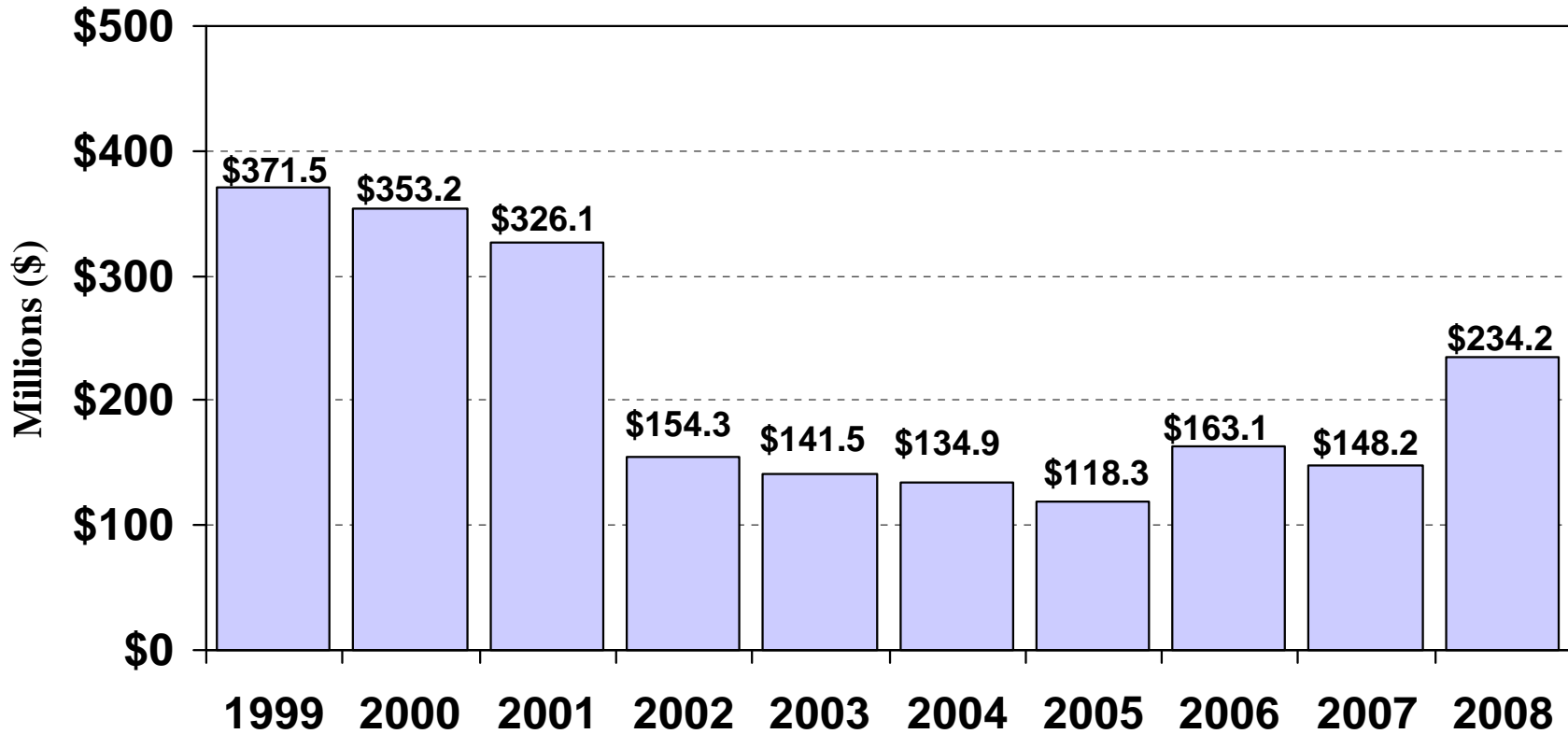


TAX SUPPORTED NET DEBENTURE DEBT



Tax supported net debenture debt decreased by 64.8% from 1999 to 2008.

UTILITY NET DEBENTURE DEBT



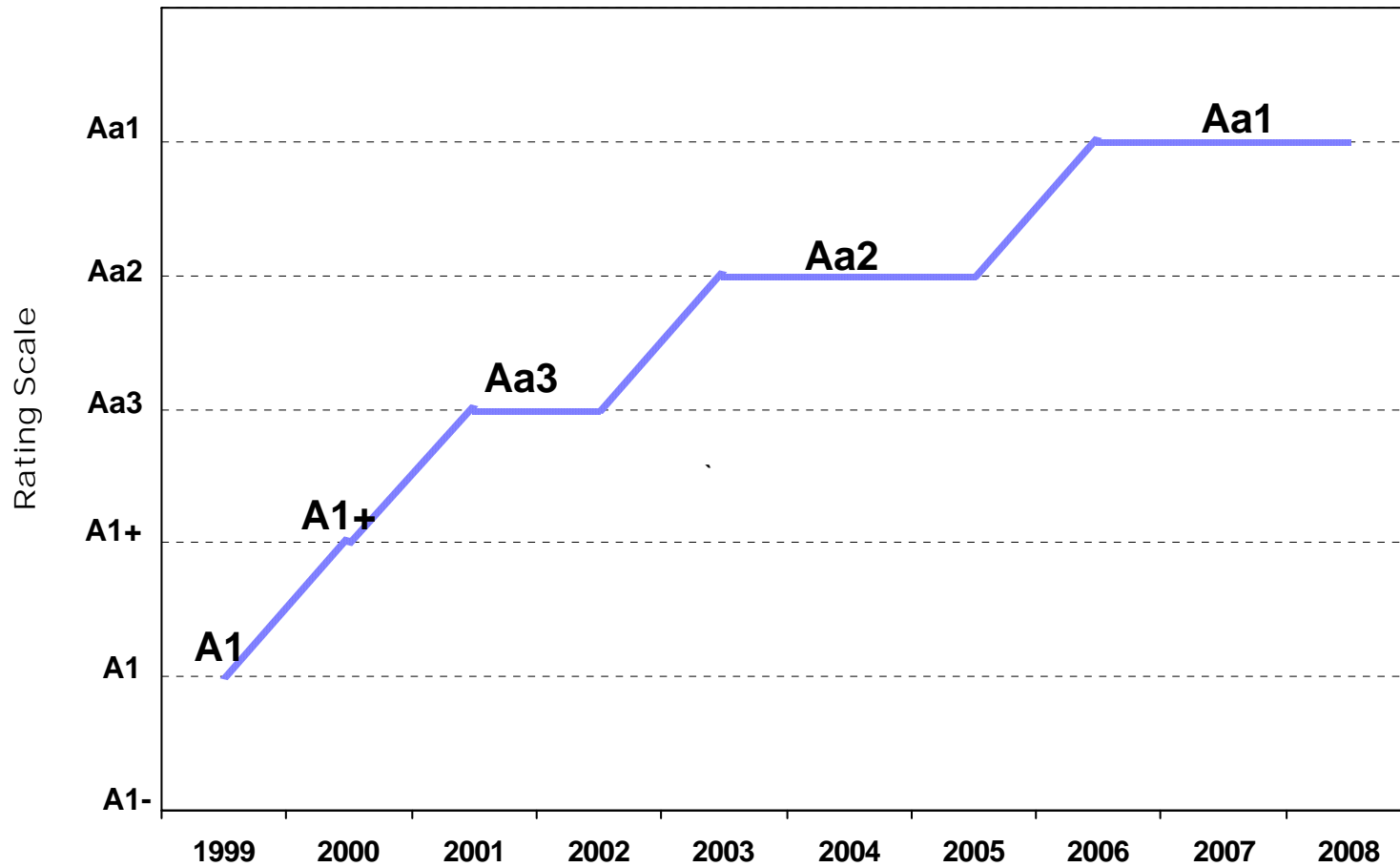
Utilities (including Civic Accommodations and Transit) net debenture debt decreased by 37.0% from 1999 to 2008.

CREDIT RATING

2009 ADOPTED CAPITAL BUDGET

10

2010 TO 2014 FIVE YEAR FORECAST



Source Moody's Investors Service



Council Adoption of the 2009 Capital Budget

On December 16, 2008 Council adopted the following recommendations:

1. A. That the 2009 Capital Budget totalling \$476,089,000 requiring borrowing authority totalling \$58,560,000 for the Sewer System and Local Improvements, as tabled at the Executive Policy Committee meeting on November 26, 2008, and amended by Recommendations No. 2 and 3, be approved.

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

- B. That the 2010 to 2014 Five Year Capital Forecast, as tabled at the Executive Policy Committee meeting on November 26, 2008, and amended by Recommendation No. 2 and 3, be approved in principle.
2. That the following changes be made to the 2009 Capital Budget and the 2010 to 2014 Five Year Capital Forecast tabled at the Executive Policy Committee on November 27, 2008:
 - A. That funding for Active Transportation Corridors be increased by \$500,000.00 for 2009 and the Public Service report back on the recommended active transportation plan;
 - B. That funding for Local and Regional Sidewalk and Curb Renewals be increased by \$500,000.00 for 2009;
 - C. That funding for Downtown Enhancement be increased by \$200,000.00 in 2009 in order to carry out the work at the sites listed below:
 - i. Old Market Square
 - ii. Manitoba Hydro Tower;
 - D. That funding for Lane Renewals be increased by \$500,000.00 for 2009;

with a corresponding offset of \$1,700,000.00 from Innovative Capital.
3. A. That \$250,000.00 in funding for Active Transportation be transferred from the Land Acquisition - Transportation Right of Way account, for a feasibility study of the Red River crossing options from South St. Vital area to the University of Manitoba.
- B. That \$400,000.00 in funding be identified in 2009 for Image Route Enhancements / Streetscaping and reallocated from prior years' authorizations of the Building Communities Initiative.

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

<u>Year</u>	<u>\$ Millions</u>
2009	63.478
2010	65.478
2011	67.478
2012	69.478
2013	71.478
2014	73.478

5. That \$1.968 million in prior years' tax supported capital surplus from the 2007 Innovative Capital account and \$3.925 million in prior years' tax-supported capital surplus identified in the recent capital review be transferred to fund tax supported capital projects in the 2009 Capital Budget.
6. That the City work with the Province on project selection for funding under the Manitoba/Winnipeg Infrastructure Program (MWIP) and the Provincial funding for road improvement projects from priorities included in the City's tax supported Capital Budget.
7. That the City work with the Province of Manitoba and the Government of Canada for a new multi-year cost-sharing agreement to fund sewer and wastewater treatment projects resulting from the Clean Environment Commission Recommendations, which includes the Province's existing commitment of \$206 million to wastewater treatment upgrades.
8. That the City negotiate with the Province of Manitoba and Government of Canada for a new multi-year cost sharing agreement for the first and second stage of the Southwest Rapid Transit Corridor.
9. That all other transfers from utility operations, reserves and other funds outlined in the capital budget be approved.
10. That Council authorize the expenditure of \$1 million for Library Replacement in 2009 or prior to the adoption of the 2010 Capital Budget as a first charge, in accordance with Subsection 288(2) of the City of Winnipeg Charter to allow for timely preliminary capital work.
11. That the Acting City Solicitor/Manager of Legal Services be requested to submit the necessary borrowing by-law directly to Council.
12. 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.



The City of Winnipeg

CAPITAL PROJECTS SUMMARY

2009

Adopted Capital Budget

and

2010 to 2014

Five Year Forecast

Adopted by Council December 16, 2008

Notes:

1. Capital budget amounts are estimates only and are subject to materials management policy (e.g. tenders, bids, and contract awards including Public Private Partnership proposals).
2. In the attached Capital Projects Listing, tax supported capital projects are financed by cash to capital unless another funding source is disclosed for the project. In addition, the Manitoba Winnipeg Infrastructure Program, Provincial funding for Road Improvements, and Prior Years' Surplus/Authorization financing amounts are not all allocated to individual capital projects. These unallocated financing amounts will offset cash to capital requirements.

Table of Contents

Summary of Capital Program	2-1
Summary of Financing Sources	2-2
Tax Supported	
Public Works	2-3
Local Improvements	2-6
Community Services	2-6
Winnipeg Police Service	2-7
Fire Paramedic Service	2-7
Planning, Property and Development	2-8
Civic Accommodations	2-9
Building Services	2-10
City Clerks	2-10
Corporate Support Services	2-11
Assessment and Taxation.....	2-11
Other Projects	2-11
Transit	2-12
Land Drainage and Flood Control	2-13
Utilities	
Waterworks System	2-14
Sewage Disposal System	2-15
Solid Waste Disposal System	2-17

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL DECEMBER 16, 2008						2009-2014 6 YEAR TOTAL
	BUDGET 2009	FORECAST					
		2010	2011	2012	2013	2014	
<u>SUMMARY OF CAPITAL PROGRAM</u>							
TAX SUPPORTED							
Public Works	101,573	69,518	69,313	73,155	70,320	73,898	457,777
Local Improvements	9,777	1,600	1,600	1,600	1,600	1,600	17,777
Land Drainage and Flood Control	12,100	12,400	13,525	12,940	13,550	12,498	77,013
Community Services & Community Incentive Grants	6,559	9,938	4,008	7,638	9,919	9,250	47,312
Winnipeg Police Service	11,696	6,327	7,693	8,134	9,420	7,149	50,419
Fire Paramedic Service		2,600		840	850	858	5,148
Planning, Property and Development	5,344	6,425	3,964	3,939	4,481	4,548	28,701
City Clerks	1,950	1,100	700	700	850	700	6,000
Corporate Support Services	583	1,890	3,084	2,473	1,788	2,407	12,225
Assessment and Taxation	500	1,000		500			2,000
Other Projects	1,299	6,292	6,184	6,173	6,138	6,871	32,957
Sub-Total Tax Supported General	151,381	119,090	110,071	118,092	118,916	119,779	737,329
Civic Accommodations	7,167	5,700	1,900	3,224	4,250	4,130	26,371
Building Services	6,700	4,675	4,575	4,655	4,655	5,035	30,295
Transit	164,712	27,771	26,621	27,036	29,291	29,979	305,410
Total Tax Supported Including Transit, Civic Accommodations, and Building Services	329,960	157,236	143,167	153,007	157,112	158,923	1,099,405
UTILITIES							
Waterworks System	22,382	18,500	18,925	24,675	16,100	13,500	114,082
Sewage Disposal System	122,147	122,100	224,630	208,566	135,025	55,329	867,797
Solid Waste Disposal System	2,000	12,575	400	400		4,700	20,075
Total Utilities	146,529	153,175	243,955	233,641	151,125	73,529	1,001,954
TOTAL CAPITAL PROGRAM	476,489	310,411	387,122	386,648	308,237	232,452	2,101,359

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL DECEMBER 16, 2008						
	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
		2010	2011	2012	2013	2014	
SUMMARY OF FINANCING SOURCES							
Cash to Capital (Equity in Capital Assets Fund)	63,478	65,478	67,478	69,478	71,478	73,478	410,868
Public Private Partnership Lease Payments	(2,369)	(17,584)	(23,013)	(24,571)	(24,670)	(24,670)	(116,877)
Frontage Levy	7,500	7,500	7,500	7,500	7,500	7,500	45,000
Reserves:							
- Transit Bus Replacement	7,920	8,797	10,135	12,445	12,745	13,060	65,102
- Rapid Transit Infrastructure	2,750		4,242				6,992
- Watermain Renewal	7,000	7,000	7,000	7,000	7,000	7,000	42,000
- Sewer System Rehabilitation	12,600	12,600	12,600	12,600	12,600	12,600	75,600
- Aqueduct Rehabilitation	300						300
- Environmental	11,450	8,100	24,155	21,391	21,425	21,414	107,935
- General Purpose (Repayment)	(12)	(250)	(8,000)	(1,000)			(9,262)
Interim Financing (Repayment)	2,342	(5,664)	(5,500)				(8,822)
Contributions from Other Levels of Government:							
- Canada Strategic Infrastructure Fund	24,246	21,539					45,785
- Federal Gas Tax	41,029	41,029	41,029	41,029	41,029	41,029	246,174
- Federal Government Funding (Transit)	17,500						17,500
- Public Transit Capital Trust/Bill C-66 Funding	1,000	1,000					2,000
- Manitoba Winnipeg Infrastructure Program	10,666	12,666	10,766	10,766	11,170	11,166	67,200
- Building Manitoba Fund	10,840	10,840	10,840	10,840	10,840	10,840	65,040
- Provincial Government Funding	17,500	4,450					21,950
- Provincial Funding for Road Improvements	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Other Funders:							
- Developers	2,056	500	1,170		500		4,226
- Public Private Partnership Authorization	3,734						3,734
Utilities Retained Earnings	37,989	28,748	50,200	42,650	45,100	21,150	225,837
Debt (Utilities, Transit, Local Improvements)	148,310	78,662	151,520	151,520	66,520	12,885	609,417
Prior Years' Surplus/Authorization	23,660						23,660
TOTAL FINANCING SOURCES	476,489	310,411	387,122	386,648	308,237	232,452	2,101,359

		ADOPTED BY COUNCIL DECEMBER 16, 2008						
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	
<u>CAPITAL PROJECTS LISTING</u>								
<u>PUBLIC WORKS</u>								
<u>Active Transportation Facilities</u>								
New Regional Sidewalks	3-1	250	250	250	250	250	250	1,500
Active Transportation Corridors	3-2	1,000	500	500	500	500	500	3,500
Recreational Walkways and Bike Paths - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund)		250			1,000	1,000	1,000	3,250
- Provincial Funding for Road Improvements		1,000	1,000	1,000				3,000
Total Recreational Walkways and Bike Paths - Various Locations	3-3	1,250	1,000	1,000	1,000	1,000	1,000	6,250
Total Active Transportation Facilities		2,500	1,750	1,750	1,750	1,750	1,750	11,250
<u>Regional Streets</u>								
<u>Street Improvements</u>								
Traffic Signals Enhancement	3-4	2,300	2,300	2,300	2,300	2,300	2,300	13,800
Developer Payback - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund) - First Call on 2009 Capital Budget - Dugald & Ravenhurst \$1.8 million (Council July 16, 2008)		9,950	250	5,205	12,171			27,576
- Developer Funding				295				295
Total Developer Payback - Various Locations	3-5	9,950	250	5,500	12,171			27,871
Kenaston Blvd - Academy Rd to Taylor Ave	3-6			100	100	100	100	400
Traffic Engineering Improvements - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund)		150	850	950	1,050	1,150	1,250	5,400
- Federal Gas Tax		600						600
Total Traffic Engineering Improvements - Various Locations	3-7	750	850	950	1,050	1,150	1,250	6,000
Inkster Blvd - Keewatin St to Brookside Blvd								
- Cash to Capital (Equity in Capital Assets Fund)		5,626	15,770					21,396
- Provincial Funding for Road Improvements		7,900						7,900
- Developer Funding		1,706						1,706
Total Inkster Blvd - Keewatin St to Brookside Blvd	3-8	15,232	15,770					31,002
Total Street Improvements		28,232	19,170	8,850	15,621	3,550	3,650	79,073

CAPITAL PROJECTS SUMMARY <i>(in Thousands of \$)</i>		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
				2010	2011	2012	2013	2014	
Regional and Local Streets									
- Cash to Capital (Equity in Capital Assets Fund)			10,023	1,890	20,266	7,570	21,325	21,569	82,643
- Federal Gas Tax			26,020	19,705	15,643	15,643	15,643	15,643	108,297
- Prior Years' Surplus			126						126
- Provincial Building Manitoba Fund - Roads			7,000	7,000	7,000	7,000	7,000	7,000	42,000
Total Regional and Local Streets		3-9	43,169	28,595	42,909	30,213	43,968	44,212	233,066
Waterway Crossings and Grade Separations									
Sturgeon Rd Bridge (Sturgeon Creek)		3-11		1,000	1,033	10,977			13,010
Osborne St Bridge (Assiniboine River)		3-12	1,000	355	6,776	6,294			14,425
Jubilee Ave Overpass (Pembina Hwy)		3-13	896	7,638					8,534
Waverley St / CN Mainline Grade Separation		3-14		1,119					1,119
Louise Bridge (Red River) Replacement		3-15					2,581	2,000	4,581
Pembina Highway Underpass		3-16			1,300		7,000	6,000	14,300
St. James Street Bridge (Omand's Creek)		3-17					2,161		2,161
Ness Avenue Culvert (Sturgeon Creek)		3-18				1,000	2,000	8,000	11,000
Waterway Crossing and Grade Separations - Annual Program		3-19	2,000	2,000	2,000	2,000	2,000	2,000	12,000
Disraeli Bridge and Overpass Facility									
- Cash to Capital (Equity in Capital Assets Fund)			2,000	2,000					4,000
- Prior Years' Surplus			2,500						2,500
- Federal Gas Tax				13,862	13,862	13,862	13,862	13,862	69,310
- Public Private Partnership Lease Payments				(13,862)	(13,862)	(13,862)	(13,862)	(13,862)	(69,310)
Total Disraeli Bridge and Overpass Facility		3-20	4,500	2,000					6,500
Culvert Replacement Program - St. Matthews Ave (Omand's Creek)									
- Cash to Capital (Equity in Capital Assets Fund)			192						192
- Federal Gas Tax			1,600						1,600
Total Culvert Replacement Program - St. Matthews Ave (Omand's Creek)		3-21	1,792						1,792
Fort Garry Bridge Rehabilitation and Widening									
- Cash to Capital (Equity in Capital Assets Fund)			1,140						1,140
- Federal Gas Tax			6,700						6,700
Total Fort Garry Bridge Rehabilitation and Widening		3-22	7,840						7,840
Charleswood Bridge									
- Cash to Capital (Equity in Capital Assets Fund)			1,478	1,478	1,478	1,478	1,478	1,478	8,868
- Public Private Partnership Lease Payments			(1,478)	(1,478)	(1,478)	(1,478)	(1,478)	(1,478)	(8,868)
Total Charleswood Bridge		3-23							
Total Waterway Crossings and Grade Separations			18,028	14,112	11,109	20,271	15,742	18,000	97,262

		ADOPTED BY COUNCIL DECEMBER 16, 2008						
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	
<u>New Transportation Facilities</u>								
Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd			2,000					2,000
- Cash to Capital (Equity in Capital Assets Fund)								23,013
- Federal Gas Tax				1,353	5,415	5,415	5,415	(23,013)
- Public Private Partnership Lease Payments				(1,353)	(5,415)	(5,415)	(5,415)	
Total Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd		3-24	2,000					2,000
Kenaston Blvd - Waverley (re-alignment) to Waverley south of the Perimeter Highway		3-25					1,000	1,000
Total New Transportation Facilities			2,000				1,000	3,000
<u>Other Streets Projects</u>								
Asset Management System - Various Divisions		3-26		100	100	100	100	500
Land Drainage Sewers - Regional / Local Streets		3-27		150	150	150	150	750
Sand / Salt Storage Facility		3-28	100					100
Land Acquisition - Transportation Right of Way - First Call on 2009 Capital Budget, Widening of Waverley (Council July 16, 2008)		3-29	1,711					1,711
City-Wide Accessibility Program		3-30	350	350	350	350	350	2,100
Winnipeg Transportation Strategy		3-31	600	650				1,250
Total Other Streets Projects			2,761	1,250	600	600	600	6,411
TOTAL STREETS PROJECTS			96,690	64,877	65,218	68,455	65,610	430,062
<u>Parks and Open Space</u>								
Reforestation - Improvements		3-32	383	383	383	433	383	2,348
Athletic Fields - Improvements		3-33	200	200	200	200	200	1,200
Parks - Improvements		3-34	900	808	262	617	677	3,917
Playground Structures		3-35	1,750	1,750	1,750	1,800	1,800	10,650
Pathway / Roadway / Tennis Court Upgrading		3-36	150			150	150	600
Community Park Amenities		3-37	1,500	1,500	1,500	1,500	1,500	9,000
Total Parks and Open Space			4,883	4,641	4,095	4,700	4,710	27,715
TOTAL PUBLIC WORKS			101,573	69,518	69,313	73,155	70,320	457,777

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL	
				2010	2011	2012	2013		2014
<u>LOCAL IMPROVEMENTS - Ongoing Program</u>									
- Cash to Capital (Equity in Capital Assets Fund)			1,077	1,080	80	80	80	80	2,477
- Interim Financing (Repayment)			855	(1,000)					(145)
- External Debt - Includes Riverbank Stabilization and Local Improvement Tax Financing Program of \$3 million in 2009			7,845	1,520	1,520	1,520	1,520	1,520	15,445
TOTAL LOCAL IMPROVEMENTS		3-38	9,777	1,600	1,600	1,600	1,600	1,600	17,777
<u>COMMUNITY SERVICES</u>									
Community Incentive Grant Program		3-39	1,449	1,478	1,508	1,538	1,569	1,600	9,142
Library Replacement - Various		3-40	1,000	5,000		3,000	3,000	2,000	14,000
Library Shelving and Furniture Replacement Program		3-41	500			200	500	200	1,400
Integrated Property Based Information Systems		3-42		250	250				500
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package		3-43	160	160					320
Insect Control - Secure Yard		3-44	200						200
Renovate and Refurbish Various Library Branches		3-45				300	1,000	1,000	2,300
Imaging and Document Management		3-46	250	250	250				750
Library Technology Upgrade and Replacement		3-47		500				500	1,000
Recreational Facility Safety & Accessibility Improvements		3-48	600	300		400	400	500	2,200
Library Signage, Safety and Accessibility		3-49				200	200	200	600
New Recreation and Leisure Facility Equipment Program		3-50	400						400
Business Application Systems		3-51					250		250
Technology Upgrade and Replacement		3-52						250	250
Assiniboine Park Amenities Improvements / Development		3-53	2,000	2,000	2,000	2,000	3,000	3,000	14,000
TOTAL COMMUNITY SERVICES			6,559	9,938	4,008	7,638	9,919	9,250	47,312

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	ADOPTED BY COUNCIL DECEMBER 16, 2008					2009-2014 6 YEAR TOTAL	
			BUDGET 2009	FORECAST					
				2010	2011	2012	2013		2014
<u>WINNIPEG POLICE SERVICE</u>									
Police Headquarters Renovations		3-54		1,452				1,452	
Replace Voice 2-Way Radio System		3-55	6,298					6,298	
Wireless Emergency 911 Upgrade		3-56		260				260	
Automated Fingerprint Identification System (AFIS) Replacement		3-57			500			500	
Police Priority Dispatch System		3-58		427				427	
Outdoor Shooting Range		3-59	896					896	
Central Processing Unit		3-60		4,188				4,188	
Identification Unit - Forensic Services		3-61	768			7,611	8,220	16,599	
Winnipeg Police Service Communications		3-62			7,193			7,193	
Digital Recording - Interview Rooms		3-63				523		523	
Information Systems - Unified Management, Storage, and Archiving System		3-64					593	593	
Mobile Laptops		3-65				1,200		1,200	
Evidence Control Building		3-66					6,556	6,556	
Police Building Replacement									
- Public Private Partnership Authorization			3,734					3,734	
- Cash to Capital (Equity in Capital Assets Fund)			891	891	2,258	3,816	3,915	15,686	
- Public Private Partnership Lease Payments			(891)	(891)	(2,258)	(3,816)	(3,915)	(15,686)	
Total Police Building Replacement		3-67	3,734					3,734	
TOTAL WINNIPEG POLICE SERVICE			11,696	6,327	7,693	8,134	9,420	7,149	50,419
<u>FIRE PARAMEDIC SERVICE</u>									
Facilities Replacement and Relocation Program		3-68		2,600		840	850	858	5,148
TOTAL FIRE PARAMEDIC SERVICE				2,600		840	850	858	5,148

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	2014	
<u>PLANNING, PROPERTY AND DEVELOPMENT</u>									
Computer Automation		3-69		200	200	200	200	200	1,000
Riverbank Greenway Programs		3-70	178	385	403	551	381	448	2,346
Cemeteries - Improvements		3-71	400	400	300	200	200	200	1,700
Downtown Enhancement Program		3-72	600	400	400	400	400	400	2,600
Image Route Enhancements / Streetscaping - Cash to Capital (Equity in Capital Assets Fund) - Prior Years' Authorization			400	400	400	400	400	400	2,000 400
Total 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	100						100
Public Art Strategy		3-76	500	500	500	500	500	500	3,000
Land Acquisition for General Unspecified Purposes		3-77		200	300	400	400	400	1,700
Developer Payback		3-78	454	290	261	88			1,093
Central Park Redevelopment		3-79	1,000						1,000
Riverbank Stabilization Grant Program - Cash to Capital (Equity in Capital Assets Fund) - Manitoba Winnipeg Infrastructure Program (MWIP)			500 500						500 500
Total Riverbank Stabilization Grant Program		3-80	1,000						1,000
Riverbank Stabilization - Physical Asset Protection - Cash to Capital (Equity in Capital Assets Fund) - Manitoba Winnipeg Infrastructure Program (MWIP)			100 500	100 900	1,000	1,000	1,000	1,000	4,200 1,400
Total Riverbank Stabilization - Physical Asset Protection		3-81	600	1,000	1,000	1,000	1,000	1,000	5,600
Building Communities Initiative II - Cash to Capital (Equity in Capital Assets Fund) - Manitoba Winnipeg Infrastructure Program (MWIP)				1,325 1,325	100 100	100 100	500 500	500 500	2,525 2,525
Total Building Communities Initiative II		3-82		2,650	200	200	1,000	1,000	5,050
TOTAL PLANNING, PROPERTY AND DEVELOPMENT			5,344	6,425	3,964	3,939	4,481	4,548	28,701

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL	
				2010	2011	2012	2013		2014
<u>CIVIC ACCOMMODATIONS</u>									
General Building Renovation and Refurbishing		3-83	500	500	500	500	500	2,500	
Civic Buildings - Barrier Free Access		3-84		300	300		230	830	
Removal of Asbestos		3-85	100	300	100	124	100	1,224	
Roof Replacement		3-86	500	800	200	200	250	2,350	
Fire Safety Upgrading - Various Locations		3-87	200	500	200	200	200	1,700	
Police Headquarters		3-88	5,367					5,367	
Energy Conservation		3-89		300		200		700	
Civic Centre Car Park Tunnel		3-90				200		200	
Tenant Improvement Prepayment - Major Department		3-91				500		1,000	
Historic Building Stabilization		3-92	500	400		200	200	1,500	
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades		3-93		900		200	500	2,100	
Building Envelope - Evaluation and Emergency Repair		3-94	500	1,000		200		1,900	
Elevator and Escalator Repair		3-95		800	400	200	300	2,000	
510 Main Street - Generator Set Replacement		3-96					1,600	1,600	
Surface Parking Lot Repairs		3-97		200	200	200	200	1,000	
Generator Set Replacement and Upgrades		3-98					200	200	
Electrical Distribution System Upgrades		3-99					200	200	
TOTAL CIVIC ACCOMMODATIONS			7,167	5,700	1,900	3,224	4,250	4,130	26,371

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	2014	
<u>BUILDING SERVICES</u>									
Community Centres - Refurbishing and Improvements		3-100	500	500	500	500	500	500	3,000
Arenas		3-101	525	525	525	525	525	525	3,150
Indoor Aquatic Facilities		3-102	2,450	2,450	2,450	2,530	2,530	2,530	14,940
Outdoor Aquatic Facilities		3-103	250	350	350	350	350	330	1,980
Community Facilities		3-104	200	200	200	200	200	200	1,200
Fire / Life Safety Replacement / Asbestos Abatement		3-105	225	225	225	225	225	225	1,350
Security / Building Automation Systems Initiatives		3-106	125	125	125	125	125	225	850
Building Asset / Work Management Program		3-107	200	100	100	100	100	200	800
UFF - Hockey Pen Light Standard Replacement		3-108	100	100	100	100	100	300	800
Recreation and Leisure Facilities									
- Cash to Capital (Equity in Capital Assets Fund)				860	8,000	1,000			9,860
- General Purpose Reserve (Repayment)					(8,000)	(1,000)			(9,000)
- Transfer from Sewage Disposal Utility Capital Program				3,292					3,292
- Canada Strategic Infrastructure Fund - Province			3,638	3,112					6,750
- Interim Financing (Repayment)			(1,513)	(7,164)					(8,677)
Total Recreation and Leisure Facilities		3-109	2,125	100					2,225
TOTAL BUILDING SERVICES			6,700	4,675	4,575	4,655	4,655	5,035	30,295
<u>CITY CLERKS</u>									
Office Automation		3-110	200		200		200		600
Corporate Records Centre		3-111				200			200
Election Systems		3-112	150	150			150	200	650
Voting Machine Replacement		3-113	1,500	250					1,750
City Archives		3-114		500	500	500	500	500	2,500
Security for Council Building		3-115	100	200					300
TOTAL CITY CLERKS			1,950	1,100	700	700	850	700	6,000

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	2014	
<u>CORPORATE SUPPORT SERVICES</u>									
E-Government	3-116	150	528	535	617	629	705	3,164	
Communications Network Infrastructure	3-117	92	633	638	643	277	641	2,924	
Network Computing Initiatives	3-118	216	209	211	213	213	212	1,274	
PeopleSoft Upgrade	3-119			1,500	1,000	500	646	3,646	
Data Warehouse / Business Intelligence	3-120	125	520	200		169	203	1,217	
TOTAL CORPORATE SUPPORT SERVICES		583	1,890	3,084	2,473	1,788	2,407	12,225	
<u>ASSESSMENT AND TAXATION</u>									
Assessment Automation	3-121	500	1,000		500			2,000	
<u>OTHER PROJECTS</u>									
Innovative Capital									
- Cash to Capital (Equity in Capital Assets Fund)		12	404	46	35		733	1,230	
- Prior Years' Surplus		1,299						1,299	
- General Purpose Reserve (Repayment)		(12)	(250)					(262)	
Total Innovative Capital	3-122	1,299	154	46	35		733	2,267	
Capital Investment Fund	3-123		6,138	6,138	6,138	6,138	6,138	30,690	
TOTAL OTHER PROJECTS		1,299	6,292	6,184	6,173	6,138	6,871	32,957	

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

		ADOPTED BY COUNCIL DECEMBER 16, 2008							
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	2014	
<u>WATER & WASTE</u>									
<u>Land Drainage and Flood Control - Tax Supported Portion</u>									
<u>Land Drainage and Flood Control - Regional</u>									
<u>Financed by Equity in Capital Assets:</u>									
Stormwater Retention Basin Rehabilitation	3-132	200	200	200	400	400	400	1,800	
Flood Pumping Station Rehabilitation	3-133	900	1,000	1,000	1,000	1,000	1,000	5,900	
Land Drainage and Combined Sewers Outfall Gate Structures	3-134	1,450	1,450	1,450	1,500	1,500	1,500	8,850	
Floodplain Management	3-135	200	500					700	
Seine River Waterway Acquisition	3-136		150	150	150	150	150	750	
Primary Dike Upgrading	3-137		300	1,500	1,390	1,500	948	5,638	
Land Drainage Safety Upgrading Program	3-138		200	100	200	200	200	900	
Land Drainage Asset Management Strategy	3-139			200				200	
Portable Flood Pumps	3-140	250						250	
Flood Equipment Storage Facility	3-141	500						500	
<u>Financed by Frontage Levy:</u>									
Combined Sewer Flood Relief	3-142	7,200	7,200	7,200	7,200	7,200	7,200	43,200	
Flood Relief Sewers - Separate	3-143	300	300	300	300	300	300	1,800	
<u>Financed by Developer Capacity Charges:</u>									
Development Agreement Paybacks	3-144	350	500			500		1,350	
Fernbank Ave Land Drainage Sewer	3-145			875				875	
Total Land Drainage and Flood Control - Regional		11,350	11,800	12,975	12,140	12,750	11,698	72,713	
<u>Land Drainage and Flood Control - Residential</u>									
Outfall Rehabilitation - Cash to Capital (Equity in Capital Assets Fund)	3-146	750	600	550	800	800	800	4,300	
Total Land Drainage and Flood Control - Residential		750	600	550	800	800	800	4,300	
TOTAL LAND DRAINAGE AND FLOOD CONTROL		12,100	12,400	13,525	12,940	13,550	12,498	77,013	

CAPITAL PROJECTS SUMMARY <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	ADOPTED BY COUNCIL DECEMBER 16, 2008					2009-2014 6 YEAR TOTAL
			BUDGET 2009	FORECAST				
				2010	2011	2012	2013	
WATER WORKS SYSTEM								
Financed by Waterworks Retained Earnings:								
Saskatchewan Avenue Feedermain	3-147					3,800	3,800	
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-148			1,800	2,900		4,700	
Shoal Lake Aqueduct Intake Structure Condition Assessment	3-149	800	1,000				1,800	
Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement	3-150	2,500					2,500	
Shoal Lake Intake Chloramination Facility	3-151			2,000			2,000	
General Water Infrastructure Rehabilitation	3-152		300	300	300	300	1,700	
Waverley West Feedermain	3-153	3,400			7,500		10,900	
Feedermain Condition Assessment and Rehabilitation	3-154						1,000	
Water Utility Asset Management Strategy	3-155		200				200	
Water Supply Valve Installation / Replacement Program	3-156	1,500	1,500	1,500	750	750	6,750	
Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility)	3-157		700				700	
Hurst Pumping Station Building - Structural Repairs	3-158		1,000				1,000	
Chlorination Decommission at Regional Pump Stations	3-159		100				100	
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-160	300	300				600	
Deacon Chemical Feed Facility Upgrading	3-161			1,000			1,000	
Regional Pumping Stations Structural Upgrades	3-162			500			500	
Safety Upgrades - Wilkes Reservoir "B" Pit	3-163			600			600	
Asbestos Containing Materials Operations & Maintenance Program	3-164		125	125	125		375	
Branch 1 Aqueduct at Seine River - Riverbank Stabilization	3-165	200	1,000				1,200	
Regional Pumping Stations Reliability Upgrades	3-166				1,600	750	3,100	
Waterworks System Security Upgrades	3-167	500	500	500	500	500	3,000	
Regulatory Assessments of Water System Infrastructure and Water Supply Sources	3-168	750					750	
Arc Flash Hazard Analysis and Remediation	3-169	525					525	
GIS Database Restructuring and Data Integrity Upgrades	3-170	70					70	
Environmental Services Laboratory Facility Upgrades - (NEWPCC)	3-171	150					150	
Customer Information and Services System Project (CISS) - Phase 2	3-172	512	1,025				1,537	
Cost of Service Rates Study	3-173	250	150				400	
Municipal Corporate Utility Business Plan	3-174	625					625	
Total Financed by Waterworks Retained Earnings		12,082	7,900	8,325	13,675	6,100	51,582	

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	ADOPTED BY COUNCIL DECEMBER 16, 2008					2009-2014 6 YEAR TOTAL	
			BUDGET 2009	FORECAST					
				2010	2011	2012	2013		2014
<u>WATER WORKS SYSTEM (continued)</u>									
<u>Financed by Other Sources:</u>									
Watermain Renewals									
- Watermain Renewal Reserve		7,000	7,000	7,000	7,000	7,000	7,000	42,000	
- Retained Earnings		3,000	3,000	3,000	3,000	3,000	3,000	18,000	
Total Watermain Renewals		3-175	10,000	10,000	10,000	10,000	10,000	60,000	
Shoal Lake Aqueduct Asset Preservation									
- Aqueduct Rehabilitation Reserve		300						300	
- Retained Earnings			600	600	1,000			2,200	
Total Shoal Lake Aqueduct Asset Preservation		3-176	300	600	600	1,000		2,500	
TOTAL WATERWORKS SYSTEM (Utility Supported)			22,382	18,500	18,925	24,675	16,100	13,500	114,082
<u>SEWAGE DISPOSAL SYSTEM</u>									
Sewage Disposal System - Regional									
<u>Financed by Sewage Disposal System Retained Earnings:</u>									
Lift Stations Upgrading		3-177	750	750	750	750	750	4,500	
Inflow / Infiltration / Cross-Connection Study and Mitigation		3-178					2,000	2,000	
Sewer System Isolation in Areas Protected by Secondary Dikes		3-179			500	1,000	1,000	2,500	
Raw Sewage Pump Replacement - NEWPCC		3-180		2,550				2,550	
Waverley West Interceptor Sewer		3-181	4,600					4,600	
Upgrading External Power Supply - NEWPCC		3-182			6,000			6,000	
Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres (Formerly Septage Acceptance Facility - WPCC)		3-183	2,150					2,150	
Re-Roofing at Water Pollution Control Centres		3-184		400		400		400	1,200
Centrifuge Replacement - NEWPCC		3-185			9,500			9,500	
River Crossings Monitoring and Rehabilitation		3-186	2,300	1,300	1,300	1,300	1,300	8,800	
Asbestos Containing Materials Operations & Maintenance Program		3-187		125	125	125		375	
Digester Area Upgrades - NEWPCC		3-188		900				900	
Water Pollution Control Centre Reliability Upgrades		3-189		5,000	5,000		5,000	5,000	20,000
Wastewater System Security Upgrades		3-190	500					500	
HVAC Replacement - WEWPCC		3-191	1,000			4,000	5,000	10,000	
Traffic Safety Upgrades - NEWPCC		3-192	200				1,800	2,000	
Holding Tanks Coating - NEWPCC		3-193	100				2,550	2,650	
Primary Clarifier Covers - NEWPCC		3-194					19,600	19,600	

CAPITAL PROJECTS SUMMARY <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	ADOPTED BY COUNCIL DECEMBER 16, 2008					2009-2014 6 YEAR TOTAL	
			BUDGET 2009	FORECAST					
				2010	2011	2012	2013		2014
SEWAGE DISPOSAL SYSTEM (continued)									
Wastewater Utility Asset Management Strategy		3-195	200	200				400	
GIS Database Restructuring and Data Integrity Upgrades		3-196	70					70	
Laboratory Facility Upgrades - (NEWPCC)		3-197	150					150	
Customer Information and Services System project (CISS) - Phase 2		3-198	512	1,025				1,537	
Cost of Service Rates Study		3-199	250	150				400	
New Discharge Chamber - (NEWPCC)		3-200	500			15,000		15,500	
New Surgewell - (NEWPCC)		3-201	1,000	4,000	9,000			14,000	
Grit Handling Upgrades - (NEWPCC)		3-202			11,700			11,700	
Municipal Corporate Utility Business Plan and Strategic Partner Development		3-203	3,625					3,625	
Total Financed by Sewage Disposal Retained Earnings			17,907	16,400	37,875	24,575	36,000	14,450	147,207
Financed by Other Sources:									
Environmental Impact Statement and Public Hearings - Environmental Reserve		3-204	100	100	200	200	100	100	800
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve		3-205	7,000	8,000	9,000	9,000	10,000	10,000	53,000
Biosolids - Alternative Disposal Delivery & Management System - Environmental Reserve			4,350		14,955	12,191	11,325	11,314	54,135
- External Debt								6,865	6,865
Total Biosolids - Alternative Disposal Delivery & Management System		3-206	4,350		14,955	12,191	11,325	18,179	61,000
Effluent Disinfection and Nutrient Removal - WEWPCC - External Debt		3-207	4,190						4,190
Nutrient Removal / Expansion - SEWPCC									
- Canada Strategic Infrastructure Fund (CSIF) - Federal			6,000	8,035					14,035
- Canada Strategic Infrastructure Fund (CSIF) - Provincial			14,608	10,392					25,000
- External Debt			46,525	48,865					95,390
- Prior Years' Authorized External Debt			5,867						5,867
- Transfer to General Capital Fund				(3,292)					(3,292)
Total Nutrient Removal - SEWPCC		3-208	73,000	64,000					137,000

		ADOPTED BY COUNCIL DECEMBER 16, 2008						
<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	
<u>SEWAGE DISPOSAL SYSTEM (continued)</u>								
Nutrient Removal - NEWPCC - External Debt		3-210		21,000	150,000	150,000	65,000	386,000
Total Sewage Disposal System - Regional			106,547	109,500	212,030	195,966	122,425	789,197
Sewer Renewal								
- Sewer System Rehabilitation Reserve			12,600	12,600	12,600	12,600	12,600	75,600
- Retained Earnings			3,000					3,000
Total Sewer Renewal		3-211	15,600	12,600	12,600	12,600	12,600	78,600
TOTAL SEWAGE DISPOSAL SYSTEM			122,147	122,100	224,630	208,566	135,025	867,797
<u>SOLID WASTE DISPOSAL SYSTEM</u>								
<u>Financed by Solid Waste Disposal Retained Earnings:</u>								
Summit Landfill Closure / Post-Closure		3-212	200	400	400			1,400
Miscellaneous Land Acquisition		3-213	350				200	550
Organics Diversion Program Expansion		3-214	200					200
Environmental Act Licence for Brady Landfill		3-215		400				400
Brady Landfill Staff Building		3-216	1,250					1,250
Landfill Cell Excavation								
- Retained Earnings				48				48
- External Debt				2,827			4,500	7,327
Landfill Cell Excavation		3-217		2,875			4,500	7,375
Brady Landfill Gas Capture Project								
- Provincial Government Funding				4,450				4,450
- External Debt				4,450				4,450
Total Brady Landfill Gas Capture Project		3-218		8,900				8,900
TOTAL SOLID WASTE DISPOSAL SYSTEM			2,000	12,575	400	400	4,700	20,075

2009 ADOPTED CAPITAL BUDGET

2-18

2010 TO 2014 FIVE YEAR FORECAST



The City of Winnipeg

Capital Projects Detail

2009

Adopted Capital Budget

and

2010 to 2014

Five Year Forecast

Table of Contents

Capital Projects Listing by Department

Public Works.....	3-1
Local Improvements.....	3-38
Community Services.....	3-39
Winnipeg Police Service.....	3-54
Fire Paramedic Service.....	3-68
Planning, Property and Development.....	3-69
Civic Accommodations.....	3-83
Building Services.....	3-100
City Clerks.....	3-110
Corporate Support Services.....	3-116
Assessment and Taxation.....	3-121
Other Projects.....	3-122
Transit.....	3-124
Water and Waste.....	3-132

Note:

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **New Regional Sidewalks**

Department: Public Works
 Project: 183200XX09

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Active Transportation Corridors**

Department: Public Works
Project: 183200XX09

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	600	1,000	500	500	500	500	500	2,500	3,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000	500	500	500	500	500	2,500	3,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	850	575	500	500	500	500	75	3,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	850	575	500	500	500	500	75	3,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	51	35	30
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	51	138	193
SURPLUS/(DEFICIT)	(0)	(103)	(163)

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 183200XX09

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	1,250	1,000	1,000	1,000	1,000	1,000	5,000	6,250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250			1,000	1,000	1,000	3,000	3,250
Provincial Funding for Road Improvements	3,500	1,000	1,000	1,000				2,000	3,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,213	1,038	1,000	850	1,000	1,000	150	6,250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	213	38		850	1,000	1,000	150	3,250
Provincial Funding for Road Improvements	1,000	1,000	1,000					3,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	73	62	60
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		20	4
SURPLUS/(DEFICIT)	73	42	56

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.

\$250,000 in 2009 for feasibility study of the Red River crossing options from South St. Vital area to the University of Manitoba.

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Traffic Signals Enhancement**

Department: Public Works
 Project: 183200XX09

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180700xx09

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 1803000601

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

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

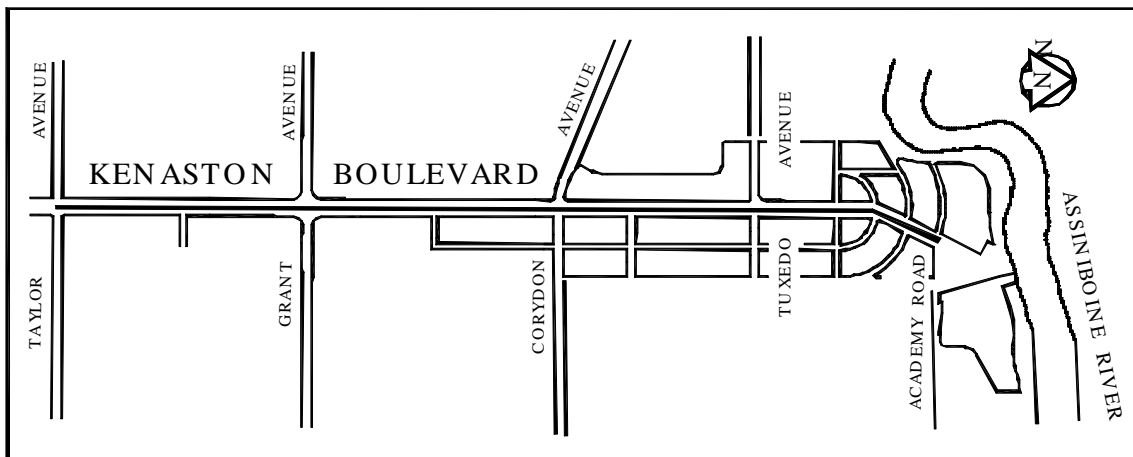
CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	85	100	100	100	15	400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			85	100	100	100	15	400

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 183100xx09

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

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

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

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

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

This is an annual program that 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.

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 1804000508

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

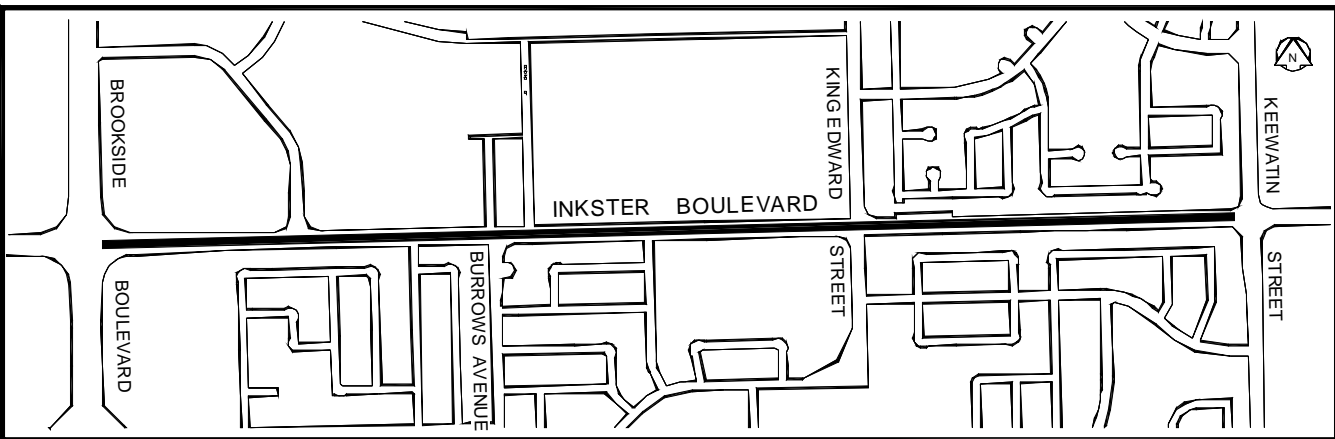
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,100	15,232	15,770	-	-	-	-	15,770	31,002
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		5,626	15,770					15,770	21,396
Developer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

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Regional and Local Streets**

Department: Public Works
Project: 180400xx09

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	43,169	28,595	42,909	30,213	43,968	44,212	189,897	233,066
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		10,149	1,890	20,266	7,570	21,325	21,569	72,620	82,769
Federal Gas Tax		26,020	19,705	15,643	15,643	15,643	15,643	82,277	108,297
Provincial Building Manitoba Fund - Roads		7,000	7,000	7,000	7,000	7,000	7,000	35,000	42,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	41,647	29,834	40,153	32,117	41,905	44,176	3,234	233,066
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	8,627	3,129	17,510	9,474	19,262	21,533	3,234	82,769
Federal Gas Tax	26,020	19,705	15,643	15,643	15,643	15,643		108,297
Provincial Building Manitoba Fund - Roads	7,000	7,000	7,000	7,000	7,000	7,000		42,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	2,499	1,790	2,409
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		821	1,119
SURPLUS/(DEFICIT)	2,499	969	1,290

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.

PUBLIC WORKS - GENERAL CAPITAL FUND

Regional and Local Streets (cont'd):

Future projects in Regional and Local Street Renewals

Program include the following (all figures in 000's):	Authorization						Six-Year Total
	2009	2010	2011	2012	2013	2014	
Sidewalk and Curb Renewals - Regional Streets	750	500	500	500	500	500	3,250
Paving of Granular Shoulders - Regional Streets	250	250	250	250	250	250	1,500
Regional Major Rehabilitation Works:							
Corydon Avenue - Cambridge Street to Kenaston Boulevard	500	500	500	500	500	500	3,000
Dugald Road-E.B. East Bridge Deck Limit to approx. 850 m East of Beghin Ave.	3,900						3,900
McPhillips St-Jarvis to Selkirk (widening & rehab)	2,200						2,200
Notre Dame Avenue-Isabel St. to Princess St.	2,440						2,440
Bishop Grandin Boulevard E.B.-Lakewood Boulevard to Lagimodiere Boulevard (If additional funds available)	4,320						4,320
Mountain Ave - Airles Street to Dalton Street							
Regional Mill and Fill Rehabilitation Works:							
EB Portage Ave-David to Cavalier	375						375
NB Pembina Hwy-Markham to Chancellor	510						510
NB Pembina Hwy-Bison to Markham	574						574
NB Lagimodiere-300m S. of Bishop Grandin to Fermor	1150						1,150
NB Henderson-Johnson to Munroe	450						450
WB Roblin Blvd - W Park Entrance to Alcrest (If additional funds available)	450						450
NB Henderson-McLeod to Springfield							
SB Main-Seaforth to Jefferson							
WB Portage Ave-Aldine to Sturgeon							
SB Pembina Hwy-Jubilee to McGillivray							
EB Roblin Blvd - Alcrest to W Park Entrance							
Regional Street Renewals - Annual Program - Various locations to be identified.		6,195	20,509	9,813	23,568	23,812	83,897
Granular Roadway Improvements	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Lane Renewals - Various Locations	3,250	2,750	2,750	2,750	2,750	2,750	17,000
Sidewalk Renewals on Local Streets - Various Locations	650	400	400	400	400	400	2,650
Local Street Renewals - Various Locations	15,000	12,000	12,000	10,000	10,000	10,000	69,000
Residential Thin Bituminous Overlay (TBO)	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Lakewood Blvd and Beaverhill Blvd Roundabout	400						400
Total Regional and Local Streets Program	43,169	28,595	42,909	30,213	43,968	44,212	233,066

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180500xx10

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

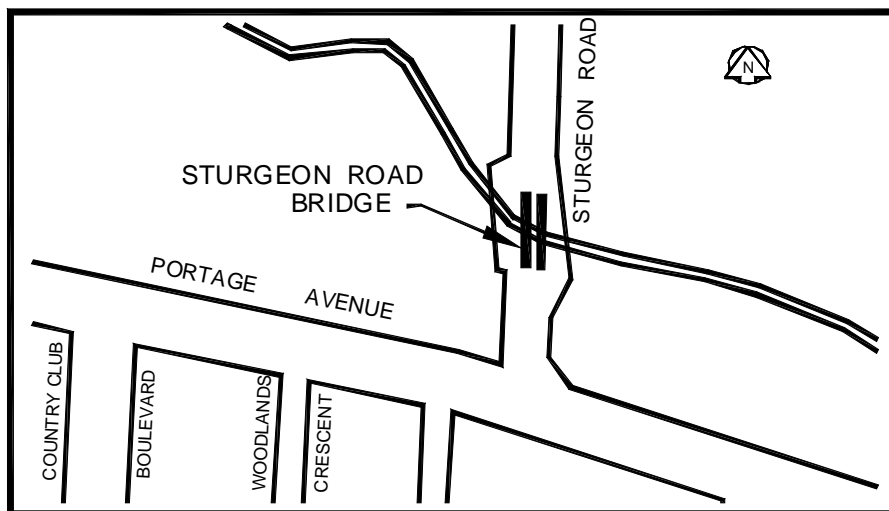
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	1,000	1,033	10,977	-	-	13,010	13,010
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,000	1,033	10,977			13,010	13,010

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 180500xx09

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

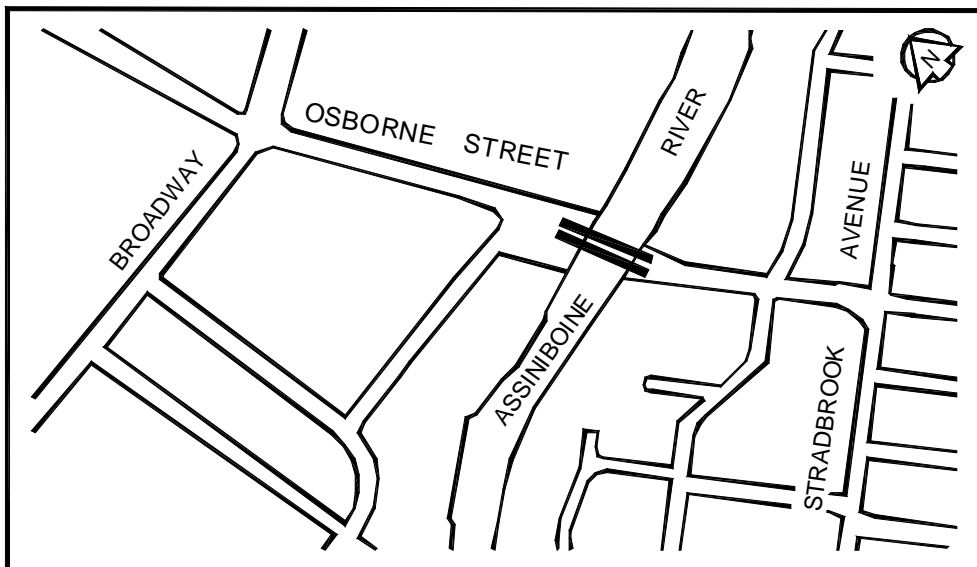
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	1,000	355	6,776	6,294	-	-	13,425	14,425
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000	355	6,776	6,294			13,425	14,425

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180500xx09

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

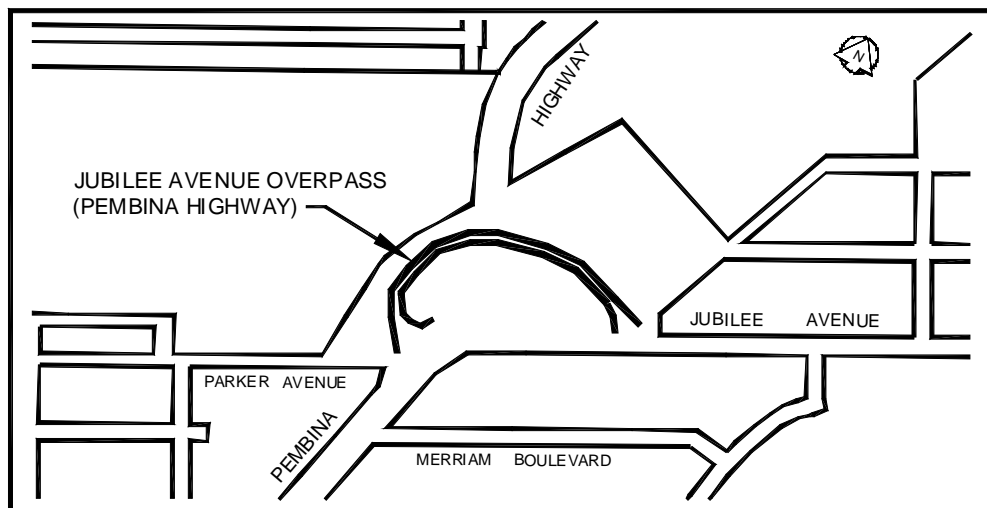
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	896	7,638	-	-	-	-	7,638	8,534
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		896	7,638					7,638	8,534

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 180500xx10

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

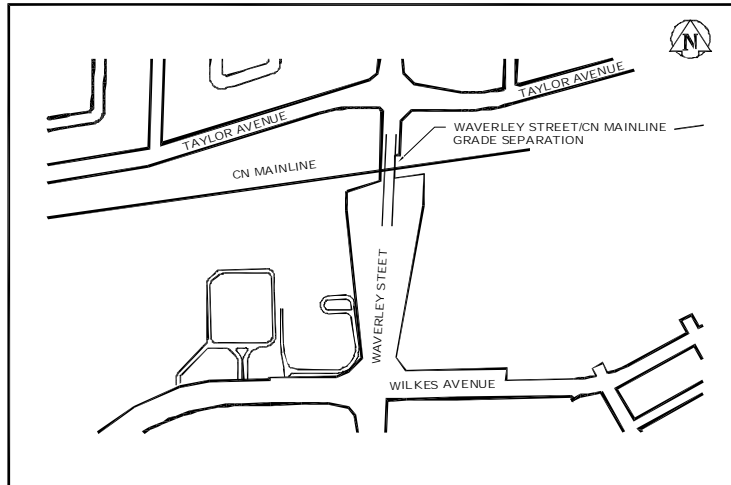
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	1,119	-	-	-	-	1,119	1,119
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,119					1,119	1,119

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180500xx13

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

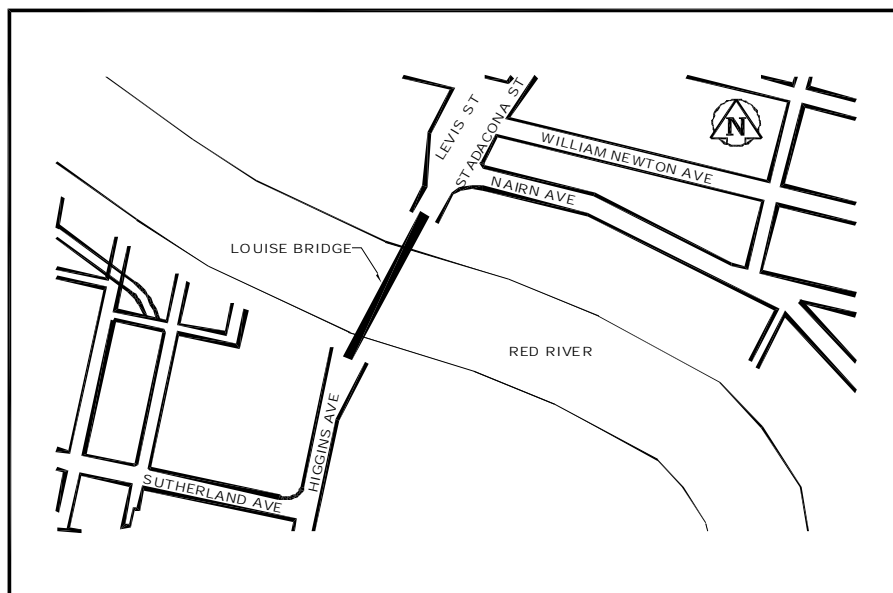
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	-	2,581	2,000	4,581	4,581
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						2,581	2,000	4,581	4,581

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Pembina Highway Underpass**

Department: Public Works
 Project: 180500xx11

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

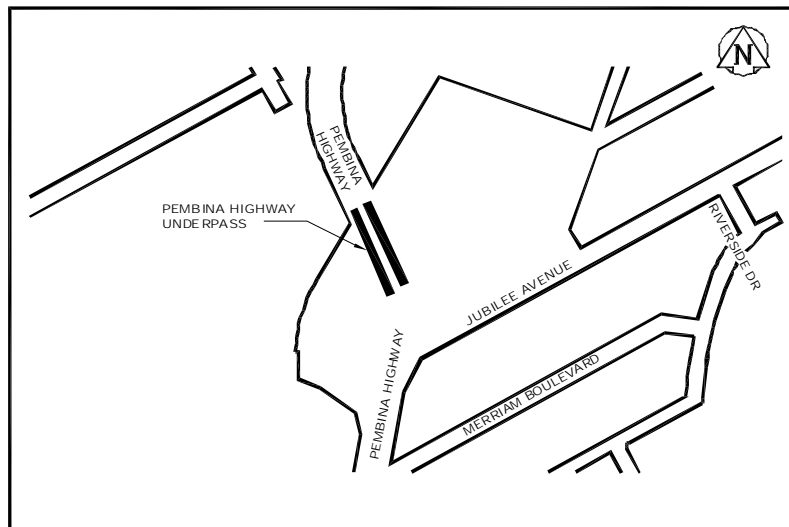
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	1,300	-	7,000	6,000	14,300	14,300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				1,300		7,000	6,000	14,300	14,300

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180500xx13

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

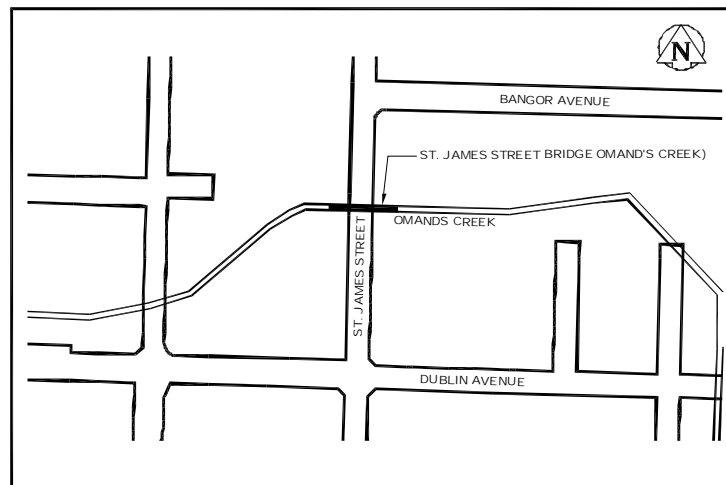
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	-	2,161	-	2,161	2,161
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						2,161		2,161	2,161

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 180500xx12

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

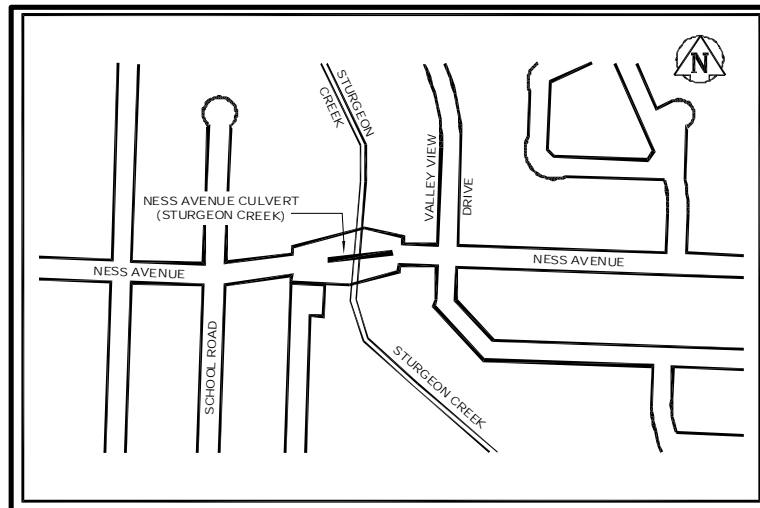
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	1,000	2,000	8,000	11,000	11,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,000	2,000	8,000	11,000	11,000

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1805000109

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 1805000203

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

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

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

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

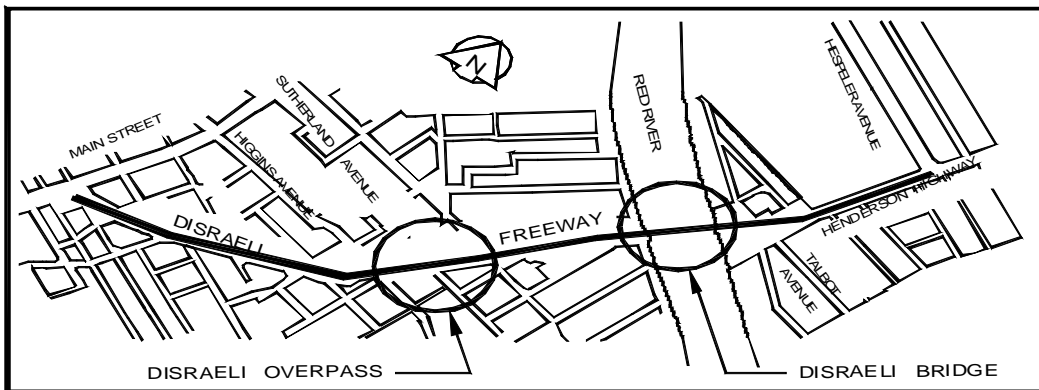
Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1805000207

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

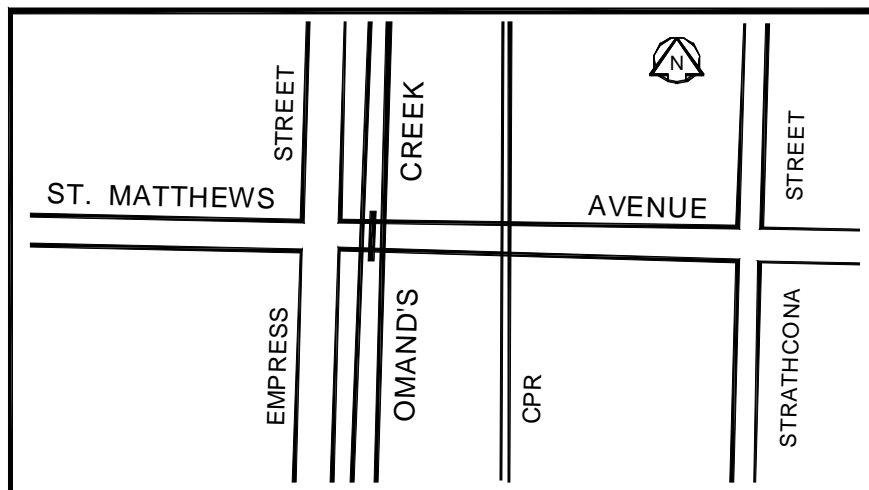
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	200	1,792	-	-	-	-	-	-	1,792
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		192						-	192
Federal Gas Tax		1,600						-	1,600

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 1805000407

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

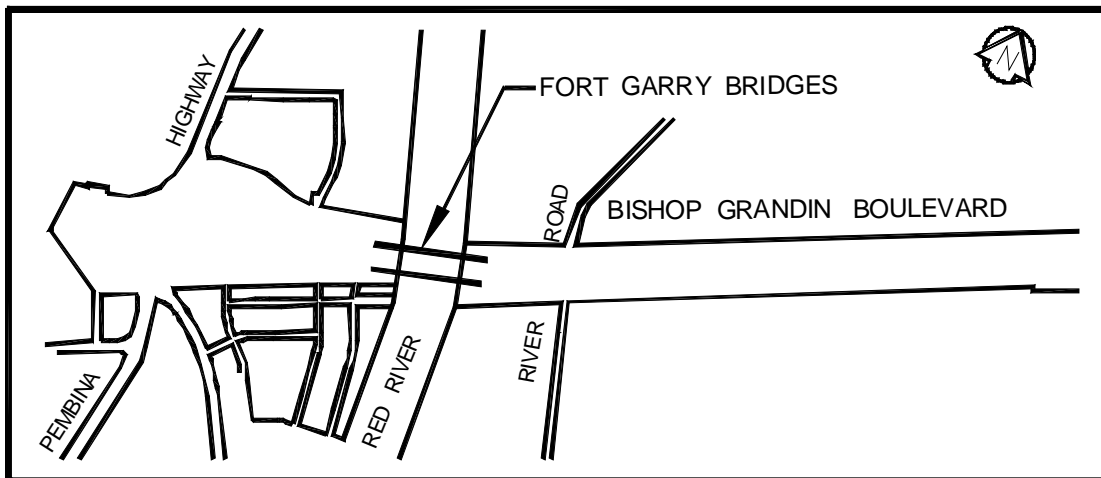
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	11,238	7,840	-	-	-	-	-	-	7,840
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)	1,238	1,140						-	1,140
Federal Gas Tax		6,700	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

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Charleswood Bridge**

Department: Public Works
 Project: 180500XX09

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

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

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

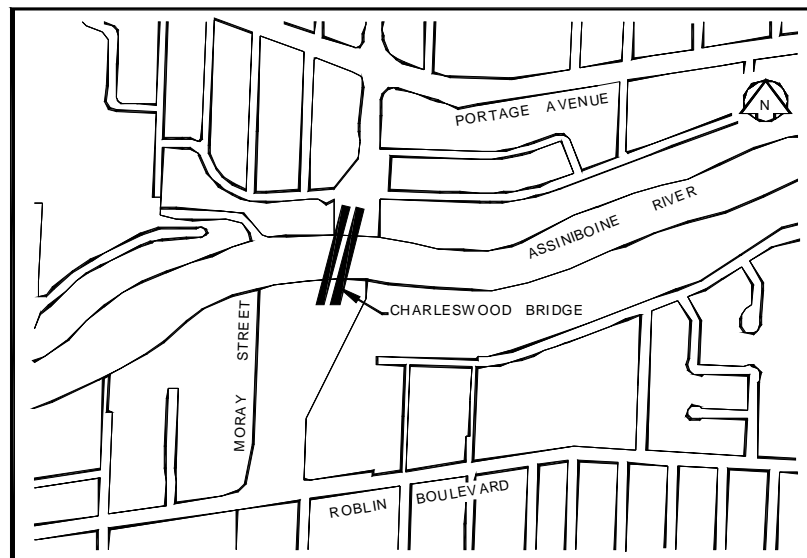
NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	89	89	89
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	89	89	89

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

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

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

Note: Cash flow beyond 2014 equals payments to 2024.



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1801000107

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

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

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

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

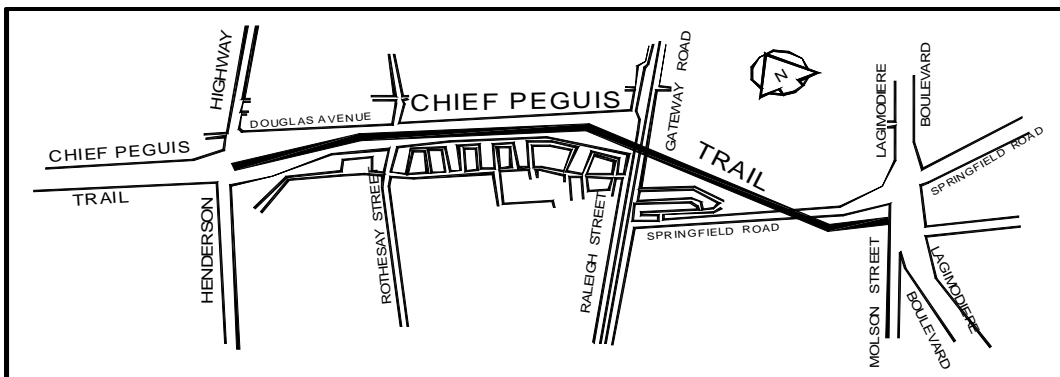
Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

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

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

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

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



PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 180400XX14

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1812000109

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

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 1813000109

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1815000107

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 183200xx09

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	1,711	-	-	-	-	-	-	1,711
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,711						-	1,711

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,711	-	-	-	-	-	-	1,711
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,711							1,711

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	103		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		163	163
SURPLUS/(DEFICIT)	103	(163)	(163)

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
Project: 1814000109

Capital Priority Rating: 2 - 3
Service: Neighbourhood Revitalization

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Winnipeg Transportation Strategy**

Department: Public Works
Project: 183200xx09

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Reforestation - Improvements**

Department: Public Works
Project: 185000109

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Athletic Fields - Improvements**

Department: Public Works
Project: 185200xx09

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Parks - Improvements**

Department: Public Works
Project: 185300xx09

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

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Playground Structures**

Department: Public Works
 Project: 1855000109

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

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

Department: Public Works
 Project: 185600xx09

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

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

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

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

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

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

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

PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Community Park Amenities**

Department: Public Works
Project: 1855000209

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

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

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

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

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

Improvement of park amenities at various locations.

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

ASSESSMENT AND TAXATION - GENERAL CAPITAL FUND

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

Department: Assessment and Taxation

Capital Priority Rating: 2 - 3

Project: 140000xyy

Service: Roadway Construction and Maintenance

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Community Incentive Grant Program**

Department: Community Services
Project: 62510001yy

Capital Priority Rating: 1 - 2
Service: Neighbourhood Revitalization

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

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Library Replacement - Various**

Department: Community Services
Project: 62130001yy

Capital Priority Rating: 1 - 2
Service: Libraries

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 62110005yy

Capital Priority Rating: 1 - 2
Service: Libraries

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 6260001yy

Capital Priority Rating: 1 - 2
Service: Neighbourhood Revitalization

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

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

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

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

The 2010 project (Phase 2) seeks to build upon community and neighbourhood information resources established by the Phase 1 Community Resource Area (CRA) of the Integrated Property-Based Systems Capital Program. Phase 1 which is currently underway is creating and implementing a Community Resource database that integrates community-related information from City departments such as Assessment and Taxation, Community Services, Fire Paramedic Services, Police Services, Planning, Property and Development and Public Works. External linkages to data from the Province of Manitoba, the Government of Canada and other agencies are also included in this project. The database will be comprised of community-related information linked to the City's property databases.

Phase 2 of the Neighbourhood Profiles data project will build infrastructure and partnerships to support inter-agency information sharing - increasing both the amount and quality of neighbourhood based information available to civic decision makers, community agencies, neighbourhood groups and individual citizens. Municipal governments throughout North America have begun to lead these types of enhanced information sharing/partnership initiatives.

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

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

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

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

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

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

This project upgrades 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.

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 622xxxxxy

Capital Priority Rating: 3 - 4
Service: Insect Control

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 621xxxxxy

Capital Priority Rating: 1 - 2
Service: Libraries

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Imaging and Document Management**

Department: Community Services
 Project: 626xxxxxyy

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

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
 Project: 621xxxxxy

Capital Priority Rating: 1 - 2
 Service: Libraries

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 62500001yy

Capital Priority Rating: 1 - 2
Service: Recreation

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

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 621xxxxxy

Capital Priority Rating: 1 - 2
Service: Libraries

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 62510001yy

Capital Priority Rating: 1 - 2
Service: Recreation

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Business Application Systems**

Department: Community Services
 Project: 626xxxxxyy

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Technology Upgrade and Replacement**

Department: Community Services
 Project: 62xxxxxyy

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

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

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

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

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

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

COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Department: Community Services
Project: 6230001yy

Capital Priority Rating: 1 - 2
Service: Arts, Entertainment and Culture

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

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

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Police Headquarters Renovations**

Department: Winnipeg Police Service
Project: 2200000110

Capital Priority Rating: 3 - 3
Service: Police Response

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Department: Winnipeg Police Service
 Project: 2200000308

Capital Priority Rating: 3 - 4
 Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Wireless Emergency 911 Upgrade**

Department: Winnipeg Police Service
Project: 2200000608

Capital Priority Rating: 3 - 4
Service: Police Response

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Department: Winnipeg Police Service
Project: 2200000711

Capital Priority Rating: 3 - 3
Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Police Priority Dispatch System**

Department: Winnipeg Police Service
Project: 2200000810

Capital Priority Rating: 3 - 3
Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Outdoor Shooting Range**

Department: Winnipeg Police Service
 Project: 2200000508

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Central Processing Unit**

Department: Winnipeg Police Service
 Project: 633100xx10

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Department: Winnipeg Police Service
 Project: 2200000408

Capital Priority Rating: 3 - 2
 Service: Police Response

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Winnipeg Police Service Communications**

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

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

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

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

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

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

1. A change from the current Winnipeg Police Service (WPS) wireless data network to a Mesh Network Solution;
2. Replacement of the existing phone system;
3. Miscellaneous upgrades related to the 911 alternate site. Legislation requires the WPS to provide an alternate communication backup site to ensure continued service should equipment fail during an emergency. Specifically, legislation requires that every Public Safety Answering Point (PSAP) service must have a facility that (a) has a risk assessment carried out in accordance with guidelines approved by the Minister; and (b) can, within one hour, be operational as a PSAP facility to the extent of 80% of the capacity of the PSAP service's primary PSAP facility.

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Department: Winnipeg Police Service
 Project: 22XXXXXXXXY

Capital Priority Rating: 3 - 3
 Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

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

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Mobile Laptops**

Department: Winnipeg Police Service
 Project: 22XXXXXXXXY

Capital Priority Rating: 3 - 3
 Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Evidence Control Building**

Department: Winnipeg Police Service
Project: 22XXXXXXXXXX

Capital Priority Rating: 3 - 3
Service: Police Response

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

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

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

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

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

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Police Building Replacement**

Department: Winnipeg Police Service
Project: 633100xx10

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

AUTHORIZATION	Previous Budgets*	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	58,525	3,734	-	-	-	-	-	-	3,734
Financed by:									
Public Private Partnership		3,734						-	3,734
Cash to Capital (Equity in Capital Assets)		891	891	2,258	3,816	3,915	3,915	14,795	15,686
Public Private Partnership Lease Payments		(891)	(891)	(2,258)	(3,816)	(3,915)	(3,915)	(14,795)	(15,686)
CASH FLOW		2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)		891	891	2,258	3,816	3,915	3,915	127,421	143,107
Financed by:									
Cash to Capital (Equity in Capital Assets)		891	891	2,258	3,816	3,915	3,915	127,421	143,107

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

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

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

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

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

* Note that "Previous Budgets" amount includes \$49.8 million in funding identified as Public Private Partnership authorizations and \$8.725 million in funding from Cash to Capital.

FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

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

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

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Computer Automation**

Department: Planning, Property and Development
 Project: 6361000409

Capital Priority Rating: 3 - 3

Service: Planning Property and Development - Other

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Riverbank Greenway Programs**

Department: Planning, Property and
Development
Project: 6351300109

Capital Priority Rating: 1 - 2

Service: Parks and Urban Forestry

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

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Cemeteries - Improvements**

Department: Planning, Property and
Development
Project: 6322100109

Capital Priority Rating: 1 - 3

Service: Cemeteries

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Downtown Enhancement Program**

Department: Planning, Property and Development
 Project: 6351800109

Capital Priority Rating: 2 - 3

Service: City Beautification

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

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3

Project: 6351241509
Service: City Beautification

AUTHORIZATION	Previous Budgets	2009 Estimate	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
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	2,000	2,000
Prior Year's Authorization		400						-	400

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

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

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

The work focuses on the 13 (of the 15) Business Improvement Zones, the designated 6 image routes and 14 neighbourhood main streets. The funds will be utilized to initiate, partner and implement streetscape and open space initiatives and enhance accessibility, safety, comfort and urban design quality of pedestrian environments and promote the City of Winnipeg's image and safety. These enhancements are over and above and exclusive of work assumed by the Public Works Department that includes curb, street and sidewalk repairs, and required maintenance of existing infrastructure including shrub, tree and turf replacement.

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

This enhancement program will continue in consultation and collaboration with the Winnipeg BIZ Association and in partnership with the private sector to achieve the goal statements of; 1) to support Neighbourhoods Main Streets (BIZ's) - provide anchors for neighbourhoods and character districts, 2) To provide a vibrant environment for both businesses and residents to enhance the image and vitality of our neighbourhoods and our city, 3) to ensure the renewal and to sustain the infrastructure of Business Improvement Zones and of Image Routes to enhance the image and vitality of our community, of our business, residential and adjacent communities.

This enhancement program takes the form of decorative medians, pedestrian lighting, banner poles, special entry nodes, special pavement treatments, character signage, plant trees and site furnishings including benches, waste receptacles, tree grates, tree guards, information kiosks, and bicycle racks to support the Neighbourhood Main Streets, etc.

The City of Winnipeg through the enhancement program will work with the proponents by having a conceptual planning and design development of the area done in phase 1. Phase 2 & 3 are the tender and construction phases. The program will try to have up to three larger projects moving forward at any given time.

Year 3 (2010) - West End BIZ - International Village (major) / Mosaic Market BIZ (major)/ Transcona BIZ (major) / St James Village BIZ (Concept plan) / St Norbert -Gateway

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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

Department: Planning, Property and Development
 Project: 6361000109

Capital Priority Rating: 3 - 3+1

Service: Planning Property and Development - Other

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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

Department: Planning, Property and
Development
Project: 6351700109

Capital Priority Rating: 1 - 2

Service: Transportation Planning and Traffic Management

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

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Public Art Strategy**

Department: Planning, Property and
Development
Project: 6351400709

Capital Priority Rating: 1 - 1

Service: City Beautification

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

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

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

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

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

Projects implemented or underway include:

- The Millennium Library;
- Vimy Ridge Park;
- Living Prairie Museum;
- WITH ART projects: Spence Neighbourhood, Manitoba Urban Native Housing Association, Manitoba Maternity Care Action Network, Elwick Community, Dorchester House, The Edge Artist Village, The Eritrean Community, Immigrant and Refugee Community Organization of Manitoba;
- Public educational programs: Public Art: Hi and Lo, In the Beginning ..., A public art workshop for artist, lectures by Barbara Cole and Jane Perdue, and artists talks by Cliff Eyland, Nicholas Wade and John McDwen;
- City of Winnipeg Archives;
- Downtown BIZ bike racks;
- Exchange BIZ kiosks;
- University of Winnipeg;
- Maison des artistes;
- Bishop Grandin Greenway, and;
- Assiniboine Park.

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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

Department: Planning, Property and

Capital Priority Rating: 3 - 2+2

Development

Project: 6321100109

Service: Property Asset Management

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Developer Payback**

Department: Planning, Property and
Development
635xxxx09

Capital Priority Rating: 1 - 1

Service: Parks and Urban Forestry

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

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

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

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

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

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

Calculations based on industry consultation.

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Central Park Redevelopment**

Department: Planning, Property and Development
 Project: 635xxxx09

Capital Priority Rating: 1 - 1

Service: Parks and Urban Forestry

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

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

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

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

On July 16th, 2008 Council approved that \$1,000,000.00 be included in the 2009 Capital Budget to be used for the Grant portion of the City of Winnipeg Central Park Redevelopment.

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Riverbank Stabilization Grant Program**

Department: Planning, Property and
Development
Project: 635xxxxxxx

Capital Priority Rating: 1 - 1

Service: Parks and Urban Forestry

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

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

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

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

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

The Chief Administrative Officer was delegated authority to:

- Establish and amend individual Project Agreements with affected property owners,
- Determine, allocate and distribute to each successful program applicant the grant money associated with this Program as per the Program's Criteria and Procedures; and
- Establish and amend technical criteria associated with Project evaluation and Program requirements.

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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

Department: Planning, Property and Development
6351300209

Capital Priority Rating: 3 - 4

Project: 6351300209 Service: Parks and Urban Forestry

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

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

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

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

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

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

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

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Building Communities Initiative II**

Department: Planning, Property and Development
6351200009

Capital Priority Rating: 2 - 4

Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	* 7,500	-	2,650	200	200	1,000	1,000	5,050	5,050
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,325	100	100	500	500	2,525	2,525
Manitoba Winnipeg Infrastructure Program (MWIP)			1,325	100	100	500	500	2,525	2,525

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

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

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

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

*Amount includes the adjustment to reflect previous funding for BCI I and has been reduced \$400,000 as a result of December 16, 2008 Council Recommendation.

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 63310000210

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 6331000611

Capital Priority Rating: 3 - 2+2
Service: Property Asset Management

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

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

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

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

The project objective is 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.

CIVIC ACCOMMODATIONS

Project Name: **Removal of Asbestos**

Department: Civic Accommodations
Project: 6331000309

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

Project Name: **Roof Replacement**

Department: Civic Accommodations
Project: 6331001709

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 6331000409

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

Project Name: **Police Headquarters**

Department: Civic Accommodations
Project: 6331000909

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

Project Name: **Energy Conservation**

Department: Civic Accommodations
 Project: 6331000610

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

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

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

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

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

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

Optimizes Operational Savings.

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 6331000112

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

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

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

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

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

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

Major structural repairs will be required.

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
 Project: 6331002312

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

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

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

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

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

Funds set aside for replacement of depreciated tenant improvements.

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

CIVIC ACCOMMODATIONS

Project Name: **Historic Building Stabilization**

Department: Civic Accommodations
Project: 6331000709

Capital Priority Rating: 3 - 2
Service: Heritage Conservation

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

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

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

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

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

Major structural repairs will be required.

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 6331000810

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	950	-	900	-	200	500	500	2,100	2,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			900		200	500	500	2,100	2,100
CASH FLOW		2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)		-	900	-	200	500	500	-	2,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			900		200	500	500		2,100
NET OPERATING IMPACT		2009	2010	2011					
Revenue increase/(decrease)			26						
Less:									
Operating expenditures increase/(decrease)									
Debt and finance charges increase				86					
SURPLUS/(DEFICIT)		-	26	(86)					

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

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 6331001209

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

Project Name: **Elevator and Escalator Repair**

Department: Civic Accommodations
Project: 633100xx10

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 633100xx13

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

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

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

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

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

Funds set aside for replacement of depreciated tenant improvements.

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

CIVIC ACCOMMODATIONS

Project Name: **Surface Parking Lot Repairs**

Department: Civic Accommodations
Project: 6331002310

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

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

Department: Civic Accommodations
Project: 63xxxxxx13

Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

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

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

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

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

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

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

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

CIVIC ACCOMMODATIONS

Project Name: **Electrical Distribution System Upgrades**

Department: Civic Accommodations
 Project: 63xxxxx13

Capital Priority Rating: 3 - 4+2
 Service: Property Asset Management

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

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

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

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

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

BUILDING SERVICES

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

Department: Building Services
 Project: 6390000109

Capital Priority Rating: 1 - 4
 Service: Recreation

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

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

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

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

This project is for the refurbishment and improvement of Community Centres (CC).

Projects for 2009 include the following:

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

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

BUILDING SERVICES

Project Name: **Arenas**

Department: Building Services
Project: 6391000109

Capital Priority Rating: 1 - 4
Service: Recreation

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

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

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

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

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

Projects for 2009 include the following:

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

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

BUILDING SERVICES

Project Name: **Indoor Aquatic Facilities**

Department: Building Services
 Project: 6392000109

Capital Priority Rating: 1 - 4
 Service: Recreation

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

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

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

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

This project is for refurbishment and replacement of deteriorated building components/systems to selected aquatic facilities due to safety issues and aging building systems.

Projects for 2009 include the following:

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

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

BUILDING SERVICES

Project Name: **Outdoor Aquatic Facilities**

Department: Building Services
 Project: 6393000109

Capital Priority Rating: 1 - 4
 Service: Recreation

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	250	350	350	350	350	330	1,730	1,980
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	350	350	350	350	330	1,730	1,980

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	250	350	350	350	350	330	-	1,980
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	350	350	350	350	330		1,980

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	7	10	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		24	57
SURPLUS/(DEFICIT)	7	(14)	(47)

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

This project is for refurbishing/improvements to various outdoor facilities including wading pool basins, slide components, outdoor swimming pool tanks, mechanical system and pool decks required due to aging building infrastructure.

Projects for 2009 include the following:

Building Upgrade to Kildonan Park Pool Change Building/systems.	150
Wading Pool Slide Replacement - Dakota.	100
	250

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

BUILDING SERVICES

Project Name: **Community Facilities**

Department: Building Services
Project: 6394000109

Capital Priority Rating: 1 - 4
Service: Recreation

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

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	38
SURPLUS/(DEFICIT)	6	(13)	(32)

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

This project is for refurbishment and/or replacement of building components and systems to meet safety and health concerns and correct deteriorating infrastructure at shops, leisure centres, etc. Funding for 2009 is to refurbish the HVAC system at the St. James Civic Centre (Leisure Centre).

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

BUILDING SERVICES

Project Name: **Fire / Life Safety Replacement / Asbestos Abatement**

Department: Building Services
Project: 6396000109

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	225	225	225	225	225	225	1,125	1,350
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		225	225	225	225	225	225	1,125	1,350

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	225	225	225	225	225	225	-	1,350
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	225	225	225	225	225	225		1,350

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		21	43
SURPLUS/(DEFICIT)	6	(15)	(37)

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

This project is for upgrading/replacement of fire safety systems, emergency lighting, asbestos and other hazardous material abatement as identified through the Asset Management program for various recreation facilities including pools, arenas, community centres, and leisure centres to meet the requirements of Fire/Building Codes and possible changing Government Regulations.

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

BUILDING SERVICES

Project Name: **Security / Building Automation Systems Initiatives**

Department: Building Services
Project: 6397000109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	125	125	125	125	125	225	725	850
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		125	125	125	125	125	225	725	850

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	125	125	125	125	125	225	-	850
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	125	125	125	125	125	225		850

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	24
SURPLUS/(DEFICIT)	3	(9)	(21)

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

This project is for 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.

BUILDING SERVICES

Project Name: **Building Asset / Work Management Program**

Department: Building Services
Project: 6390001009

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	350	200	100	100	100	100	200	600	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	100	100	100	100	200	600	800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	100	100	100	100	200	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200	100	100	100	100	200		800

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	6	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	29
SURPLUS/(DEFICIT)	6	(16)	(26)

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

The City Auditor presented the Public Works Asset Management Audit - Part 2 Facilities Maintenance in June, 2006. The Audit made a number of recommendations relative to the development of an asset management program and linking to other division programs. This funding provides for the ongoing program.

BUILDING SERVICES

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

Department: Building Services
Project: 6390002009

Capital Priority Rating: 3 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	100	100	100	100	100	300	700	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	100	300	700	800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	100	100	100	100	100	300	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	100	100	100	100	300		800

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		10	19
SURPLUS/(DEFICIT)	3	(7)	(16)

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

The replacement of hockey pen light standards at various locations has been determined to be the City's responsibility under the Uniform Funding Formula (UFF) with the Community Centres. As such, this new program is intended to replace hockey pen light standards and bases in consideration of workplace safety and health issues, utilization of such hockey pens, number of pens at the specific site, and the Recreation and Leisure Facilities (RALF) policy context amongst other things. A needs assessment for both usage and condition will be completed in 2009.

BUILDING SERVICES

Project Name: **Recreation and Leisure Facilities**

Department: Building Services
Project: 6399000109

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	41,635	2,125	100	-	-	-	-	100	2,225
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			860	8,000	1,000			9,860	9,860
General Purpose Reserve				(8,000)	(1,000)			(9,000)	(9,000)
Transfer from Sewage Disposal Utility Capital Program			3,292					3,292	3,292
Canada Strategic Infrastructure Fund - Province		3,638	3,112					3,112	6,750
Interim Financing (Repayment)		(1,513)	(7,164)					(7,164)	(8,677)

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	2,125	100	-	-	-	-	-	2,225
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		860	8,000	1,000				9,860
General Purpose Reserve			(8,000)	(1,000)				(9,000)
Transfer from Sewage Disposal Utility Capital Program			3,292					3,292
Canada Strategic Infrastructure Fund - Province	3,638	3,112						6,750
Interim Financing (Repayment)	(1,513)	(7,164)						(8,677)

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	\$42	17	160
Less:			
Operating expenditures increase/(decrease)	486	486	486
Debt and finance charges increase	58	184	191
SURPLUS/(DEFICIT)	(502)	(653)	(517)

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

On June 29, 2005, Council approved \$43 million for recreation and leisure facilities. The City's new Recreation and Leisure Facilities Policy was adopted on May 18, 2005. The timelines for projects will be finalized each year through the capital budget process considering priorities, project readiness, and financial/operational capacity.

Funds will be allocated to the Community Centre Investment Fund and administration and overhead charges

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Office Automation**

Department: City Clerks
Project: 0400000709

Capital Priority Rating: 3-4
Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	200	-	200	-	200	-	400	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200		200		200		400	600

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	17	24
SURPLUS/(DEFICIT)	(6)	(17)	(24)

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

The replacement of existing equipment used to deliver all public services performed by the Department. This includes upgrades and enhancements to the software and hardware used by the City Clerk's Department, Mayor's Office and Council and equipment used during meetings of Council and Standing Committees as part of the E-Government Initiative.

This project will also fund equipment to be used by the public in the Council Building and Archives. This project ensures that equipment is available and meets standards for public access set by the Access Committee.

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

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Corporate Records Centre**

Department: City Clerks
Project: 0400000912

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	575	-	-	-	200	-	-	200	200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					200			200	200

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

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

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

The City Clerk's Department has a corporate responsibility for records management services and archives as outlined in the City of Winnipeg Charter. To date, temporary record storage has taken place at 380 William Avenue. The facility is now at maximum capacity, forcing departments to utilize private records storage centers. This has further been exasperated by structural problems at 380 William requiring the closing of a portion of the second floor, with an associated loss of storage capability. Departments are bound by by-law to keep records for a specific period of time.

In order to provide a more centralized and more cost effective approach to records management storage services, the City Clerk's Department has renovated a portion of a city owned warehouse at 311 Ross Avenue to accommodate records storage. The area remains a warehouse but has required some repairs to floors and walls, upgraded lighting and security, and installation of shelving in order to be used effectively as a records center. The records center opened in August of 2007.

Ongoing upgrades are expected at the 5 year mark, 2012, in order to meet anticipated increased demand for corporate records storage.

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Election Systems**

Department: City Clerks
Project: 0400000509

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	150	150	-	-	150	200	500	650
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150	150			150	200	500	650

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	150	150	-	-	150	200	-	650
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	150	150			150	200		650

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	18	27
SURPLUS/(DEFICIT)	(4)	(18)	(27)

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

In accordance with the department's statutory responsibility to compile a List of Electors and convene elections, every four years the department ensures the renewal of equipment and systems used in election processes.

As some of the systems are only used every four years, they require either extensive renovations or complete rewrites to allow them to function with changed systems, networks, and databases.

In the past, this has involved corporate mainframes and a large number of staff from Corporate Support Services. The City Clerk's Department will, for the 2010 Election, ensure systems are operational using in-house resources and contract personnel, and by purchasing ready made systems from election partners such as our voting machine partner Election Systems and Software and our voters list partners Elections Canada and Elections Manitoba.

Systems to be upgraded/revitalized for the 2010 election include the List of Electors system, geographic information system (GIS) mapping systems, election night reporting systems and web sites, especially those utilizing the Internet for more effective communication with candidates, media, and the public.

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

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Voting Machine Replacement**

Department: City Clerks
Project: 040000xx09

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	1,500	250	-	-	-	-	250	1,750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,500	250					250	1,750

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,500	250	-	-	-	-	-	1,750
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,500	250						1,750

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	41	136	152
SURPLUS/(DEFICIT)	(41)	(136)	(152)

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

The City Clerk's Automated Voting Machine system was purchased in 1994 and was used through the 2006 General Municipal Election. While the current system is still functional, obtaining replacement equipment and parts, as well as support is becoming more and more difficult as technology evolves and the company that manufactures the system moves towards newer technology.

Use of the system to meet the demands of the public and candidates in terms of reporting and other facets is also becoming increasingly difficult as the system ages and becomes more difficult to hook into City of Winnipeg networks/systems as they change.

Access concerns for the physically challenged and the public's desire for new voting technologies must also be addressed. A new voting system using up to date digital technology will be required for the 2010 General Municipal Event.

This will require extensive research and a Request For Proposal process starting in late 2008 or early 2009, with purchase of the new system to occur in late 2009 or 2010, leaving 10 months of setup time for the 2010 event.

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **City Archives**

Department: City Clerks
 Project: 040000xx08

Capital Priority Rating: 5-4
 Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	150	-	500	500	500	500	500	2,500	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500	500	500	500	500	2,500	2,500

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		16	64
SURPLUS/(DEFICIT)	-	(16)	(64)

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

The City Archives, located at 380 William Avenue, was opened as the City's first library in the early 20th century. The building currently serves as a repository for storage of the City's historical information and has done so since 1977. The structure was designated a heritage building in 1984. Protected elements include the front rooms on the first and second floors, the building exterior, and the iron fence surrounding the property. The building, until recently, acted as the City's record centre. Deflection of second floor beams and a potential for collapse have resulted in much of the records storage/weight being removed from the second floor of the building and transferred to 311 Ross.

An external report has identified several issues with the building including the need to address the load bearing capacity of the second floor, ensuring appropriate repairs to the Tyndall Stone facade, ensuring adequate waterproofing for the roof and foundation, and repairing/replacing windows. Also identified is the lack of a fire suppression system. These issues would be addressed over a series of years based on priority. As well as the structural problems, the Department is working with the Access Advisory Committee and staff from Property, Planning and Development to bring the building up to code. This involved a grant from the Committee to redo the public washrooms. A project has also been undertaken to develop a wheel chair ramp outside the building and an accompanying lift inside the building to ensure the building is fully accessible to all.

The repairs will be spread out over the next few years to minimize disruption to the building.

CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Security for Council Building**

Department: City Clerks
Project: 040000xyy

Capital Priority Rating: 5-4
Service: Council Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	100	200	-	-	-	-	200	300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	200					200	300

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	100	200	-	-	-	-	-	300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	200						300

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	15	28
SURPLUS/(DEFICIT)	(3)	(15)	(28)

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

A review of Council Building security was undertaken in 2008. It looked at potential issues as well as security that is undertaken at similar facilities such as the Manitoba Legislature. The study identified various potential problems that will require some physical upgrades to the Council Building over the next two years.

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **E-Government**

Department: Corporate Support Services

Capital Priority Rating: 2 - 3

Project: 3453000009

Service: Organizational Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	150	528	535	617	629	705	3,014	3,164
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150	528	535	617	629	705	3,014	3,164

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	150	528	535	617	629	705	-	3,164
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	150	528	535	617	629	705		3,164

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	51	180
SURPLUS/(DEFICIT)	(4)	(51)	(180)

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

E-Government supports projects that use information technology to support the provision of e-government services. It covers a broad spectrum of initiatives that typically fall into two main categories: 1. Providing better service to citizens (i.e. 24 X 7, self-service options); and 2. Providing services more efficiently and effectively, translates into productivity gains and reduced costs. These funds will be used to provide applications to improve the City's Internet site and to provide better and new electronic services to citizens. In addition, the funds will be used to purchase software to support the development of citizen self-service applications on the web. This software includes content management software, portal software, and single sign-on and authentication software.

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

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **Communications Network Infrastructure**

Department: Corporate Support Services Capital Priority Rating: 2 - 4

Project: 3401000009 Service: Organizational Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	92	633	638	643	277	641	2,832	2,924
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		92	633	638	643	277	641	2,832	2,924

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	92	633	638	643	277	641	-	2,924
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	92	633	638	643	277	641		2,924

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	40	193
SURPLUS/(DEFICIT)	(3)	(40)	(193)

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

Communications Network Infrastructure is the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility, and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and internet to all departments.

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

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **Network Computing Initiatives**

Department: Corporate Support Services

Capital Priority Rating: 3 - 4

Project: 3402000009

Service: Organizational Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	216	209	211	213	213	212	1,058	1,274
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		216	209	211	213	213	212	1,058	1,274

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	216	209	211	213	213	212	-	1,274
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	216	209	211	213	213	212		1,274

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	58	111
SURPLUS/(DEFICIT)	(6)	(58)	(111)

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

Network Computing Initiatives are emerging multi-tiered infrastructure, internet/intranet servers and other similar network based computing technologies that are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Specific initiatives include hardware, software, and physical facilities protecting the City's networks and key systems from single site disasters, security products to address the ever growing computer virus and "spam" outbreaks, and re-organization assistance to efficiently manage new environment paradigms.

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

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **PeopleSoft Upgrade**

Department: Corporate Support Services

Capital Priority Rating: 2 - 3

Project: 3455000011

Service: Organizational Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	741	-	-	1,500	1,000	500	646	3,646	3,646
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				1,500	1,000	500	646	3,646	3,646

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	1,500	1,000	500	646	-	3,646
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			1,500	1,000	500	646		3,646

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			41
SURPLUS/(DEFICIT)	-	-	(41)

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

The City is committed to renewing its PeopleSoft investment every four years to take advantage of new functionality and remain current with supplier's support. The City will significantly change the PeopleSoft application in 2011 - 2013 when it will migrate from PeopleSoft to Oracle's Fusion products.

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **Data Warehouse / Business Intelligence**

Department: Corporate Support Services

Capital Priority Rating: 2 - 2

Project: 3456000009

Service: Organizational Services

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	125	520	200	-	169	203	1,092	1,217
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		125	520	200		169	203	1,092	1,217

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	125	520	200	-	169	203	-	1,217
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	125	520	200		169	203		1,217

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	3	44	162
SURPLUS/(DEFICIT)	(3)	(44)	(162)

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

The ability to accurately and consistently report data from many applications is becoming increasingly important. The Data Warehouse/ Business Intelligence initiative will provide the base from which many application systems and their data can be brought together to provide reporting capability as the City moves toward a more service based view of its operation.

ASSESSMENT AND TAXATION - GENERAL CAPITAL FUND

Project Name: **Assessment Automation**

Department: Assessment and
Taxation

Capital Priority Rating: 3 - 3

Project: 1400000107

Service: Assessment, Taxation and Corporate

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

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	500	1,000	-	500	-	-	-	2,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	500	1,000		500				2,000

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

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

The Assessment Automation project includes a number of initiatives focused on improving the efficiency and the effectiveness of the assessment and taxation functions through the appropriate use of automation. Examples of specific initiatives that are ongoing include the dynamic linkage between Computer-Aided Mass Appraisal (CAMA) and Geographic Information System (GIS) so that access to assessment data can be provided through the corporate spatial platform; the development of enhanced valuation systems for specific property types; implementation of an electronic document and records management system; acquisition of property images including high resolution aerial images; and integration of PADIView with other key applications.

The Assessment Automation project is an ongoing project. The subprojects within the Assessment Automation project are usually complete within a two-year timeframe. Subprojects completed in the past year include website modifications for online data collection, development of web appraiser tools, CAMA Commercial Component Enhancements, and completion of a Quality Management System in preparation for ISO certification in 2008. The cash flows listed above are primarily for the CAMA enhancements set to occur over several years, with completion in 2011. CAMA is the core valuation system for the Assessment and Taxation Department.

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

OTHER PROJECTS - GENERAL CAPITAL FUND

Project Name: **Innovative Capital**

Department: Corporate
Project: 120000696

Capital Priority Rating: 1 - 1
Service: Assessment, Taxation and Corporate

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	1,299	154	46	35	-	733	968	2,267
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		12	404	46	35		733	1,218	1,230
Prior Years' Surplus		1,299						-	1,299
Repayment to General Purpose Reserve		(12)	(250)					(250)	(262)

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,299	154	46	35	-	733	-	2,267
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		404	46	35		733		1,218
Prior Years' Surplus	1,311							1,311
Repayment to General Purpose Reserve	(12)	(250)						(262)

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	26	3	1
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	50	130	141
SURPLUS/(DEFICIT)	(24)	(127)	(140)

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

Capital funding to increase efficiency and/or effectiveness for unspecified projects. Projects are issued on an individual basis and authorized by the Chief Administrative Officer. Cash to capital requirements for 2009 and 2010 include repayments to the General Purpose Reserve.

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

OTHER PROJECTS - GENERAL CAPITAL FUND

Project Name: **Capital Investment Fund**

Department: Corporate
Project: 120000xx07

Capital Priority Rating: 3 - 2
Service: Assessment, Taxation and Corporate

AUTHORIZATION	Previous Budgets*	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	2,000	-	6,138	6,138	6,138	6,138	6,138	30,690	30,690
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			6,138	6,138	6,138	6,138	6,138	30,690	30,690

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	6,138	6,138	6,138	6,138	6,138	-	30,690
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		6,138	6,138	6,138	6,138	6,138		30,690

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)		123	123
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		199	784
SURPLUS/(DEFICIT)	-	(76)	(661)

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

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

* Note: Previous budget amount of \$4.357 million decreased to reflect surplus transferred to other 2009 capital projects.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Security Enhancements**

Department: Transit
Project: 423000xyxy

Capital Priority Rating: 3 - 1
Service: Public Transit

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

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	7	7	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		33	66
SURPLUS/(DEFICIT)	7	(26)	(66)

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

The City of Winnipeg and the Transit Department have long recognized the importance of ensuring the security of their infrastructure and operations.

The Federal Government has made urban transit security a priority. A three-year contribution program was established to address important security priorities. Winnipeg Transit has accessed this program and is awaiting a consultant's report to assess potential risks to Transit's infrastructure and operations and to develop measures to reduce these risks.

These funds anticipate that high security risks identified by the study will require immediate attention.

Estimated useful life - variable depending on the project.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Fare Collection System**

Department: Transit
Project: 423000xyy

Capital Priority Rating: 3 - 4
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,000	4,000	5,500	-	-	-	-	5,500	9,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			3,000	5,500				8,500	8,500
Interim Financing		3,000	2,500	(5,500)				(3,000)	-
Transfer from Prior Authorization (2007)		1,000						-	1,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	4,000	5,500	-	-	-	-	9,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			8,500					8,500
Interim Financing		3,000	(3,000)					-
Transfer from Prior Authorization (2007)		1,000						1,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)		117	160
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	117	160

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

The existing fare collection system is many decades old and limits flexibility in the type of fares that can be offered passengers. A review will be conducted to consider the best options suited for the City's public transit system. This capital project will authorize capital investments that may include:

- mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes. Among other benefits, this will provide more consistent application of the Power Hour transfer.
- smart card and proximity card will permit more extensive use of prepaid fares, accommodate more complex fare systems, provide more efficient processing and reporting of fares, and provide a better defense against potential counterfeiting of monthly and weekly passes. As the technology is still developing and the public continues to accept this as a means of paying for goods and services, this part of the project will commence after 2010.

Estimated useful life - Twenty years.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Innovative Transit Program**

Department: Transit
Project: 423000xyy

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	700	800	800	800	1,000	1,000	4,400	5,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		700	800	800	800	1,000	1,000	4,400	5,100

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	800	800	800	1,000	1,000	500	5,100
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200	800	800	800	1,000	1,000	500	5,100

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	6	24	24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		27	133
SURPLUS/(DEFICIT)	6	(3)	(109)

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

The Innovative Transit Program provides for various projects which are not normally funded through the operating budget or other areas of the capital budget. Various projects such as transit terminals at shopping centres, passenger shelters, improved waiting amenities at major bus stops, park and ride lots, bus priority measures, handi-transit trip confirmation system, automated transit scheduling system, and the Winnipeg Transit internet site provide an enduring benefit to the department and have been funded under this program.

A number of projects identified in the February 22, 2006 Council approved Rapid Transit Task Force Implementation Report are to be funded through this capital program through 2011.

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

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Building Replacement / Refurbishment**

Department: Transit
Project: 420000xx07

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	-	6,109	7,522	9,951	11,706	12,079	47,367	47,367
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				1,413	3,842	5,597	5,970	16,822	16,822
Federal Gas Tax			6,109	6,109	6,109	6,109	6,109	30,545	30,545

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	6,109	17,473	-	23,785	47,367
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					5,255		11,567	16,822
Federal Gas Tax				6,109	12,218		12,218	30,545

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

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

Transit's operations are housed out of two primary facilities, the Fort Rouge complex and the North Main garage. These facilities are approximately 40 and 80 years old respectively. The department funds the maintenance of the facilities through the operating budget. However, it is becoming clear that significant funding will be needed shortly to respond to the growing need for large capital investment. The previous budget will fund the first step of this project and will consist of a study of the most cost effective approach to solve the building age and space constraint problems.

It is anticipated that the recommendations from the study will result in this becoming a multi-year capital project. Any future funding authorized would be used to provide for major capital refurbishment and investment that the operating budget cannot support. Beginning in 2012, a significant amount of capital will be required, including the replacement of North Garage.

Estimated useful life - Dependent on the specific projects approved.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Buses**

Department: Transit
Project: 421000xyy

Capital Priority Rating: 3 - 4
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	14,403	15,112	18,299	16,285	16,585	16,900	83,181	97,584
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,643	1,475	82				1,557	3,200
Transit Bus Replacement Reserve		7,920	8,797	10,135	12,445	12,745	13,060	57,182	65,102
Rapid Transit Infrastructure Reserve				4,242				4,242	4,242
Provincial Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	19,200	23,040
Public Transit Capital Trust/Bill C-66 Funding		1,000	1,000					1,000	2,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	14,403	15,112	18,299	16,285	16,585	16,900	97,584
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		1,643	1,475	82				3,200
Transit Bus Replacement Reserve		7,920	8,797	10,135	12,445	12,745	13,060	65,102
Rapid Transit Infrastructure Reserve				4,242				4,242
Provincial Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	23,040
Public Transit Capital Trust/Bill C-66 Funding		1,000	1,000					2,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)		133	130
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			143
SURPLUS/(DEFICIT)	-	133	(13)

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

This project is for the ongoing purchase of new low-floor urban transit buses and for the replacement of buses that have reached the end of their useful life.

Estimated useful life - 18 years

Note: Any surplus funds will automatically be transferred to the following year's Transit Buses program budget.

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

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Southwest Rapid Transit Corridor - Stage 1**

Department: Transit
Project: 423000xyy

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	138,000	-	-	-	-	-	-	138,000
Financed by:									
Federal Government		17,500						-	17,500
Rapid Transit Infrastructure Reserve		2,750						-	2,750
Transfer from other Authorized Transit Projects		10,500						-	10,500
External Debt		89,750						-	89,750
Provincial Government Funding		17,500						-	17,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	67,000	19,000	52,000	-	-	-	-	138,000
Financed by:								
Federal Government	17,500							17,500
Rapid Transit Infrastructure Reserve	2,750							2,750
Transfer from other Authorized Transit Projects	10,500							10,500
External Debt	31,875	14,625	43,250					89,750
Provincial Government Funding	4,375	4,375	8,750					17,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	887	1,420	2,647
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	1,036	3,070	5,191
SURPLUS/(DEFICIT)	(149)	(1,650)	(2,544)

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges. Net Deficit to be funded by transfer from the Rapid Transit Infrastructure Reserve.

Stage 1 of the Southwest Rapid Transit Corridor includes the construction of a grade-separated busway between Queen Elizabeth Way and Stradbrook Avenue and Pembina Highway and Jubilee Avenue (including an overpass of Osborne Street and an underpass of the CN main line), four stations, and an active transportation path.

When Stage 1 is completed, rapid transit service will be operated between the University of Winnipeg in the downtown and destinations in the southwest part of the city. The service will operate on-street between the University of Winnipeg and the Graham Mall, then via Graham Mall to Main Street, then via diamond lanes on Main Street to the new busway, and then via the new busway to Pembina Highway and Jubilee Avenue. The service will then continue on-street on Pembina Highway to various residential communities in southwest Winnipeg and to the University of Manitoba.

This project will significantly improve the speed and reliability of transit service by allowing transit vehicles to bypass traffic congestion in Osborne Village, on Donald Street/Midtown Bridge, through Osborne Junction, at the Jubilee underpass, and on Pembina Highway.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Improvements**

Department: Transit
Project: 423000xyy

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	25,605	6,109	-	-	-	-	-	-	6,109
Financed by:									
Federal Gas Tax		6,109						-	6,109

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	6,109	-	-	-	-	-	-	6,109
Financed by:								
Federal Gas Tax	6,109							6,109

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

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

On February 22, 2006, Council approved the report "Implementation Plan for Rapid Transit Task Force Recommendations", that outlined a program of transit improvements to be implemented over the 2006 to 2012 time period.

A significant component of the report's recommendations requires that a capital program be established for the various projects outlined in the report, to be funded through the Government of Canada's gas tax, Bill C-66 and the Public Transit Capital Trust revenues (Reserves have been established by the City for these revenues - Gas Tax Reserve for the Gas Tax and Public Transit Reserve for the Bill C-66 and Public Transit Capital Trust revenues). Previous capital budgets have included the Public Transit Reserve portion of this project - only Gas Tax Reserve funding is included here.

The projects to be carried out under this program include an integrated set of transit improvements to improve the speed, reliability, comfort, convenience, and accessibility to transit service. The improvement plan includes upgraded stops and stations, intelligent transportation systems technology, and traffic priority for transit.

Estimated useful life - variable depending on the project.

TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transportation Authority Study**

Department: Transit
Project: 423000xyy

Capital Priority Rating: 3 - 1
Service: Public Transit

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

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)	36		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		170	170
SURPLUS/(DEFICIT)	36	(170)	(170)

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

On October 19, 2005, City Council adopted the Rapid Transit Task Force - Made in Winnipeg Rapid Transit Solution - Final Report. One of the recommendations made was that the creation of a Winnipeg Transportation Authority be investigated.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Stormwater Retention Basin Rehabilitation**

Department: Water and Waste
Project: 2075000109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	2,622	200	200	200	400	400	400	1,600	1,800
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		200	200	200	400	400	400	1,600	1,800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	200	200	400	400	400	-	1,800
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	200	200	200	400	400	400		1,800

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	24	43
SURPLUS/(DEFICIT)	(6)	(24)	(43)

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

This is an annual program of carrying out repairs or improvements to shorelines and facilities of existing stormwater retention basins including, but not limited to, rock revetment, gate chambers, fountains, and maintenance equipment launching ramps. Rehabilitation and/or upgrading of the retention basins will reduce annual maintenance problems and improve safety.

There are currently 72 stormwater retention basins under the City's jurisdiction. At the current level of funding and depending on the level of work required, 2 to 4 basins are rehabilitated every two years. As the basins age, they will require a higher level of maintenance, and thus future funding levels and prioritization of work will have to be reviewed in order to continue this program of asset preservation.

The expected life of this asset is 10 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Pumping Station Rehabilitation**

Department: Water and Waste
 Project: 2076500109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	6,794	900	1,000	1,000	1,000	1,000	1,000	5,000	5,900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		900	1,000	1,000	1,000	1,000	1,000	5,000	5,900

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	900	1,000	1,000	1,000	1,000	1,000	-	5,900
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	900	1,000	1,000	1,000	1,000	1,000		5,900

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	25	109	204
SURPLUS/(DEFICIT)	(25)	(109)	(204)

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

In a 2007 report on the adequacy and operation of the 34 regional flood pumping stations it is estimated that \$21.7 million of upgrades will be required. Near-term expenditures (i.e., next 10 years) have been estimated at \$14.5 million, and long term (next 11-50 years) are identified to cost \$8.2 million. These upgrades improve overall station reliability during high river levels and rainfall events. Funding for this project also includes an annual program for carrying out major repairs, upgrades and/or improvements to the flood pumping stations, and associated outfall pipes and gates. Upgrades and/or improvements includes changes to: ventilation, electrical, mechanical, structural, and architectural components. All stations will be upgraded for remote monitoring which is critical during flood and rainfall events.

Formerly, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations had been identified for aesthetic improvements.

The expected life of this asset is 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Land Drainage and Combined Sewers Outfall Gate Structures**

Department: Water and Waste
Project: 2078500209

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	9,250	1,450	1,450	1,450	1,500	1,500	1,500	7,400	8,850
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		1,450	1,450	1,450	1,500	1,500	1,500	7,400	8,850

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,450	1,450	1,450	1,500	1,500	1,500	-	8,850
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	1,450	1,450	1,450	1,500	1,500	1,500		8,850

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	40	171	309
SURPLUS/(DEFICIT)	(40)	(171)	(309)

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

This is a project to install flap gates and positive sliding gates within concrete gate structures on outfall sewers where these facilities do not currently exist or the existing facilities are inadequate or substandard. Under high river level (flood) conditions, the river water backs up into the land drainage and combined sewer systems. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the sewer also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage and combined sewer systems.

Subsequent to the 1997 flood event, 70 outfall locations were identified as requiring gates. To date 34 locations have been addressed, leaving 36 locations yet to be completed.

The expected life of this asset is 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Floodplain Management**

Department: Water and Waste
 Project: 2070000409

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	600	200	500	-	-	-	-	500	700
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		200	500					500	700

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	6	33	65
SURPLUS/(DEFICIT)	(6)	(33)	(65)

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

This project will investigate and implement programs, policies and legislation to:

- 1) Protect and ensure permanency of current and future secondary dike installation;
- 2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels;
- 3) Purchase and remove existing structures from the floodplain and
- 4) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties starting in 2007.

In April 2007, Council approved a program to raise the level of flood protection for low-lying properties below 20 ft James Avenue where it could be demonstrated the cost of providing sandbags exceeded the cost of a permanent flood works. In this program, the level of flood protection would be raised to 22.5 ft James Avenue and thereby avoid the need to sandbag for most floods. If all eligible properties participate, the cost of this program could be \$880,000 and the City could avoid the sandbagging cost of approximately \$2,000,000.

The implementation of such programs could take place over a minimum of 5 to 10 years at a cost of \$10 million.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Seine River Waterway Acquisition**

Department: Water and Waste
Project: 2080000108

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	900	-	150	150	150	150	150	750	750
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			150	150	150	150	150	750	750

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		5	19
SURPLUS/(DEFICIT)	-	(5)	(19)

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

The purchase of Seine River Waterway lands is a Council adopted policy to provide long term economical regional drainage and to manage the floodplain. The floodplain lands were originally delineated in 1980 and are required to accommodate flow along the Seine River from a 100-year summer storm. They are typically purchased at the time of subdivision, made possible from funds collected through the Seine River Waterway Charge applied to all subdivision and rezoning applications within the Seine River watershed within City limits. Development of lands adjacent to the Seine River will occur faster than the development of lands further from the Seine River. Therefore, the funding required to purchase floodplain lands will exceed the funding collected from the Waterway Charge.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Primary Dike Upgrading**

Department: Water and Waste
Project: 2070001407

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,165	-	300	1,500	1,390	1,500	948	5,638	5,638
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			300	1,500	1,390	1,500	948	5,638	5,638

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	300	1,500	1,390	1,500	948	-	5,638
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		300	1,500	1,390	1,500	948		5,638

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		10	77
SURPLUS/(DEFICIT)	-	(10)	(77)

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

The 1997 flood identified that in the south-end of the City the primary dikes were too low due to higher flows on the upstream portion of the Red River, and in the north-end of the City the dikes were too low due to backwater effects from the Floodway. In 1997 these deficiencies were addressed by constructing temporary clay dikes. A recently completed engineering study has identified that it will cost approximately \$35 million to permanently raise the primaries and to deal with bank stability issues related to the City's primary dikes. The current level of proposed funding will begin to address these areas.

To provide 1 in 700 year flood protection, the level proposed with the Floodway Expansion will require a further raise of the City's primary dike system to deal with additional backwater effects from the expanded Floodway. The estimated cost to undertake this additional work is in the range of \$114 million. The recently released Clean Environment Commission (CEC) report on the Floodway Expansion made a "non-licensing" recommendation that the City complete permanent raising of their primary dikes by 2015 and that all levels of government work cooperatively on the financing of these improvements.

Until permanent works are completed, the City will rely on temporary raises to its primary dikes on an as-required basis.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Land Drainage Safety Upgrading Program**

Department: Water and Waste
Project: 2070001309

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

AUTHORIZATION	Previous Budgets	2009 Adopted *	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	600	-	200	100	200	200	200	900	900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			200	100	200	200	200	900	900

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		7	22
SURPLUS/(DEFICIT)	-	(7)	(22)

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

The purpose of this program is to reconstruct or upgrade miscellaneous components of the existing land drainage system to conform with the City of Winnipeg Drainage Safety Guidelines. Specific projects have been identified and prioritized as part of the Open Channel Drainage Inventory and Safety Review Study.

The expected life of the assets is 75 years.

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

WATER AND WASTE - GENERAL CAPITAL FUND

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

Department: Water and Waste
Project: 2070001607

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

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

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

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

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

Asset management principles are being utilized for various sections in the Water and Waste Department. An asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the land drainage service. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Portable Flood Pumps**

Department: Water and Waste
Project: 2070000109

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

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

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	21	21
SURPLUS/(DEFICIT)	(7)	(21)	(21)

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

The Water and Waste Department has an inventory of portable pumping units that are used to pump out sewer systems during high water levels along the City's rivers to prevent the possibility of basement flooding during rainstorms. The existing inventory of 30 pumping units, many dating back to 1950, have reached the end of their useful life expectancy and are in need of replacement.

On February 22, 2006, Council adopted a recommendation and approved a new 2006 Capital Project for \$250,000 outside of the 2006 Capital Budget process to initiate replacement of the existing portable flood pumps. In the spring of 2006, five pumps were purchased.

On December 6, 2006, Council adopted a recommendation that an expenditure of \$250,000 be authorized before the 2007 Capital Budget is adopted, as a first call against the 2007 Tax Supported Capital Budget in order to procure a contract for the purchase, delivery, and set-up of portable flood pumps in time for preparations for the 2007 spring flood related activities. In the spring of 2007, six pumps were purchased.

Funds will be used to continue the replacement of existing pumps. This purchase will provide for reliable flood fighting equipment and enhance the flood fighting capability of City personnel by reducing the requirement for constant monitoring of the pumping equipment.

The expected life of this asset (per unit) is 15 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Flood Equipment Storage Facility**

Department: Water and Waste
Project: 2070yyyyxx

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

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

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

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	14	43	43
SURPLUS/(DEFICIT)	(14)	(43)	(43)

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

Currently, the Department's Portable Emergency Flood Pumps are located in various City owned facilities. Some of the large pumps and their associated equipment are located in the stores building at the Water Services Division Plinguet Yard where they are vertically stacked on shelves on pallets due to space limitations. A forklift is required to retrieve them.

The stores building does not have sufficient space for all pumps and their associated equipment. There are a number of trailer mounted pump units and associated equipment located at the garage at 1500 Plessis Road. On May 24, 2006, Council adopted a recommendation to declare a list of properties as surplus and made available for sale in association with the Public Works-Water and Waste Facilities Master Plan. The 1500 Plessis Road location is one of the properties listed as surplus property, therefore, time is limited for which the pumps can be stored at this location.

The Water and Waste Department plans to seek assistance from Planning, Property and Development Civic Accommodations to explore opportunities for leasing/buy/build options. The facility will have to be maintained at temperatures above zero degrees Celsius, have 24 hour access, security, and accommodate all the equipment to be located on the main floor. The facility will also have to be at a suitable location for the Wastewater Operations Division. The approximate size of the required facility is estimated at 5,000 sq. ft.

Pending the outcome of the search for accommodations, funds have been budgeted in 2009 for a potential buy/build option. Depending on the cost of construction, budgets may have to be increased.

The expected life of this asset is 30 years.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Combined Sewer Flood Relief**

Department: Water and Waste
Project: 2071000109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	144,909	7,200	7,200	7,200	7,200	7,200	7,200	36,000	43,200
Financed by:									
Frontage Levy		7,200	7,200	7,200	7,200	7,200	7,200	36,000	43,200

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	7,200	7,200	7,200	7,200	7,200	7,200	-	43,200
Financed by:								
Frontage Levy	7,200	7,200	7,200	7,200	7,200	7,200		43,200

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

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

This program, which was approved by Council on October 21, 1987, provides for basement flood relief to combined sewer areas. Funds will be used for the planning, design, and construction of sewer relief works. Also, a portion of the funds will be used for sewer flow and meteorological monitoring in advance of design as well as public communication and education on basement flood protection.

There are 42 combined sewer districts in Winnipeg. Currently, 28 combined sewer districts have been relieved. At present, 4 combined sewer districts are being reviewed for potential relief, and a 5th district has had some preliminary work done as part of the planning studies for future potential relief. Planning for the relief work is also coordinated with the upcoming Combined Sewer Overflow program and the Sewer Rehabilitation program. The cost for the remainder of the program is \$115,966,000, and at current funding rates will require 15.5 years to complete. The benefit to cost ratio of the outstanding work is 3.8 to 1; meaning for every dollar spent on sewer relief works, \$3.8 dollars are saved in flood damages.

The expected life of this asset is over 50 years.

WATER AND WASTE - GENERAL CAPITAL FUND

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

Department: Water and Waste
Project: 2072000109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,800	300	300	300	300	300	300	1,500	1,800
Financed by:									
Frontage Levy		300	300	300	300	300	300	1,500	1,800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	300	300	300	300	300	300	-	1,800
Financed by:								
Frontage Levy	300	300	300	300	300	300		1,800

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

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

Basement flooding has become an issue in some separate sewer areas as in combined sewer 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.

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Development Agreement Paybacks**

Department: Water and Waste
Project: 2077000109

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	350	500	-	-	500	-	1,000	1,350
Financed by:									
Developer Capacity Charges		350	500			500		1,000	1,350

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	350	500	-	-	500	-	-	1,350
Financed by:								
Developer Capacity Charges	350	500			500			1,350

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

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

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized land drainage services at a time when City capital funding is not provided. The policy guideline for bridge financing was defined in the previous version of the Development Agreement Parameters and was again incorporated in the most recent version of the Parameters which was adopted by Council on June 21, 1989.

Funds budgeted will provide the following paybacks:

2009 DASZ 20/04 - North Grassie Properties/Arrowwood	150,000
2009 DASZ 16/06 - Enterprise 7777 Canada Ltd./VanHull	200,000
2010 DASZ 3/93 - Genstar/Amber Trails	500,000
2013 DASZ 1/06 - MHRC/Waverley West	500,000

The expected life of this asset is over 50 years.

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

WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Fernbank Avenue Land Drainage Sewer**

Department: Water and Waste
 Project: 2082xxxxyy

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

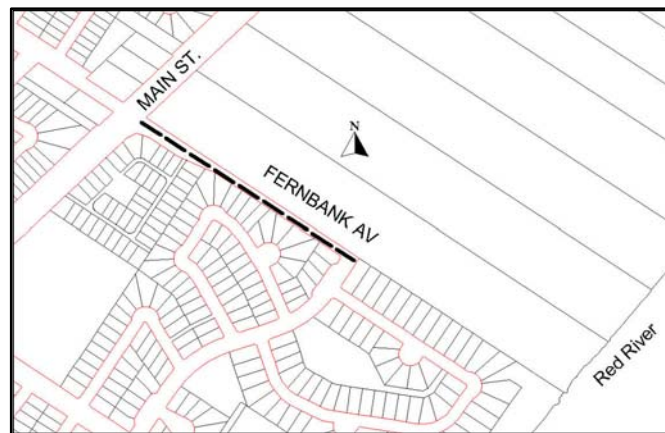
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	875	-	-	-	875	875
Financed by:									
Developer Capacity Charges				875				875	875

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	875	-	-	-	-	875
Financed by:								
Developer Capacity Charges			875					875

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

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

This project includes construction of a 1,350 mm diameter land drainage sewer on Fernbank Avenue from approximately 65 metres west of Main Street to Rivergrove Drive. The sewer will provide a permanent outlet for the Riverbend Subdivision retention basin and an outlet for the undeveloped lands west of the CPR Winnipeg Beach Subdivision rail line. These lands include the Public Works Department's snow dump site north of Fernbank Avenue. The expected life of this asset is 75 years.



WATER AND WASTE - GENERAL CAPITAL FUND

Project Name: **Outfall Rehabilitation**

Department: Water and Waste
Project: 2078000106

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

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	7,948	750	600	550	800	800	800	3,550	4,300
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		750	600	550	800	800	800	3,550	4,300

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	750	600	550	800	800	800	-	4,300
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	750	600	550	800	800	800		4,300

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	21	83	139
SURPLUS/(DEFICIT)	(21)	(83)	(139)

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

Funding is for rehabilitation of sewer outfalls, repair to piping, and correction of riverbank instability. A condition assessment was completed in 1998 to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced during the 1996 and 1997 floods. Originally 55 high-priority sites were identified requiring attention. Since then, 5 more sites have been added for a total of 60 sites. To date 29 locations have been refurbished, with 31 sites remaining.

The expected life of this asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Saskatchewan Avenue Feedermain**

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

Project: 2004xxxxxy
Waterworks System

Service: Water

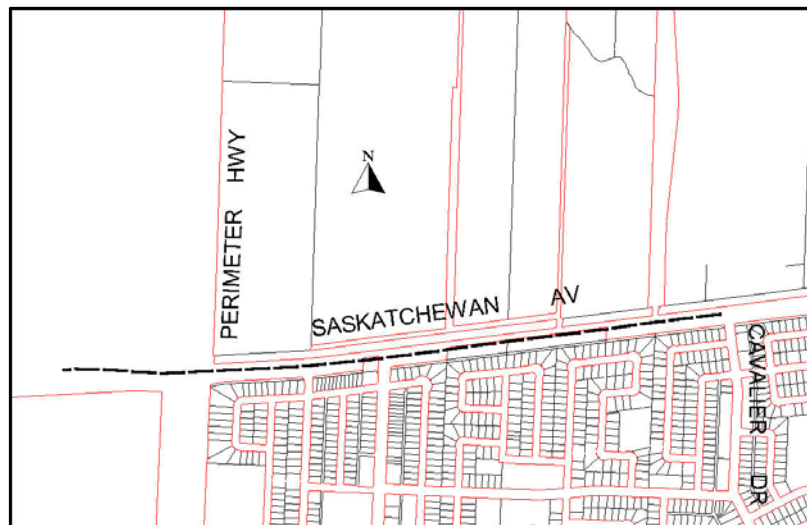
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	-	3,800	-	3,800	3,800
Financed by:									
Retained Earnings						3,800		3,800	3,800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	-	3,800	-	-	3,800
Financed by:								
Retained Earnings					3,800			3,800

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

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

Urban development of the lands within the City and west of the Perimeter Highway (PTH 101) will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermains required within the development lands to complete the loop will be oversized by developers. The expected life of this asset is over 50 years.



WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Supervisory Control and Data Acquisition (SCADA) Upgrade**

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

Project: 20050002yy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	2,308	-	-	1,800	2,900	-	-	4,700	4,700
Financed by:									
Retained Earnings				1,800	2,900			4,700	4,700

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	1,800	2,900	-	-	-	4,700
Financed by:								
Retained Earnings			1,800	2,900				4,700

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

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

The Supervisory Control and Data Acquisition (SCADA) system controls and monitors the operation of the Drinking Water Treatment Plant and the Regional Water Supply and Distribution System. The automated control system is comprised of specialized computer hardware and software, remote communications, instrumentation, and Programmable Logic Controls (PLC). A SCADA system assessment and upgrading are required to ensure timely replacement of dated hardware and software. The SCADA system is essential for the supply, water treatment process control and distribution of drinking water.

The PLCs currently in use at the three regional pumping stations (McPhillips, MacLean, and Hurst), Tache and Deacon Booster Pumping Stations, and Shoal Lake Intake were installed in 1992 and will no longer be serviced or supported by the manufacturer as of December 31, 2011. Upgrading the water supply system's PLCs at this time will allow for the review of the control software to optimize the operation of the system.

The expected life of this asset is 10 years but will depend on the technical advancement in the process automation field.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Aqueduct Intake Structure Condition Assessment**

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

Project: 2003xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	200	800	1,000	-	-	-	-	1,000	1,800
Financed by:									
Retained Earnings		800	1,000					1,000	1,800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	800	1,000	-	-	-	-	-	1,800
Financed by:								
Retained Earnings	800	1,000						1,800

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

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

The Shoal Lake Aqueduct, which has been in continuous service since 1919, is the sole water supply infrastructure for the City. The Shoal Lake Intake Structure is the transition headworks to receive water from Shoal Lake and to control the water flow into the Aqueduct. The control of water flow is critical to the safe operation of the Aqueduct, as the Aqueduct was designed to operate as a non-surcharged pipe. The intake structure has a number of mechanical gate and screening components and related features that date back to the original construction. Given the necessity and critical nature of the intake structure and its associated Venturi structure to the safe operation of the Aqueduct and the City's water supply, a condition assessment is required to determine future rehabilitation and replacement requirements. The assessment will also consider alterations and/or additions to the intake structure to minimize its impact on the spring fish spawning.

The expected life of this rehabilitated asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement**

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

Capital Priority Rating: 5 - 3
Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	2,500	-	-	-	-	-	-	2,500
Financed by: Retained Earnings		2,500						-	2,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	2,500	-	-	-	-	-	-	2,500
Financed by: Retained Earnings	2,500							2,500

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

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

The Disraeli Feedermain is suspended from the underside of the existing Disraeli Freeway bridge structure. Significant leak repairs have been made to the feedermain in the past five years due to corrosion. In consideration of the feedermain's age (over 40 years), recent leak history, and exposure to the elements, a condition assessment was undertaken in 2004 which recommended replacement of the pipe.

The preferred alternative is to remove this pipe from the bridge and install a new watermain under the river. A consolidation of the existing distribution watermains will be required. The expected life of this new asset is 50 years.



WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Intake Chloramination Facility**

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

Project: 20020005yy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	300	-	-	2,000	-	-	-	2,000	2,000
Financed by: Retained Earnings				2,000				2,000	2,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	2,000	-	-	-	-	2,000
Financed by: Retained Earnings300			2,000					2,000

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

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The first phase of the project will be a study to review alternate forms of treatment and/or disinfection for the Shoal Lake Aqueduct and distribution system to meet the operational, public health, and safety goals. Presently, chlorine is used at the intake for disinfection, slime control in the aqueduct and zebra mussel control. This results in high levels of disinfection by-products being formed. The water treatment plant must be constructed and operational prior to replacing the strong disinfection advantages of chlorine. The Water Treatment Project Risk Management process identified viable alternatives to gas chlorine to reduce risk. Given the consequences associated with security, transportation, and containment of gas chlorine, an alternative form of chlorination will be investigated.

The expected life of this asset is 25 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **General Water Infrastructure Rehabilitation**

Department: Water and Waste - Capital Priority Rating: 5 - 4
Waterworks System

Project: 2001xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	300	300	300	300	500	1,700	1,700
Financed by:									
Retained Earnings			300	300	300	300	500	1,700	1,700

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	300	300	300	300	500	-	1,700
Financed by:								
Retained Earnings		300	300	300	300	500		1,700

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Many components in the water supply and distribution systems have been in service for many years and are reaching the end of their functional lives. These components are critical elements of the infrastructure and their failure would result in disruption of service and costly emergency repairs. This project will address the need to rehabilitate the water supply and distribution systems, in order to maintain the water system reliability and conformance with current building codes and health regulations. This will be an on-going project with additional funding being included in future years.

The scope of work will be varied and will be prioritized based on the urgency and cost effectiveness identified through condition assessment studies, available rehabilitation techniques, and research into innovative rehabilitation measures. Infrastructure to be assessed and rehabilitated under this project includes, but is not limited to, reservoirs, pumping stations, feeder mains, 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.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Waverley West Feedermain**

Department: Water and Waste -
Waterworks System
Project: 20040001yy

Capital Priority Rating: 5 - 3

Service: Water

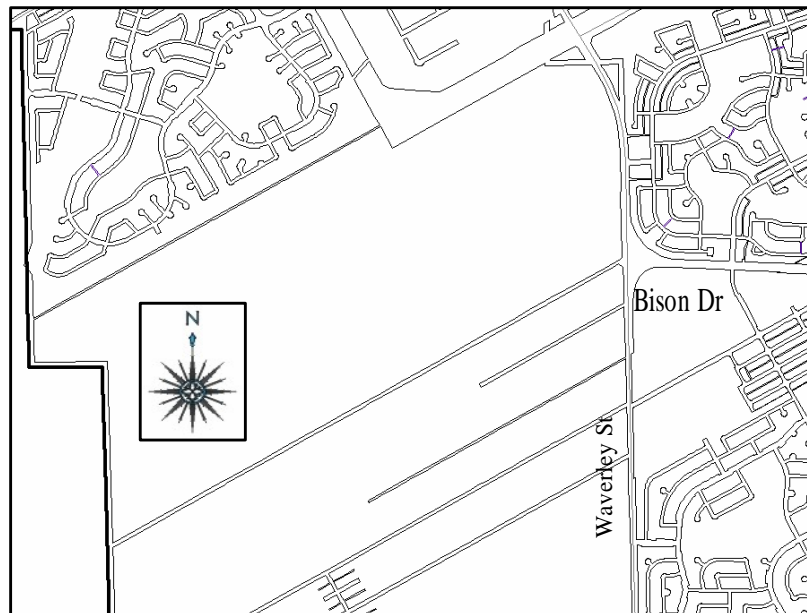
AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	3,400	-	-	7,500	-	-	7,500	10,900
Financed by:									
Retained Earnings		3,400			7,500			7,500	10,900

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	3,400	-	-	7,500	-	-	-	10,900
Financed by:								
Retained Earnings	3,400			7,500				10,900

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Urban development of the lands within the City west of Waverley Street, north and south of Cadboro Road will require an extension of the existing feedermain system to provide water service and fire protection to developments in this area. The funds included are for Phase 1 and Phase 2 of the feedermain extension. Phase 1 is from the existing feedermain at Waverley Street and Bison Drive and extends into the Waverley West lands. Phase 2 will continue the Phase 1 extension west into the Waverley West lands and south down the proposed Kenaston Blvd extension. The expected life of the asset is over 50 years.



WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Feedermain Condition Assessment and Rehabilitation**

Department: Water and Waste -
Waterworks System
Project: 2004xxxxxy

Capital Priority Rating: 5 - 3

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	500	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Retained Earnings							1,000	1,000	1,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Retained Earnings						1,000		1,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The feeder mains are specialized pipes which are unique in size, materials, construction techniques, and failure. The majority of feeder mains 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.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Utility Asset Management Strategy**

Department: Water and Waste - Capital Priority Rating: 5 - 2
 Waterworks System

Project: 2001000606 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	800	-	200	-	-	-	-	200	200
Financed by: Retained Earnings			200					200	200

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	200	-	-	-	-	-	200
Financed by: Retained Earnings		200						200

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Asset management principles are being utilized for various projects in the water utility. However, development of an asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the water utility. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Supply Valve Installation / Replacement Program**

Department: Water and Waste - Capital Priority Rating: 5 - 4
Waterworks System

Project: 2004000606 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	3,800	1,500	1,500	1,500	750	750	750	5,250	6,750
Financed by:									
Retained Earnings		1,500	1,500	1,500	750	750	750	5,250	6,750

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,500	1,500	1,500	750	750	750	-	6,750
Financed by:								
Retained Earnings	1,500	1,500	1,500	750	750	750		6,750

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The water supply valves are critical elements used to control the distribution of water from the source through the feeder main 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.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Intake Maintenance / Communication Facility Rehabilitation**

Department: Water and Waste - Capital Priority Rating: 3 - 2
 Waterworks System
 Project: 2003000706 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	-	700	-	-	-	-	700	700
Financed by: Retained Earnings			700					700	700

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	700	-	-	-	-	-	700
Financed by: Retained Earnings		700						700

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The original title of the project was the Shoal Lake Aqueduct Maintenance/Storage Facility. The project scope and budget have been revised. The new project name is the Shoal Lake Intake Maintenance/Communication Facility Rehabilitation. The existing Shoal Lake Intake Maintenance/Communication Facility is used to store Intake equipment, track units and complete required maintenance on some of the Intake equipment. The facility also contains critical communications equipment for the Intake facility and Aqueduct. The facility requires upgrades and repairs in order to maintain its life and prevent damage to equipment.

The expected life of the asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Hurst Pumping Station Building - Structural Repairs**

Department: Water and Waste - Capital Priority Rating: 5 - 4
 Waterworks System

Project: 2005000706 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	-	1,000	-	-	-	-	1,000	1,000
Financed by:									
Retained Earnings			1,000					1,000	1,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	1,000	-	-	-	-	-	1,000
Financed by:								
Retained Earnings		1,000						1,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

There are structural defects noted on the precast concrete panels at the Hurst Pumping Station. Noted defects include deterioration of the copings (exposing reinforcing steel), cracked panels, deterioration of ribs on the panels, and the deterioration of the caulking joints in several locations. These conditions may lead to water penetration into the building envelope. A structural review of these conditions is required to determine rehabilitation or replacement costs.

The expected life of the asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Chlorination Decommission at Regional Pump Stations**

Department: Water and Waste - Capital Priority Rating: 5 - 4

Project: 2005xxxxyy

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	100	-	-	-	-	100	100
Financed by:									
Retained Earnings			100					100	100

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	100	-	-	-	-	-	100
Financed by:								
Retained Earnings		100						100

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The existing chlorine disinfection facilities within the three Regional Pumping facilities may be decommissioned once the new drinking water treatment plant has been successfully commissioned. The proposed works at McPhillips, Hurst, and MacLean pump stations may include the removal of gas chlorine and the decommissioning of the related chlorination systems.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Safety Upgrades - Isolation Valves at Valve and Meter Pits**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: 2001001406

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	600	300	300	-	-	-	-	300	600
Financed by:									
Retained Earnings		300	300					300	600

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	300	300	-	-	-	-	-	600
Financed by:								
Retained Earnings	300	300						600

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

There are numerous underground valve and meter pits that must be accessed under confined entry procedures, to maintain the valves and meters. Recent changes to these safe work practices require that water pressure be turned off outside those pits. In order to reduce water service disruptions to customers included in the shutdown areas, additional valves and bypasses are required outside the pits.

The expected life of these assets is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Deacon Chemical Feed Facility Upgrading**

Department: Water and Waste - Capital Priority Rating: 5 - 4
 Waterworks System

Project: 2002xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	1,000	-	-	-	1,000	1,000
Financed by: Retained Earnings				1,000				1,000	1,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	1,000	-	-	-	-	1,000
Financed by: Retained Earnings			1,000					1,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Deacon Chemical Feed Building contains chemical storage and injection equipment to treat the City's drinking water with fluoride and orthophosphate. Given the corrosive nature of such chemicals, the chemical pumps, piping, and related monitoring and control equipment will require upgrading and replacement by 2011.

The expected life of this asset is 20 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Regional Pumping Stations Structural Upgrades**

Department: Water and Waste -
Waterworks System
Project: 2005xxxxxy

Capital Priority Rating: 5 - 4

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	500	-	-	-	500	500
Financed by:									
Retained Earnings				500				500	500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	500	-	-	-	-	500
Financed by:								
Retained Earnings			500					500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The McPhillips, Hurst, and MacLean pumping stations provide the final pumping to deliver water to the Water Utility customers. The pump stations were constructed in the early 1960's. It is anticipated that the building structures will require upgrading to ensure the uninterrupted operation of these pumping facilities. A preliminary assessment will be conducted in 2011 with future funding requirements to be identified in the report.

The expected life of these assets is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Safety Upgrades - Wilkes Reservoir "B" Pit**

Department: Water and Waste - Capital Priority Rating: 5 - 4
 Waterworks System

Project: 2011xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	600	-	-	-	600	600
Financed by: Retained Earnings				600				600	600

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	600	-	-	-	-	600
Financed by: Retained Earnings			600					600

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The Wilkes Reservoir "B" Pit, constructed in the early 1960's, is one of two critical inlet control structures for controlling the flow of water into the Wilkes Reservoir. The "B" pit improvement works will address the employee safety requirements, egress requirements, valve replacement, structural/foundation repairs, electrical upgrades, and improve the site/groundwater drainage.

The expected life of this asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: 2001000905

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	435	-	125	125	125	-	-	375	375
Financed by:									
Retained Earnings			125	125	125			375	375

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	125	125	125	-	-	-	375
Financed by:								
Retained Earnings		125	125	125				375

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

In accordance with the City of Winnipeg Asbestos Code of Practice, the Water and Waste Department is initiating its Asbestos Containing Materials Operating and Maintenance Program. Funding is required for professional services including inspections, database development, labelling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Branch I Aqueduct at Seine River - Riverbank Stabilization**

Department: Water and Waste - Capital Priority Rating: 5 - 4
 Waterworks System

Project: 2003xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	200	200	1,000	-	-	-	-	1,000	1,200
Financed by:									
Retained Earnings		200	1,000					1,000	1,200

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	1,000	-	-	-	-	-	1,200
Financed by:								
Retained Earnings	200	1,000						1,200

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Pumping Station and Reservoir) was undertaken for its entire length from 1994 to 1996. A program to assess the stability of the riverbanks adjacent to the Branch I Aqueduct where it crosses the Seine River commenced in early 1997. Downslope movement of the east riverbank has been recorded since that time and internal structural inspections of the Aqueduct has not revealed any distress of the pipe as yet. The recent trend of accelerated riverbank movement continues and the Aqueduct will inevitably be impacted along the east riverbank. Funding is for engineering and construction of riverbank stabilization works to be undertaken before the Aqueduct is impacted.

The expected life of this asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Regional Pumping Stations Reliability Upgrades**

Department: Water and Waste - Capital Priority Rating: 5 - 4
Waterworks System

Project: 2005xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	1,600	750	750	3,100	3,100
Financed by:									
Retained Earnings					1,600	750	750	3,100	3,100

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	1,600	750	750	-	3,100
Financed by:								
Retained Earnings				1,600	750	750		3,100

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The electrical power supply is the primary source of energy to drive the pumps in the drinking water pump stations. Electrical power disruptions have caused the electric pumps to shut down, for protection purposes, which results in reduced water service. A Water Pumping Station Power Reliability Study is currently ongoing and will review and prioritize electrical and control improvements to reduce the effects of electrical power disruptions. A final assessment report was completed and identified a number of required improvements which will be completed in phases according to priority.

The expected life of this asset is 20 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Waterworks System Security Upgrades**

Department: Water and Waste - Capital Priority Rating: 5 - 2

Project: 2001xxxxxy

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	700	500	500	500	500	500	500	2,500	3,000
Financed by:									
Retained Earnings		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	500	500	500	500	500	500	-	3,000
Financed by:								
Retained Earnings	500	500	500	500	500	500		3,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The waterworks system is made up of complex infrastructure that delivers water from Shoal Lake to Winnipeg homes and businesses. Operating the waterworks system is subject to legislation including the Drinking Water Safety Act, Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act, and Environment Act. Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to drinking water quality and public health. Funding is required for increased security measures to adequately protect the waterworks system.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Regulatory Assessment of Water System Infrastructure and Water Supply Sources**

Department: Water and Waste - Capital Priority Rating: 5 - 2
 Waterworks System
 Project: 2001xxxxxy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	750	-	-	-	-	-	-	750
Financed by: Retained Earnings		750						-	750

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	750	-	-	-	-	-	-	750
Financed by: Retained Earnings	750							750

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

A drinking water system Infrastructure Assessment study is required under the Provincial Drinking Water Safety Act. The objective of the report is to carry out an onsite evaluation to identify, analyze, and mitigate any potential adverse health risks and environmental impacts associated with the water system in a "source to tap" methodology. This work will also determine whether the water system's source, facilities, equipment, and operations are effective in producing safe drinking water, and meet the regulations in force.

The scope will also review projected water demands, treatment, and pumping capacities and any anticipated changes to water quality standards. The assessment report must be completed by an independent professional engineer and submitted in 2010.

Infrastructure assessment reports are required on a 5 year reporting frequency.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Arc Flash Hazard Analysis and Remediation**

Department: Water and Waste - Capital Priority Rating: 5 - 3
 Waterworks System

Project: 2001xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	525	-	-	-	-	-	-	525
Financed by:									
Retained Earnings		525						-	525

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	525	-	-	-	-	-	-	525
Financed by:								
Retained Earnings	525							525

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

As part of the Canadian Standards Association Occupational Health and Safety program a new standard entitled Electrical Safety for Industry (CSA Z462) will be adopted within the new Canadian Electrical code. As a result of the new standard a study is required to determine (with the use of the SKM Systems Analysis software) the potential arc flash energy at various distribution points and provide recommendations to reduce these energies. Provision to upgrade equipment to lower fault energies and to provide procurement of personal protective equipment and training is included.

The expected life of this asset is 50 years.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **GIS Database Restructuring and Data Integrity Upgrades**

Department: Water and Waste - Capital Priority Rating: 5 - 2
Waterworks System

Project: 2001xxxxyy Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,110	70	-	-	-	-	-	-	70
Financed by:									
Retained Earnings		70						-	70

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	70	-	-	-	-	-	-	70
Financed by:								
Retained Earnings	70							70

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

In 2005, the Water and Waste Department started an in depth review of the water and sewer Geographical Information System (GIS) database structure. This review will result in the requirement to restructure the various GIS databases, reconfigure the GIS software, perform extensive data clean-up and input new data.

The scope of the project includes the following: 1. Restructure all of the GIS databases tables in Oracle - new features will be added to the data base and redundant features will be removed. The structure of remaining tables will be revised also. This will result in adding and removing tables from the structure as well as revising fields in the remaining tables. Data from other information systems will be amalgamated into the water and sewer GIS database as well. 2. Improve the integrity of the data in GIS - this will result in cleaning up the numerous spelling errors, changing inappropriate data to correct data and filling in blank fields. Field survey work will be required to capture some of the missing data. 3. Input all of the new data into database and revise errors. 4. Staff Training.

Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Environmental Services Laboratory Facility Upgrades**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: 2001002209

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Environmental Standards Division Laboratory Facility is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the North End Water Pollution Control Centre. The existing laboratory space is insufficient with the addition of new staff to conduct laboratory work for the new water treatment plant and the additional wastewater systems. There is a storage room at the NEWPCC of approximately 530 square feet that is available to be upgraded/converted to laboratory space.

The upgrade of this space includes a new HVAC (Heating, Ventilating, and Air Conditioning) system to control air quality, new workstations and bench spaces, a new sample reception/preparation area. The cost identified also includes removal of old duct work and other existing devices, upgrade existing plumbing, and new laboratory equipment including fume hoods, odour control canopies and incubators.

The expected life for this facility is about 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Customer Information and Services System Project (CISS) - Phase 2**

Department: Water and Waste - Capital Priority Rating: 5 - 2

Project: 20100002yy

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	512	1,025	-	-	-	-	1,025	1,537
Financed by:									
Retained Earnings		512	1,025					1,025	1,537

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	512	1,025	-	-	-	-	-	1,537
Financed by:								
Retained Earnings	512	1,025						1,537

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Phase two of the Customer Information and Services System Project (CISS) project will include implementing enhanced functionality of the Oracle Customer Care and Billing system. Components of this phase will include web self-service, meter management and inventory control, enhanced reporting and will allow introduction of cost of service rates and winter cost averaging.

The first phase of the CISS project included \$10,000,000 (split between the Waterworks System Fund and the Sewage Disposal System Fund) for replacing the legacy mainframe based system with a new web based Customer Care and Billing (CCB) system. In order to mitigate risk and ensure a successful project, only the base Oracle functionality was implemented in Phase one.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Cost of Service Rates Study**

Department: Water and Waste -
Waterworks System
Project: 2001002009

Capital Priority Rating: 3 - 2

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	250	150	-	-	-	-	150	400
Financed by:									
Retained Earnings		250	150					150	400

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	250	150	-	-	-	-	-	400
Financed by:								
Retained Earnings	250	150						400

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Municipal Corporate Utility Business Plan**

Department: Water and Waste - Capital Priority Rating: 5 - 2
Waterworks System

Project: 2001002109 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	625	-	-	-	-	-	-	625
Financed by:									
Retained Earnings		625						-	625

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	625	-	-	-	-	-	-	625
Financed by:								
Retained Earnings	625							625

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

In 2008, the City engaged a consultant to investigate the concept of creating a Municipal Corporate Utility. The Public Service has recommended that Council approve the concept of an arm's length, City owned Municipal Corporate Utility.

This project will fund a due diligence process, the creation of a comprehensive business plan and identification of required legislative authorities for establishing a Municipal Corporate Utility. The cost of this study is split 50/50 between the Sewage Disposal System Fund and the Waterworks System Fund.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Watermain Renewals**

Department: Water and Waste -
Waterworks System
Project: 2013000106

Capital Priority Rating: 5 - 2

Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	10,000	10,000	10,000	10,000	10,000	10,000	50,000	60,000
Financed by:									
Watermain Renewal Reserve		7,000	7,000	7,000	7,000	7,000	7,000	35,000	42,000
Retained Earnings		3,000	3,000	3,000	3,000	3,000	3,000	15,000	18,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	10,000	10,000	10,000	10,000	10,000	10,000	-	60,000
Financed by:								
Watermain Renewal Reserve	7,000	7,000	7,000	7,000	7,000	7,000		42,000
Retained Earnings	3,000	3,000	3,000	3,000	3,000	3,000		18,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

This project is a continuing program to replace and/or rehabilitate deteriorating watermain infrastructure. Funding is used for watermain replacement, cathodic protection, valve and hydrant replacement/rehabilitation, correction of dead end mains, upgrading of substandard mains, watermain studies, assessments, and hydraulic improvements for fire protection purposes. Additional funding from Retained Earnings was added to the program due to the significant escalation of construction costs over the last few years. The expected remaining life of each rehabilitated watermain ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Aqueduct Asset Preservation**

Department: Water and Waste - Capital Priority Rating: 5 - 3
Waterworks System

Project: 2003000706 Service: Water

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,750	300	600	600	1,000	-	-	2,200	2,500
Financed by:									
Retained Earnings			600	600	1,000			2,200	2,200
Aqueduct Rehabilitation Reserve		300						-	300

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	300	600	600	1,000	-	-	-	2,500
Financed by:								
Retained Earnings		600	600	1,000				2,200
Aqueduct Rehabilitation Reserve	300							300

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Shoal Lake Aqueduct, which has been in continuous service since 1919, delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition and rehabilitation of the Aqueduct commenced in 1988 and was substantially completed in 2004. While the Aqueduct rehabilitation project has resulted in an increase of the Aqueduct's service life by 50 years, ongoing monitoring and inspection programs will identify future works.

Works which have been identified include the rehabilitation of drainage siphons crossing the Aqueduct, replacement of corroded boathouse access doors and broken Aqueduct vent pipes, re-establishment of a boathouse in proximity of the Whitemouth River and condition inspection and cleaning of the Aqueduct underdrain.

During the rehabilitation of the Aqueduct, an inventory of specialized and costly inspection and maintenance equipment was assembled which will continue to be utilized in the ongoing inspection and maintenance of the Aqueduct. This equipment requires a dedicated and secure storage facility to ensure its functionality and availability.

The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Lift Stations Upgrading**

Department: Water and Waste - Capital Priority Rating: 5 - 4
 Sewage Disposal

Project: 2035000106 Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	750	750	750	750	750	750	3,750	4,500
Financed by:									
Retained Earnings		750	750	750	750	750	750	3,750	4,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	750	750	750	750	750	750	-	4,500
Financed by:								
Retained Earnings	750	750	750	750	750	750		4,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour, and aesthetic problems as required for the 95 lift stations and associated forcemains, gate chambers, and related works in the sewage collection system. For maximum effectiveness the program must be on a planned and continuous basis.

The Water and Waste Department has determined that the level of funding to maintain the existing lift stations is estimated at \$750,000 per year. Due to the cyclical nature of maintenance requirements, the program is assessed on an annual basis and budget requirements may be adjusted in the future according to need.

The expected life of this asset is 50 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Inflow / Infiltration / Cross-Connection Study and Mitigation**

Department: Water and Waste - Capital Priority Rating: 3 - 3

Project: 2041000106

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	3,250	-	-	-	-	-	2,000	2,000	2,000
Financed by:									
Retained Earnings							2,000	2,000	2,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	-	-	2,000	-	2,000
Financed by:								
Retained Earnings						2,000		2,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

This project involves locating and identifying sources of extraneous inflow and infiltration (I&I) entering the wastewater sewer system, and implementing mitigative measures to reduce the I&I such that basement flooding is minimized during high river levels and emergency discharges are minimized under wet weather conditions. Extraneous inflows from groundwater, snowmelt, and rainfall events place an additional stress on the wastewater treatment 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. Areas of the City will also be identified where land drainage sewer system cross-connections may exist with the wastewater sewer system that can be significant sources of I&I under high river levels or wet weather.

In addition to this, as of 1990, new homes are required to have sump pumps and pits to collect foundation drainage and then discharge this clean water onto the home owners land. The intent was to remove this large source of extraneous flow from reaching the wastewater treatment plants. It has been found, however, that some home owners have illegally connected sump pumps to their wastewater sewer service. Part of this study will investigate the extent of this practice and make recommendations of appropriate measures including public education and communication to rectify the situation. Areas where other sources of extraneous I&I are suspected will be investigated.

The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Sewer System Isolation in Areas Protected by Secondary Dikes**

Department: Water and Waste -
Sewage Disposal
Project: 2030000206

Capital Priority Rating: 3 - 3

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	500	-	-	500	1,000	1,000	-	2,500	2,500
Financed by:									
Retained Earnings				500	1,000	1,000		2,500	2,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	500	1,000	1,000	-	-	2,500
Financed by:								
Retained Earnings			500	1,000	1,000			2,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project involves isolating the sewer system in areas protected by secondary dikes from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. Installation of gate valves on the house sewer connection;
2. Installation of sump pits and pumps and backwater valves in each property, or;
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

The expected life of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Raw Sewage Pump Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 3
 Sewage Disposal

Project: 2031xxxxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	3,600	-	2,550	-	-	-	-	2,550	2,550
Financed by: Retained Earnings			2,550					2,550	2,550

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	2,550	-	-	-	-	-	2,550
Financed by: Retained Earnings		2,550						2,550

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The largest raw sewage pumps (700 hp) at the NEWPCC were installed in 1963. Due to obsolescence, repair parts are difficult to obtain and may have to be hand fabricated. Failure of one of these pumps would reduce firm capacity by 22% and could result in raw sewage bypassing treatment. Funding shown will be for the engineering, design, supply, and installation of two variable speed motors and pumps.

The expected life of this asset is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Waverley West Interceptor Sewer**

Department: Water and Waste - Capital Priority Rating: 5 - 2
 Sewage Disposal

Project: 2037000906 Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	4,480	4,600	-	-	-	-	-	-	4,600
Financed by:									
Retained Earnings		4,600						-	4,600

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	4,600	-	-	-	-	-	-	4,600
Financed by:								
Retained Earnings	4,600							4,600

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The funds are for engineering design and construction of an extension of the Fort Garry Interceptor from its present terminus at Bishop Grandin Boulevard and the southerly projection of Dovercourt Drive, and through the wastewater sewer system along Killarney Avenue.

The Interceptor sewer extension will provide regional servicing for projected development within the area bounded by Bishop Grandin Boulevard on the north, the Perimeter Highway on the south, Waverley Street on the east, and the City Limits on the west.

Planning level analysis indicates that the St. Mary's Interceptor may not have the hydraulic capacity to safely convey wet weather flows (WWF) from the service area to the South End Water Pollution Control Centre (SEWPCC). The need for a river crossing to provide the supplemental hydraulic capacity during WWF to protect against the possibility of basement flooding and minimize emergency discharges are under review as part of the South End Inflow and Infiltration Study and the Combined Sewer Overflow Mitigation Program. The outcome of the study and program will help determine the need and costs should a river crossing be deemed necessary.

The expected life of this asset is over 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Upgrading External Power Supply - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 2
Sewage Disposal

Project: 2031xxxxxy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	6,000	-	-	6,000	6,000
Financed by: Retained Earnings					6,000			6,000	6,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	6,000	-	-	-	6,000
Financed by: Retained Earnings				6,000				6,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The NEWPCC currently has two independent power supplies which are both capable of supplying the entire NEWPCC power requirement. In the event of a power failure to one supply, the plant will continue to operate on the other supply.

If any additional treatment processes are added to the plant, this fully redundant power supply will be compromised. Effluent disinfection was added to the NEWPCC in 2006 and has been accommodated by its own separate power supply.

Future biological nutrient reduction processes will have relatively high power requirements and will increase the plant power requirement beyond the current capacity of either of the two supplies. In anticipation of centrate and/or nutrient removal at the NEWPCC the existing power supplies must be assessed and upgraded.

The life expectancy of this asset is 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres**

Department: Water and Waste -
Sewage Disposal
Project: 2033xxxxxy

Capital Priority Rating: 5 - 3

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	3,800	2,150	-	-	-	-	-	-	2,150
Financed by: Retained Earnings		2,150						-	2,150

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	2,150	-	-	-	-	-	-	2,150
Financed by: Retained Earnings	2,150							2,150

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The West End Pollution Control Centre (WEWPCC) accepted waste from septic haulers as a disposal facility at the Perimeter Road Pumping Station. The design consultants for the WEWPCC Biological Nutrient Removal facility have recommended that this practice be stopped. On December 1, 2005, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred with the recommendation. As of July 1, 2007, septage was no longer accepted at the WEWPCC and the septage receiving facility at the WEWPCC was closed. This project is to provide increased capacity at the other two facilities (North and South End Water Pollution Control Centres).

The name of this project has been revised from Septage Acceptance Facility - Wastewater Pollution Control Centres to Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres. The funding in 2008 and 2009 will be used to design and construct upgraded hauled liquid waste acceptance facilities at both the North and South End Water Pollution Control Centres and including provisions for landfill leachate acceptance at the NEWPCC.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Re-Roofing at Water Pollution Control Centres**

Department: Water and Waste -

Capital Priority Rating: 5 - 2

Project: 2030001006

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	-	400	-	400	-	400	1,200	1,200
Financed by:									
Retained Earnings			400		400		400	1,200	1,200

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	400	-	400	-	400	-	1,200
Financed by:								
Retained Earnings		400		400		400		1,200

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Various Water Pollution Control Centre buildings require re-roofing because their existing roofing has exceeded their functional life and are in need of frequent repair and servicing. Mechanical equipment and controls contained in these facilities require that the superstructures be adequately maintained to protect its components. Re-roofing in a timely and proactive manner will maximize the functional life of the facilities, protect the mechanical and control components contained in the facilities, and prevent structural damage to the facilities as a result of water leakage undergoing freeze-thaw cycles. The funding for this ongoing program includes engineering, design, and re-roofing construction.

The expected life of this asset is 30 years.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Centrifuge Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
 Project: 2031xxxxyy

Capital Priority Rating: 5 - 4

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	9,500	-	-	-	9,500	9,500
Financed by: Retained Earnings				9,500				9,500	9,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	9,500	-	-	-	-	9,500
Financed by: Retained Earnings			9,500					9,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The centrifuge units de-water digested sludge produced as a by-product of wastewater treatment processes. Furthermore, as the sludge produced at the South End and the West End Water Pollution Control Centres is processed at NEWPCC, these units are critical to the treatment process at these plants as well. There are 6 units that are subject to intense mechanical wear, are 17 years old, and are failing with increasing frequency. For construction, operation, and maintenance reasons, these units must be identical to each other, and as such must be purchased simultaneously, or phased over 2 years maximum.

The life expectancy of this asset is 15 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **River Crossings Monitoring and Rehabilitation**

Department: Water and Waste -

Capital Priority Rating: 5 - 4

Project: Sewage Disposal
2036000706

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	7,000	2,300	1,300	1,300	1,300	1,300	1,300	6,500	8,800
Financed by:									
Retained Earnings		2,300	1,300	1,300	1,300	1,300	1,300	6,500	8,800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	2,300	1,300	1,300	1,300	1,300	1,300	-	8,800
Financed by:								
Retained Earnings	2,300	1,300	1,300	1,300	1,300	1,300		8,800

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

This project is for the rehabilitation and/or replacement of forcemain river crossings and for the installation of leak detection equipment on the existing waterway crossings.

The Department has completed a risk assessment of all river crossings in order to determine a prioritization plan to upgrade and replace any at risk river crossings as required by Environmental Licences issued by the Province of Manitoba for the wastewater collection system in the City of Winnipeg.

These funds will also be used to install continuous leak detection monitoring equipment at all river crossings as required by the Provincial Environmental License. The Department is currently undertaking a pilot program to evaluate and determine methods to meet this requirement.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

Department: Water and Waste -

Capital Priority Rating: 5 - 3

Project: 2030000905

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	495	-	125	125	125	-	-	375	375
Financed by:									
Retained Earnings			125	125	125			375	375

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	125	125	125	-	-	-	375
Financed by:								
Retained Earnings		125	125	125				375

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In accordance with the City of Winnipeg Asbestos Code of Practice, the Water and Waste Department is initiating its Asbestos Containing Materials Operating and Maintenance Program. Funding is required for professional services including inspections, database development, labelling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Digester Area Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste -
Sewage Disposal

Capital Priority Rating: 5 - 4

Project: 2031xxxxyy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	600	-	900	-	-	-	-	900	900
Financed by: Retained Earnings			900					900	900

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	900	-	-	-	-	-	900
Financed by: Retained Earnings		900						900

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Process equipment in the digester area is over 40 years old and some components are failing with increasing frequency and have reached their useful life. Six digester gas compressor units are used to recirculate biogas in the sludge treatment process. The six sludge heat exchanger units are used to maintain the sludge temperature in the digesters and are critical components in the sludge treatment process. The compressors and the heat exchangers are identical and for construction, operation, and maintenance purposes, their replacements must be acquired simultaneously to ensure that the new equipment is identical.

The life expectancy of this asset is 20 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Water Pollution Control Centre Reliability Upgrades**

Department: Water and Waste - Capital Priority Rating: 5 - 4

Project: 20310010yy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	21,900	-	5,000	5,000	-	5,000	5,000	20,000	20,000
Financed by:									
Retained Earnings			5,000	5,000		5,000	5,000	20,000	20,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	5,000	5,000	-	5,000	5,000	-	20,000
Financed by:								
Retained Earnings		5,000	5,000		5,000	5,000		20,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

A risk and criticality assessment of the City's three water pollution control centres has been undertaken. The assessment outlined required improvements to the existing systems to increase their reliability. The program will address the improvements which affect mechanical, electrical, and structural components at all three water pollution control centres.

The expected life of the structure upgrades is 50 years and the expected life of the mechanical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater System Security Upgrades**

Department: Water and Waste -

Capital Priority Rating: 5 - 2

Project: Sewage Disposal
2030xxxxxy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The wastewater system is made up of complex infrastructure of sewers and pumping stations that convey sewage from Winnipeg homes and businesses to one of three wastewater treatment plants. Operation of the wastewater system is subject to legislation including the City By-laws, Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act, and Environment Act. Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to the environment, public health and safety. Funding is required for increased security measures to adequately protect the wastewater system.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **HVAC Replacement - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste -
Sewage Disposal
Project: 2030xxxxxy

Capital Priority Rating: 5 - 2

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	1,000	-	-	-	4,000	5,000	9,000	10,000
Financed by: Retained Earnings		1,000				4,000	5,000	9,000	10,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,000	-	-	-	4,000	5,000	-	10,000
Financed by: Retained Earnings	1,000				4,000	5,000		10,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Currently all HVAC (Heating, Ventilating, and Air Conditioning) equipment at the WEWPCC is approximately 15 years old, which, based on information provided by the equipment suppliers, is the normal life expectancy of the majority of HVAC equipment at the WEWPCC. Most of this equipment operates continuously and in a severe duty application due to the off-gases resulting from the treatment processes.

In 2006 a mechanical condition and air balancing assessment was performed at the WEWPCC. It was determined that most of the HVAC equipment requires replacement and/or maintenance, and that there are several air balance issues that need to be corrected to maintain proper pressure relationships between classified and unclassified areas. It was also noted that some existing equipment is operating at near maximum capacity and will need to be re-sized. The total estimate for all work is \$15,000,000. The work is to be completed in stages starting in 2013.

The expected life of this asset is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Traffic Safety Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: Sewage Disposal 2031xxxxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	200	-	-	-	1,800	-	1,800	2,000
Financed by: Retained Earnings		200				1,800		1,800	2,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	-	-	-	1,800	-	-	2,000
Financed by: Retained Earnings	200				1,800			2,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The 1990 dewatering expansion at NEWPCC considered the need for traffic lights on Main street at the exit due to the increase in large (WB-20, 30 KL, 6 - axle) 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.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Holding Tanks Coating - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
 Project: 2031xxxxxy

Capital Priority Rating: 5 - 2
 Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	100	-	-	-	2,550	-	2,550	2,650
Financed by: Retained Earnings		100				2,550		2,550	2,650

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	100	-	-	-	2,550	-	-	2,650
Financed by: Retained Earnings	100				2,550			2,650

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The four original digesters at the NEWPCC, built in the mid 30's, are now used as digested sludge holding tanks, and are essential to the operation of the digested sludge dewatering facility, which serves all three of the City's wastewater treatment plants. The 75+ year old interior concrete walls are subject to corrosive gases and the interior wall and ceiling have deteriorated to the point where reinforcing steel is exposed in some areas. Assessment by qualified experts followed by rehabilitation and application of a sealant and/or coating is required to assure continued functionality of these tanks and avoid the expense of complete rebuilding.

The expected life of this asset is over 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: 2031xxxxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	-	-	19,600	-	19,600	19,600
Financed by: Retained Earnings						19,600		19,600	19,600

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	-	-	19,600	-	-	19,600
Financed by: Retained Earnings					19,600			19,600

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The three uncovered primary clarifiers at the NEWPCC have been identified as one of the remaining untreated odour sources at the site. The original Primary Clarifier Cover project, first introduced into the 1992 Capital Budget Adopteds forecast was set up to implement a cover/ventilation system which would facilitate year round maintenance and operational flexibility and provide odour control capability. The project scope of work and the budget were expanded to include replacement of the clarifier sweep mechanisms which have reached the end of their expected design/service life.

Due to several factors that amounted to a significant increase in the capital funding required to complete the project, the Department recommended a deferral of the clarifier covering portion of the project.

On July 18, 2007, Council approved and the adopted the following:

"That the scope of work for this project be amended to include only the replacement of the sweep mechanisms and their associated mechanical and electrical equipment and that the cover portion of the project not be delayed, with Administration reporting back to the Standing Policy Committee on Infrastructure Renewal and Public Works on the clarifier cover system expenditure."

The work required on the NEWPCC Clarifiers is now separated into two individual Projects: "Primary Clarifier Refurbishment" for the sweep mechanisms and their associated mechanical and electrical equipment and "Primary Clarifier Covers" for the facilitation of year round maintenance and odour control capability. The budget originally established for work required for the Clarifier Covers was developed in 2003. Recent construction cost increases averaging 15% per year, a better understanding of the required work and changes to the National Building Code have resulted in a new estimated cost of \$19,600,000.

The expected life of this asset is over 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Wastewater Utility Asset Management Strategy**

Department: Water and Waste -
Sewage Disposal
Project: 2030000609

Capital Priority Rating: 5 - 2

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	200	200	200	-	-	-	-	200	400
Financed by:									
Retained Earnings		200	200					200	400

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	200	-	-	-	-	-	400
Financed by:								
Retained Earnings	200	200						400

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Asset management principles are being utilized for various projects in the wastewater utility. However, development of an asset management strategy is required to define goals, objectives and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the wastewater utility. The asset management strategy will identify, prioritize and establish the future direction of condition assessments, establish deterioration / life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

The expected life of this asset is over 50 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **GIS Database Restructuring and Data Integrity Upgrades**

Department: Water and Waste -
Sewage Disposal

Capital Priority Rating: 5 - 2

Project: 20400003yy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,110	70	-	-	-	-	-	-	70
Financed by:									
Retained Earnings		70						-	70

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	70	-	-	-	-	-	-	70
Financed by:								
Retained Earnings	70							70

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

In 2005, the Water and Waste Department started an in depth review of the water and sewer Geographical Information System (GIS) database structure. This review will result in the requirement to restructure the various GIS databases, reconfigure the GIS software, perform extensive data clean-up and input new data.

The scope of the project includes the following: 1. Restructure all of the GIS databases tables in Oracle - new features will be added to the data base and redundant features will be removed. The structure of remaining tables will be revised also. This will result in adding and removing tables from the structure as well as revising fields in the remaining tables. Data from other information systems will be amalgamated into the water and sewer GIS database as well. 2. Improve the integrity of the data in GIS - this will result in cleaning up the numerous spelling errors, changing inappropriate data to correct data and filling in blank fields. Field survey work will be required to capture some of the missing data. 3. Input all of the new data into database and revise errors. 4. Staff Training.

Additional funding was added in 2009 to complete the work identified in the scope.

Funding for this project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Laboratory Facility Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste -
Sewage Disposal

Capital Priority Rating: 5 - 3

Project: 2030002209

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	150	-	-	-	-	-	-	150
Financed by: Retained Earnings		150						-	150

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	150	-	-	-	-	-	-	150
Financed by: Retained Earnings	150							150

NET OPERATING IMPACT	2008	2009	2010
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The Environmental Standards Division Laboratory Facility is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the North End Water Pollution Control Centre. The existing laboratory space is insufficient with the addition of new staff to conduct laboratory work for the new water treatment plant and the additional wastewater systems. There is a storage room at the NEWPCC of approximately 530 square feet that is available to be upgraded/converted to laboratory space.

The upgrade of this space includes a new HVAC (Heating, Ventilating, and Air Conditioning) system to control air quality, new workstations and bench spaces, a new sample reception/preparation area. The cost identified also includes removal of old duct work and other existing devices, upgrade existing plumbing, and new laboratory equipment including fume hoods, odour control canopies and incubators.

The expected life for this facility is about 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Customer Information and Services System project (CISS) - Phase 2**

Department: Water and Waste -
Sewage Disposal
Project: 2040002yy

Capital Priority Rating: 5 - 2

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	512	1,025	-	-	-	-	1,025	1,537
Financed by:									
Retained Earnings		512	1,025					1,025	1,537

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	512	1,025	-	-	-	-	-	1,537
Financed by:								
Retained Earnings	512	1,025						1,537

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Phase two of the Customer Information and Services System Project (CISS) project will include implementing enhanced functionality of the Oracle Customer Care and Billing system. Components of this phase will include web self-service, meter management and inventory control, enhanced reporting and will allow introduction of cost of service rates and winter cost averaging.

The first phase of the CISS project included \$10,000,000 (split between the Waterworks System Fund and the Sewage Disposal System Fund) for replacing the legacy mainframe based system with a new web based Customer Care and Billing (CCB) system. In order to mitigate risk and ensure a successful project, only the base Oracle functionality was implemented in Phase one.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Cost of Service Rates Study**

Department: Water and Waste -
Sewage Disposal
Project: 2030002009

Capital Priority Rating: 3 - 2

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	250	150	-	-	-	-	150	400
Financed by:									
Retained Earnings		250	150					150	400

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	250	150	-	-	-	-	-	400
Financed by:								
Retained Earnings	250	150						400

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **New Discharge Chamber - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: Sewage Disposal 203100xyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	500	-	-	15,000	-	-	15,000	15,500
Financed by: Retained Earnings		500			15,000			15,000	15,500

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	500	-	-	15,000	-	-	-	15,500
Financed by: Retained Earnings	500			15,000				15,500

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The discharge chamber and related appurtenances were part of a major plant expansion in 1963. Due to age, wear, and the corrosive environment, extensive deterioration of this asset is evident. Funding in 2009 will be for an engineering assessment of the condition and capacity of the discharge chamber and the conduit from the discharge chamber to the grit building. Funding in 2012 will be for the design and construction of a second discharge chamber and will be dependent on the outcome of the condition assessment.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **New Surgewell - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste -

Capital Priority Rating: 5 - 3

Project: 203100xyy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	1,000	4,000	9,000	-	-	-	13,000	14,000
Financed by:									
Retained Earnings		1,000	4,000	9,000				13,000	14,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,000	4,000	9,000	-	-	-	-	14,000
Financed by:								
Retained Earnings	1,000	4,000	9,000					14,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The surgewell and related appurtenances were part of the original plant construction in 1936. Due to age, wear, and the corrosive environment, extensive deterioration of this asset is evident. In addition to constructing a new surgewell, consideration will be given to upgrading the on-site interceptors and pump suction header system to improve control of raw sewage inflows and provide redundancy for the plant inflow systems.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Grit Handling Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 3

Project: Sewage Disposal 203100xxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	-	11,700	-	-	-	11,700	11,700
Financed by: Retained Earnings				11,700				11,700	11,700

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	-	11,700	-	-	-	-	11,700
Financed by: Retained Earnings			11,700					11,700

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Funds included are for the engineering and construction of a new grit collection and handling system in the Grit Removal building at the NEWPCC. Phase 1 of this project saw tank geometry and the air flow system upgraded in 2008. Phases 2 and 3 will include supply and installation of a grit collection, removal and classification system into the four grit tanks and Phase 4 will include the replacement of the grit conveyor system.

The expected life of this asset is 50 years and the expected life of the mechanical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Municipal Corporate Utility Business Plan and Strategic Partner Development**

Department: Water and Waste -
Sewage Disposal

Capital Priority Rating: 5 - 2

Project: 2030002109

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	3,625	-	-	-	-	-	-	3,625
Financed by: Retained Earnings		3,625						-	3,625

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	3,625	-	-	-	-	-	-	3,625
Financed by: Retained Earnings	3,625							3,625

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

In 2008, the City engaged a consultant to investigate the concept of creating a Municipal Corporate Utility. The Public Service has recommended that Council approve the concept of an arm's length, City owned Municipal Corporate Utility and the procurement of a Strategic Partner for the wastewater treatment plant upgrades.

This project will fund a due diligence process, the creation of a comprehensive business plan and identification of required legislative authorities for establishing a Municipal Corporate Utility. The cost of this study is split 50/50 between the Sewage Disposal System Fund and the Waterworks System Fund.

This project will also fund the strategic partner procurement process in the amount of \$3 million, including contracting the required legal, technical, and financial expertise. The procurement process is fully funded by the Sewage Disposal System Fund.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Environmental Impact Statement and Public Hearings**

Department: Water and Waste -

Capital Priority Rating: 5 - 4

Project: Sewage Disposal
2034xxxxxy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,100	100	100	200	200	100	100	700	800
Financed by:									
Environmental Reserve		100	100	200	200	100	100	700	800

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	100	100	200	200	100	100	-	800
Financed by:								
Environmental Reserve	100	100	200	200	100	100		800

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Upon completion of the 2003 regulatory hearings of the Clean Environment Commission (CEC), it has been recommended and the Province has adopted that a further regulatory review be undertaken in two (2) years and then every three (3) years thereafter.

Ongoing works to satisfy regulatory requirements will require documentation, monitoring, and support to demonstrate that the construction and operation of the completed projects relating to the CEC recommendations and as required as a condition of tripartite funding are meeting compliance terms and conditions.

Budgeted funds are for environmental assessment related studies/reports, public participation, regulatory liaison site specific assessments, monitoring and analysis, and future representation at hearings expected in the 2008 to 2013 horizon.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation**

Department: Water and Waste - Capital Priority Rating: 5 - 2
 Sewage Disposal

Project: 20380001yy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	20,228	7,000	8,000	9,000	9,000	10,000	10,000	46,000	53,000
Financed by: Environmental Reserve		7,000	8,000	9,000	9,000	10,000	10,000	46,000	53,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	7,000	8,000	9,000	9,000	10,000	10,000	-	53,000
Financed by: Environmental Reserve	7,000	8,000	9,000	9,000	10,000	10,000		53,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

It is the intent to create a multi-year combined sewer master implementation plan developing both a specific CSO reduction program and expanding and integrating that program with other current programs including:

- Basement flooding relief
- Sewer Condition Assessment and Condition Upgrading
- Pollution Control Centre Upgrading Programs

The Combined Sewer Overflow Master Implementation Plan needs to develop specific strategies for implementation that provide clear direction on the ramifications of policy and the technical requirements to meet regulatory compliance. The plan must consider: 2003 CEC Hearings recommendations; Manitoba Conservation Guidance and Priorities; consistency with prevailing international practice; understanding of benefits and costs; fiscal responsibility and environmental stewardship; initiation of near-term actions to reduce CSO's; and confirmation of long-range control program.

The Clean Environment Commission (CEC) has recommended that the City reduce the average number of overflows to 4 per year within a 20 to 25 year timeframe.

Funds budgeted are for the development of a CSO Master Implementation plan, technical and economic analyses, program development, staging of mitigation works, annual monitoring programs, pilot studies, land acquisition, integration with overlapping programs, and initiation and implementation of control measures, including SCADA.

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 sewers is 50 years, mechanical components is 25 years and SCADA system is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Biosolids - Alternative Disposal Delivery & Management System**

Department: Water and Waste -

Capital Priority Rating: 5 - 3

Project: Sewage Disposal
20310004yy

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	1,730	4,350	-	14,955	12,191	11,325	18,179	56,650	61,000
Financed by:									
Environmental Reserve		4,350		14,955	12,191	11,325	11,314	49,785	54,135
External Debt							6,865	6,865	6,865

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	4,350	-	14,955	12,191	11,325	18,179	-	61,000
Financed by:								
Environmental Reserve	4,350		14,955	12,191	11,325	11,314		54,135
External Debt						6,865		6,865

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The City of Winnipeg is reviewing its current land application practices of Biosolids relative to regulation requirements, emerging requirements associated with nutrient management regulations, changes to quantity and quality from upgraded wastewater treatment plants, and risk and criticality assessments done at all three plants. The City will have to implement alternate sludge management and disposal methods as result of the Provincial Nutrient Management Act. The current WINGRO management program will need to be modified in order to be sustainable and as such will require significant capital investment and transition time to effectively implement the required changes. Funds included are for engineering study and design and construction of alternatives to current sludge management and disposal methods.

The expected life of the facility is 50 years and the expected life of the mechanical components is 25 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Effluent Disinfection and Nutrient Removal - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 4
Sewage Disposal

Project: 2033xxxxxy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	35,273	4,190	-	-	-	-	-	-	4,190
Financed by: External Debt		4,190						-	4,190

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	4,190	-	-	-	-	-	-	4,190
Financed by: External Debt	4,190							4,190

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

In August 2005, an Environment Act Licence was issued to the City which imposed effluent limits of 1 mg/L phosphorus, 15 mg/L nitrogen, and 200 MPN of fecal coliforms. The upgrades required to meet the nutrient limits are underway through the construction of a Biological Nutrient Removal (BNR) facility which was started in September 2006 and is expected to be completed in October 2008. The design of a disinfection facility to meet the coliform limits on a year round basis has been completed and the cost of this facility has been estimated, however, the actual construction of this facility has been deferred pending a review of a less costly option.

The required funding in 2009 is based on the consultant's latest cost estimate to complete the BNR facility and to build the disinfection facility as currently designed.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Nutrient Removal / Expansion - South End Water Pollution Control Centre (SEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 4

Project: 2032xxxxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	66,250	73,000	64,000	-	-	-	-	64,000	137,000
Financed by:									
Canada Strategic Infrastructure Fund - Federal		6,000	8,035					8,035	14,035
Canada Strategic Infrastructure Fund - Provincial		14,608	10,392					10,392	25,000
External Debt		46,525	48,865					48,865	95,390
Prior Years' Authorized External Debt		5,867						-	5,867
Transfer to General Capital Fund			(3,292)					(3,292)	(3,292)

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	73,000	64,000	-	-	-	-	-	137,000
Financed by:								
Canada Strategic Infrastructure Fund - Federal	6,000	8,035						14,035
Canada Strategic Infrastructure Fund - Provincial	14,608	10,392						25,000
External Debt	46,525	48,865						95,390
Prior Years' Authorized External Debt	5,867							5,867
Transfer to General Capital Fund		(3,292)						(3,292)

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

This project includes the Amalgamation of the High River Level (Flood) Protection - SEWPCC, Capacity Study/Preliminary Engineering - SEWPCC and Nutrient Removal - SEWPCC projects into one overall comprehensive program for the expansion and upgrading of the SEWPCC.

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

The population serviced by SEWPCC is growing rapidly and will necessitate a major expansion of the SEWPCC plant within 5 years to maintain the current level of secondary treatment and effluent quality. Upgrade requirements for conventional plant expansion in response to increased population, nutrient reduction at the wastewater treatment plants must be considered jointly for process design reasons and costs. The most cost effective method to address both environmental issues is Biological Nutrient Removal (BNR) of N and P. The 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.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Nutrient Removal / Expansion (SEWPCC) Cont'd

Funds have been included to enable completion of the plant expansion by December 2012 as required by the Environment Act License.

The current funding requirement is based on very preliminary engineering and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Nutrient Removal - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Capital Priority Rating: 5 - 4

Project: 2031xxxxyy Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	14,500	-	21,000	150,000	150,000	65,000	-	386,000	386,000
Financed by: External Debt			21,000	150,000	150,000	65,000		386,000	386,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	21,000	150,000	150,000	65,000	-	-	386,000
Financed by: External Debt		21,000	150,000	150,000	65,000			386,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

Upon completion of the 2003 Regulatory Hearings of the Clean Environment Commission regarding license review of the wastewater treatment plants, it was learned that nutrient control for all three Pollution Control Centres is a high priority for the Province of Manitoba. The main concern relates to the excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg and the associated undesirable blooms of blue-green algae.

The upgrade requirements for ammonia and/or nutrient reduction at the wastewater treatment plants must be considered jointly. The most cost effective method to address both issues is Biological Nutrient Removal (BNR) of N and P. The implementation of BNR will require a major plant expansion and double the size of the current facility. Best practicable performance of BNR is anticipated to achieve a final effluent with total P and N concentrations of about 1 mg/L and 15 mg/L, respectively. Due to the timing and magnitude of the costs, a portion of the project will need to be debt financed if it is to be implemented within the next ten years.

The impact of changes in sludge quantity and quality resulting from BNR process upgrades will have a large impact on solids handling and land applications. The addition of wet weather treatment processes associated with combined sewer overflow (CSO) control must be considered in the overall BNR process design and operation effluent disinfection for wet weather.

The required funding is based on meeting expected effluent limits on a rolling 30 day average basis. These limits are contained in an Environment Act License issued for this facility. Funding is being requested to allow for completion of the plant expansion by December 2014. Additional funds may be required and will be identified in succeeding years capital budgets.

The current funding requirement is based on very preliminary engineering and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Sewer Renewal**

Department: Water and Waste -
Sewage Disposal
Project: 2039xxxxyy

Capital Priority Rating: 5 - 2

Service: Wastewater

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	N/A *	15,600	12,600	12,600	12,600	12,600	12,600	63,000	78,600
Financed by:									
Sewer System Rehabilitation Reserve		12,600	12,600	12,600	12,600	12,600	12,600	63,000	75,600
Retained Earnings		3,000						-	3,000

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	15,600	12,600	12,600	12,600	12,600	12,600	-	78,600
Financed by:								
Sewer System Rehabilitation Reserve	12,600	12,600	12,600	12,600	12,600	12,600		75,600
Retained Earnings	3,000							3,000

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

This project is a continuing program to replace and/or rehabilitate sewer infrastructure. Funds will be utilized to rehabilitate or replace combined, separate wastewater and land drainage sewers. Sewers will be replaced or rehabilitated using appropriate technologies, based on condition assessment determined through video inspection. A portion of the funding will be used for condition assessment. The expected remaining life of each rehabilitated sewer ranges from 20 to 100 years, depending on the rehabilitation technology and the asset condition.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Summit Landfill Closure / Post-Closure**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 2

Project: Waste Disposal
2060xxxxxy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	950	200	400	400	400	-	-	1,200	1,400
Financed by:									
Retained Earnings		200	400	400	400			1,200	1,400

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	400	400	400	-	-	-	1,400
Financed by:								
Retained Earnings	200	400	400	400				1,400

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

In compliance with the closure/post closure plan for the former Summit Road landfill site, there is a requirement to apply additional final cover over the site and to carry out final grading, drainage control, and vegetative cover. The additional cover and grading/drainage control, and vegetative cover will restrict infiltration of precipitation into the site reducing leachate (landfill liquids) production. This reduces the amount of leachate that needs to be pumped and treated from this site. There is also a requirement to secure this site from unauthorized access. The costs identified include acquiring fill for final cover, grading/drainage control, fencing, plantings, and signage, including associated engineering.

The expected life of this facility is 50 years.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Miscellaneous Land Acquisition**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 2

Project: Waste Disposal
2061xxxxxy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	100	350	-	-	-	-	200	200	550
Financed by:									
Retained Earnings		350					200	200	550

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	350	-	-	-	-	200	-	550
Financed by:								
Retained Earnings	350					200		550

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

With the 34 closed landfills in the City, there are occasions when there is a benefit to acquiring lands in proximity of these sites to provide additional buffer zones to minimize any impacts on adjacent private lands. There are also occasions when acquiring land would be beneficial to long term control, use, drainage works, or rehabilitation of a site. The cost identified includes the cost of acquiring land with associated administration costs.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Organics Diversion Program Expansion**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 2

Project: Waste Disposal
206xxxxxy

Service: Solid Waste Collection and Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Retained Earnings		200						-	200

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	200	-	-	-	-	-	-	200
Financed by:								
Retained Earnings	200							200

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The City currently operates the Leaf-if with Us and Waste Organics Collection Program for six weeks in the fall at 10 depots. This capital project upgrades the sites to allow a spring collection program, and relocates 3 sites that conflict with other activities. Organics collection has certain environmental benefits, including the saving of landfill space, and the associated green house gas (GHG) reduction benefits, however there are increases in GHG emissions due to increased driving and hauling requirements by program users.

The expected life of this facility is 10 years.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Environmental Act Licence for Brady Landfill**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 2

Project: Waste Disposal

2062xxxxxy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	400	-	-	-	-	400	400
Financed by:									
Retained Earnings			400					400	400

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	400	-	-	-	-	-	400
Financed by:								
Retained Earnings		400						400

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

The City must update the "grandfathered" operating permit for Brady Road Landfill with the required environmental license under current Manitoba Conservation regulations. The City will be required to conduct an Environmental Impact Assessment (EIA) and will also include a public review process as part of obtaining an environmental license.

The expected life of this asset is 100 years.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Brady Landfill Staff Building**

Department: Water and Waste - Solid
Waste Disposal

Capital Priority Rating: 3 - 2

Project: 2062xxxxxy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	1,250	-	-	-	-	-	-	1,250
Financed by:									
Retained Earnings		1,250						-	1,250

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	1,250	-	-	-	-	-	-	1,250
Financed by:								
Retained Earnings	1,250							1,250

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The Brady Road Landfill currently uses a modified 32-year old construction trailer as its site office, lunchroom, and training area. A 35-year old former scale building has been converted for use as a washroom, locker room, and mechanical shop. Given the age and condition of these buildings, and the remaining site life for Brady Road Landfill of 100-150 years, a new staff building is warranted. The cost identified includes a new 380 square meter staff building complete with offices, washrooms, a locker room, training/meeting/visitor reception room, and mechanical shop.

The expected life of this facility is 30 years.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Landfill Cell Excavation**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 3

Project: Waste Disposal

2062xxxxyy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	-	-	2,875	-	-	-	4,500	7,375	7,375
Financed by:									
Retained Earnings			48					48	48
External Debt			2,827				4,500	7,327	7,327

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	2,875	-	-	-	4,500	-	7,375
Financed by:								
Retained Earnings		48						48
External Debt		2,827				4,500		7,327

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The remaining capacity at the Brady Road Landfill is approximately 100-150 years. The landfill operation expands laterally by first excavating a below ground cell, and installing a leachate (landfill liquids) collection system at the base of the excavation. Filling with refuse then progresses within the cell in layers until the desired height above ground has been achieved, at which time the next cell is constructed. The excavated material is valuable for covering successive layers of refuse. Cell excavations will be required in 2010 and in 2014. The cost identified includes the cost of excavating and stockpiling excavated soil, and installation of a leachate collection system, including associated engineering.

The expected life of this facility is 50 years.

WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Brady Landfill Gas Capture Project**

Department: Water and Waste - Solid Capital Priority Rating: 3 - 2

Project: Waste Disposal
2062xxxxxy

Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2009 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2010	2011	2012	2013	2014		
Project Costs (\$000's)	150	-	8,900	-	-	-	-	8,900	8,900
Financed by:									
Retained Earnings								-	-
Provincial Funding			4,450					4,450	4,450
External Debt			4,450					4,450	4,450

CASH FLOW	2009	2010	2011	2012	2013	2014	Beyond 2014	Total
Project Costs (\$000's)	-	8,900	-	-	-	-	-	8,900
Financed by:								
Retained Earnings								-
Provincial Funding		4,450						4,450
External Debt		4,450						4,450

NET OPERATING IMPACT	2009	2010	2011
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

Note: Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges

The City of Winnipeg is committed to reducing greenhouse gases through the Climate Change Action Plan as approved by Council in September 2006. Landfills emit greenhouse gases as a mixture of methane and carbon dioxide called Landfill Gas (LFG). This project will install a LFG recovery system that will reduce up to 97,000 tonnes of carbon dioxide equivalent per year from entering the atmosphere. There is potential for revenue from the sale of the recovered gas. The project includes installing a gas collection system, flare, improved final cover, and a 400m maintenance road access. This project is suitable as a private-public-partnership (P3). A P3 could also include other suitable LFG destruction or offset technologies.

The expected life of this asset is 20 years.



The City of Winnipeg

SERVICE BASED VIEW

2009

Capital Budget

and

2010 to 2014

Five Year Forecast

Adopted by Council December 16, 2008

Table of Contents

Summary of Capital Program 4-1

Infrastructure Renewal and Public Works 4-2

Protection and Community Services 4-7

Property and Development 4-9

City Governance 4-11

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)	ADOPTED BY COUNCIL DECEMBER 16, 2008						2009-2014 6 YEAR TOTAL
	BUDGET 2009	FORECAST					
		2010	2011	2012	2013	2014	
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS							
Roadway Construction and Maintenance	100,656	62,177	63,068	66,205	63,260	66,762	422,128
Transportation Planning and Traffic Management	5,461	3,800	3,250	3,350	3,450	3,550	22,861
Roadway Snow Removal and Ice Control	100						100
City Beautification	1,500	1,300	1,300	1,300	1,300	1,300	8,000
Land Drainage and Flood Control	12,100	12,550	13,675	13,090	13,700	12,648	77,763
Parks and Urban Forestry	8,115	6,316	5,759	6,339	6,091	6,134	38,754
Public Transit	164,712	27,771	26,621	27,036	29,291	29,979	305,410
Water	22,382	18,500	18,925	24,675	16,100	13,500	114,082
Wastewater	122,147	122,100	224,630	208,566	135,025	55,329	867,797
Solid Waste Collection & Disposal	2,000	12,575	400	400		4,700	20,075
Total Infrastructure Renewal and Public Works	439,173	267,089	357,628	350,961	268,217	193,902	1,876,970
PROTECTION AND COMMUNITY SERVICES							
Police Response	11,696	6,327	7,693	8,134	9,420	7,149	50,419
Fire and Rescue Response		2,600		840	850	858	5,148
Recreation	7,375	4,750	4,350	4,830	4,830	5,110	31,245
Libraries	1,500	5,500		3,700	4,700	3,900	19,300
Arts, Entertainment and Culture	2,000	2,000	2,000	2,000	3,000	3,000	14,000
Insect Control	360	160					520
Community Services - Other	250	250	250		250	250	1,250
Total Protection and Community Services	23,181	21,587	14,293	19,504	23,050	20,267	121,882
PROPERTY AND DEVELOPMENT							
Neighbourhood Revitalization	1,799	4,728	2,308	2,088	2,919	2,950	16,792
Heritage Conservation	500	400		200	200	200	1,500
Cemeteries	400	400	300	200	200	200	1,700
Property Asset Management	6,992	5,725	2,425	3,649	4,675	4,755	28,221
Planning Property and Development - Other	112	200	200	200	200	200	1,112
Total Property and Development	9,803	11,453	5,233	6,337	8,194	8,305	49,325
CITY GOVERNANCE							
Corporate	2,382	9,182	9,268	9,146	7,926	9,278	47,182
Council Services	1,950	1,100	700	700	850	700	6,000
Total City Governance	4,332	10,282	9,968	9,846	8,776	9,978	53,182
TOTAL CAPITAL PROGRAM	476,489	310,411	387,122	386,648	308,237	232,452	2,101,359

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		DETAIL PAGE NO.	ADOPTED BY COUNCIL DECEMBER 16, 2008					2009-2014 6 YEAR TOTAL	
			BUDGET 2009	FORECAST					
				2010	2011	2012	2013		2014
CAPITAL PROJECTS LISTING SERVICE BASED VIEW									
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS									
<i>Roadway Construction and Maintenance</i>									
<i>Public Works</i>									
New Regional Sidewalks		3-1	250	250	250	250	250	1,500	
Active Transportation Corridors		3-2	1,000	500	500	500	500	3,500	
Recreational Walkways and Bike Paths - Various Locations		3-3	1,250	1,000	1,000	1,000	1,000	6,250	
Developer Payback - Various Locations		3-5	9,950	250	5,500	12,171		27,871	
Kenaston Blvd - Academy Rd to Taylor Ave		3-6			100	100	100	400	
Inkster Blvd - Keewatin St to Brookside Blvd		3-8	15,232	15,770				31,002	
Regional and Local Streets		3-9	43,169	28,595	42,909	30,213	43,968	233,066	
Sturgeon Rd Bridge (Sturgeon Creek)		3-11		1,000	1,033	10,977		13,010	
Osborne St Bridge (Assiniboine River)		3-12	1,000	355	6,776	6,294		14,425	
Jubilee Ave Overpass (Pembina Hwy)		3-13	896	7,638				8,534	
Waverley St / CN Mainline Grade Separation		3-14		1,119				1,119	
Louise Bridge (Red River) Replacement		3-15				2,581	2,000	4,581	
Pembina Highway Underpass		3-16			1,300		7,000	6,000	14,300
St. James Street Bridge (Omand's Creek)		3-17					2,161	2,161	
Ness Avenue Culvert (Sturgeon Creek)		3-18				1,000	2,000	8,000	11,000
Waterway Crossing and Grade Separations - Annual Program		3-19	2,000	2,000	2,000	2,000	2,000	12,000	
Disraeli Bridge and Overpass Facility		3-20	4,500	2,000				6,500	
Culvert Replacement Program - St. Matthews Ave (Omand's Creek)		3-21	1,792					1,792	
Fort Garry Bridge Rehabilitation and Widening		3-22	7,840					7,840	
Chief Peguis Trail - Henderson Hwy to Lagimodiere Blvd		3-24	2,000					2,000	
Kenaston Blvd - Waverley (re-alignment) to Waverley south of the Perimeter Highway		3-25					1,000	1,000	
Asset Management System - Various Divisions		3-26		100	100	100	100	500	
Assessment and Taxation									
Local Improvements - Ongoing Program		3-38	9,777	1,600	1,600	1,600	1,600	17,777	
Total Roadway Construction and Maintenance			100,656	62,177	63,068	66,205	63,260	422,128	

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
				2010	2011	2012	2013	2014	
<i>Transportation Planning and Traffic Management</i>									
<i>Public Works</i>									
	Traffic Signals Enhancement	3-4	2,300	2,300	2,300	2,300	2,300	2,300	13,800
	Traffic Engineering Improvements - Various Locations	3-7	750	850	950	1,050	1,150	1,250	6,000
	Land Acquisition - Transportation Right of Way - First Call on 2009 Capital Budget, Widening of Waverley (Council July 16, 2008)	3-29	1,711						1,711
	Winnipeg Transportation Strategy	3-31	600	650					1,250
<i>Planning Property and Development</i>									
	Riverbank Access Park and Dock Network	3-75	100						100
Total Transportation Planning and Traffic Management			5,461	3,800	3,250	3,350	3,450	3,550	22,861
<i>Roadway Snow Removal and Ice Control</i>									
<i>Public Works</i>									
	Sand / Salt Storage Facility	3-28	100						100
Total Roadway Snow Removal and Ice Control			100						100
<i>City Beautification</i>									
<i>Planning, Property and Development</i>									
	Downtown Enhancement Program	3-72	600	400	400	400	400	400	2,600
	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			1,500	1,300	1,300	1,300	1,300	1,300	8,000

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
				2010	2011	2012	2013	2014	
Land Drainage and Flood Control									
Public Works									
Land Drainage Sewers - Regional / Local Streets		3-27		150	150	150	150	150	750
Water and Waste									
Stormwater Retention Basin Rehabilitation		3-132	200	200	200	400	400	400	1,800
Flood Pumping Station Rehabilitation		3-133	900	1,000	1,000	1,000	1,000	1,000	5,900
Land Drainage and Combined Sewers Outfall Gate Structures		3-134	1,450	1,450	1,450	1,500	1,500	1,500	8,850
Floodplain Management		3-135	200	500					700
Seine River Waterway Acquisition		3-136		150	150	150	150	150	750
Primary Dike Upgrading		3-137		300	1,500	1,390	1,500	948	5,638
Land Drainage Safety Upgrading Program		3-138		200	100	200	200	200	900
Land Drainage Asset Management Strategy		3-139			200				200
Portable Flood Pumps		3-140	250						250
Flood Equipment Storage Facility		3-141	500						500
Combined Sewer Flood Relief		3-142	7,200	7,200	7,200	7,200	7,200	7,200	43,200
Flood Relief Sewers - Separate		3-143	300	300	300	300	300	300	1,800
Development Agreement Paybacks		3-144	350	500			500		1,350
Fernbank Ave Land Drainage Sewer		3-145			875				875
Outfall Rehabilitation		3-146	750	600	550	800	800	800	4,300
Total Land Drainage and Flood Control			12,100	12,550	13,675	13,090	13,700	12,648	77,763
Parks and Urban Forestry									
Public Works									
Reforestation - Improvements		3-32	383	383	383	433	383	383	2,348
Athletic Fields - Improvements		3-33	200	200	200	200	200	200	1,200
Parks - Improvements		3-34	900	808	262	617	677	653	3,917
Playground Structures		3-35	1,750	1,750	1,750	1,800	1,800	1,800	10,650
Pathway / Roadway / Tennis Court Upgrading		3-36	150			150	150	150	600
Community Park Amenities		3-37	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Planning, Property and Development									
Riverbank Greenway Programs		3-70	178	385	403	551	381	448	2,346
Developer Payback		3-78	454	290	261	88			1,093
Central Park Redevelopment		3-79	1,000						1,000
Riverbank Stabilization Grant Program		3-80	1,000						1,000
Riverbank Stabilization - Physical Asset Protection		3-81	600	1,000	1,000	1,000	1,000	1,000	5,600
Total Parks and Urban Forestry			8,115	6,316	5,759	6,339	6,091	6,134	38,754

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008						
		DETAIL PAGE NO.	BUDGET 2009	FORECAST				2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	
Public Transit								
Transit								
Transit Security Enhancements	3-124	250	250					500
Fare Collection System	3-125	4,000	5,500					9,500
Innovative Transit Program	3-126	700	800	800	800	1,000	1,000	5,100
Transit Building Replacement / Refurbishment	3-127		6,109	7,522	9,951	11,706	12,079	47,367
Transit Buses	3-128	14,403	15,112	18,299	16,285	16,585	16,900	97,584
Southwest Rapid Transit Corridor - Stage 1 - First Call on 2009 Capital Budget, \$67 million (Council October 22, 2008)	3-129	138,000						138,000
Transit Improvements	3-130	6,109						6,109
Transportation Authority Study	3-131	1,250						1,250
Total Public Transit		164,712	27,771	26,621	27,036	29,291	29,979	305,410
Water								
Water and Waste - Waterworks System								
Saskatchewan Avenue Feedermain	3-147					3,800		3,800
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-148			1,800	2,900			4,700
Shoal Lake Aqueduct Intake Structure Condition Assessment	3-149	800	1,000					1,800
Disraeli Feedermain - Red River Crossing Rehabilitation / Replacement	3-150	2,500						2,500
Shoal Lake Intake Chloramination Facility	3-151			2,000				2,000
General Water Infrastructure Rehabilitation	3-152		300	300	300	300	500	1,700
Waverley West Feedermain	3-153	3,400			7,500			10,900
Feedermain Condition Assessment and Rehabilitation	3-154						1,000	1,000
Water Utility Asset Management Strategy	3-155		200					200
Water Supply Valve Installation / Replacement Program	3-156	1,500	1,500	1,500	750	750	750	6,750
Shoal Lake Intake Maintenance / Communication Facility Rehabilitation (formerly Shoal Lake Aqueduct Maintenance/Storage Facility)	3-157		700					700
Hurst Pumping Station Building - Structural Repairs	3-158		1,000					1,000
Chlorination Decommission at Regional Pump Stations	3-159		100					100
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-160	300	300					600
Deacon Chemical Feed Facility Upgrading	3-161			1,000				1,000
Regional Pumping Stations Structural Upgrades	3-162			500				500
Safety Upgrades - Wilkes Reservoir "B" Pit	3-163			600				600
Asbestos Containing Materials Operations & Maintenance Program	3-164		125	125	125			375
Branch 1 Aqueduct at Seine River - Riverbank Stabilization	3-165	200	1,000					1,200
Regional Pumping Stations Reliability Upgrades	3-166				1,600	750	750	3,100
Waterworks System Security Upgrades	3-167	500	500	500	500	500	500	3,000
Regulatory Assessments of Water System Infrastructure and Water Supply Sources	3-168	750						750
Arc Flash Hazard Analysis and Remediation	3-169	525						525
GIS Database Restructuring and Data Integrity Upgrades	3-170	70						70
Environmental Services Laboratory Facility Upgrades - (NEWPCC)	3-171	150						150
Customer Information and Services System Project (CISS) - Phase 2	3-172	512	1,025					1,537
Cost of Service Rates Study	3-173	250	150					400
Municipal Corporate Utility Business Plan	3-174	625						625

CAPITAL PROJECTS SUMMARY		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
SERVICED BASED VIEW		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
(in Thousands of \$)				2010	2011	2012	2013	2014	
Water (Continued)									
Watermain Renewals	3-175	10,000	10,000	10,000	10,000	10,000	10,000	60,000	
Shoal Lake Aqueduct Asset Preservation	3-176	300	600	600	1,000			2,500	
Total Water		22,382	18,500	18,925	24,675	16,100	13,500	114,082	
Wastewater									
Water and Waste - Sewage Disposal									
Lift Stations Upgrading	3-177	750	750	750	750	750	750	4,500	
Inflow / Infiltration / Cross-Connection Study and Mitigation	3-178						2,000	2,000	
Sewer System Isolation in Areas Protected by Secondary Dikes	3-179			500	1,000	1,000		2,500	
Raw Sewage Pump Replacement - NEWPCC	3-180		2,550					2,550	
Waverley West Interceptor Sewer	3-181	4,600						4,600	
Upgrading External Power Supply - NEWPCC	3-182				6,000			6,000	
Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres (Formerly Septage Acceptance Facility - WPCC)	3-183	2,150						2,150	
Re-Roofing at Water Pollution Control Centres	3-184		400		400		400	1,200	
Centrifuge Replacement - NEWPCC	3-185			9,500				9,500	
River Crossings Monitoring and Rehabilitation	3-186	2,300	1,300	1,300	1,300	1,300	1,300	8,800	
Asbestos Containing Materials Operations & Maintenance Program	3-187		125	125	125			375	
Digester Area Upgrades - NEWPCC	3-188		900					900	
Water Pollution Control Centre Reliability Upgrades	3-189		5,000	5,000		5,000	5,000	20,000	
Wastewater System Security Upgrades	3-190	500						500	
HVAC Replacement - WEWPCC	3-191	1,000				4,000	5,000	10,000	
Traffic Safety Upgrades - NEWPCC	3-192	200				1,800		2,000	
Holding Tanks Coating - NEWPCC	3-193	100				2,550		2,650	
Primary Clarifier Covers - NEWPCC	3-194					19,600		19,600	
Wastewater Utility Asset Management Strategy	3-195	200	200					400	
GIS Database Restructuring and Data Integrity Upgrades	3-196	70						70	
Laboratory Facility Upgrades - (NEWPCC)	3-197	150						150	
Customer Information and Services System project (CISS) - Phase 2	3-198	512	1,025					1,537	
Cost of Service Rates Study	3-199	250	150					400	
New Discharge Chamber - (NEWPCC)	3-200	500			15,000			15,500	
New Surgewell - (NEWPCC)	3-201	1,000	4,000	9,000				14,000	
Grit Handling Upgrades - (NEWPCC)	3-202			11,700				11,700	
Municipal Corporate Utility Business Plan and Strategic Partner Development	3-203	3,625						3,625	
Environmental Impact Statement and Public Hearings	3-204	100	100	200	200	100	100	800	
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation	3-205	7,000	8,000	9,000	9,000	10,000	10,000	53,000	
Biosolids - Alternative Disposal Delivery & Management System	3-206	4,350		14,955	12,191	11,325	18,179	61,000	
Effluent Disinfection and Nutrient Removal - WEWPCC	3-207	4,190						4,190	
Nutrient Removal / Expansion - SEWPCC	3-208	73,000	64,000					137,000	
Nutrient Removal - NEWPCC	3-210		21,000	150,000	150,000	65,000		386,000	
Sewer Renewal	3-211	15,600	12,600	12,600	12,600	12,600	12,600	78,600	
Total Wastewater		122,147	122,100	224,630	208,566	135,025	55,329	867,797	

CAPITAL PROJECTS SUMMARY		ADOPTED BY COUNCIL DECEMBER 16, 2008							
SERVICED BASED VIEW		DETAIL	BUDGET	FORECAST				2009-2014	
(in Thousands of \$)				PAGE	2009	2010	2011		2012
		NO.							TOTAL
<i>Solid Waste Collection & Disposal</i>									
<i>Water and Waste - Solid Waste Disposal</i>									
Summit Landfill Closure / Post-Closure	3-212	200	400	400	400				1,400
Miscellaneous Land Acquisition	3-213	350						200	550
Organics Diversion Program Expansion	3-214	200							200
Environmental Act Licence for Brady Landfill	3-215		400						400
Brady Landfill Staff Building	3-216	1,250							1,250
Landfill Cell Excavation	3-217		2,875					4,500	7,375
Brady Landfill Gas Capture Project	3-218		8,900						8,900
Total Solid Waste Collection & Disposal		2,000	12,575	400	400			4,700	20,075
TOTAL INFRASTRUCTURE RENEWAL AND PUBLIC WORKS			439,173	267,089	357,628	350,961	268,217	193,902	1,876,970
PROTECTION AND COMMUNITY SERVICES									
<i>Police Response</i>									
<i>Winnipeg Police Service</i>									
Police Headquarters Renovations	3-54		1,452						1,452
Replace Voice 2-Way Radio System	3-55	6,298							6,298
Wireless Emergency 911 Upgrade	3-56		260						260
Automated Fingerprint Identification System (AFIS) Replacement	3-57			500					500
Police Priority Dispatch System	3-58		427						427
Outdoor Shooting Range	3-59	896							896
Central Processing Unit	3-60		4,188						4,188
Identification Unit - Forensic Services	3-61	768			7,611	8,220			16,599
Winnipeg Police Service Communications	3-62			7,193					7,193
Digital Recording - Interview Rooms	3-63				523				523
Information Systems - Unified Management, Storage, and Archiving System	3-64						593		593
Mobile Laptops	3-65					1,200			1,200
Evidence Control Building	3-66						6,556		6,556
Police Building Replacement	3-67	3,734							3,734
Total Police Response		11,696	6,327	7,693	8,134	9,420	7,149		50,419
<i>Fire and Rescue Response</i>									
<i>Fire Paramedic Service</i>									
Facilities Replacement and Relocation Program	3-68		2,600		840	850	858		5,148
Total Fire Paramedic Service			2,600		840	850	858		5,148

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008							
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					2009-2014 6 YEAR TOTAL
				2010	2011	2012	2013	2014	
Recreation									
Community Services Department									
Recreational Facility Safety & Accessibility Improvements		3-48	600	300		400	400	500	2,200
New Recreation and Leisure Facility Equipment Program		3-50	400						400
Building Services									
Community Centres - Refurbishing and Improvements		3-100	500	500	500	500	500	500	3,000
Arenas		3-101	525	525	525	525	525	525	3,150
Indoor Aquatic Facilities		3-102	2,450	2,450	2,450	2,530	2,530	2,530	14,940
Outdoor Aquatic Facilities		3-103	250	350	350	350	350	330	1,980
Community Facilities		3-104	200	200	200	200	200	200	1,200
Fire / Life Safety Replacement / Asbestos Abatement		3-105	225	225	225	225	225	225	1,350
UFF - Hockey Pen Light Standard Replacement		3-108	100	100	100	100	100	300	800
Recreation and Leisure Facilities		3-109	2,125	100					2,225
Total Recreation			7,375	4,750	4,350	4,830	4,830	5,110	31,245
Libraries									
Community Services Department									
Library Replacement - Various		3-40	1,000	5,000		3,000	3,000	2,000	14,000
Library Shelving and Furniture Replacement Program		3-41	500			200	500	200	1,400
Renovate and Refurbish Various Library Branches		3-45				300	1,000	1,000	2,300
Library Technology Upgrade and Replacement		3-47		500				500	1,000
Library Signage, Safety and Accessibility		3-49				200	200	200	600
Total Libraries			1,500	5,500		3,700	4,700	3,900	19,300
Arts, Entertainment and Culture									
Community Services Department									
Assiniboine Park Amenities Improvements / Development		3-53	2,000	2,000	2,000	2,000	3,000	3,000	14,000
Total Arts, Entertainment and Culture			2,000	2,000	2,000	2,000	3,000	3,000	14,000

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
				2010	2011	2012	2013	2014	
<i>Insect Control</i>									
<i>Community Services Department</i>									
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package		3-43	160	160					320
Insect Control - Secure Yard		3-44	200						200
Total Insect Control			360	160					520
<i>Community Services - Other</i>									
Imaging and Document Management		3-46	250	250	250				750
Business Application Systems		3-51					250		250
Technology Upgrade and Replacement		3-52						250	250
Total Community Services - Other			250	250	250		250	250	1,250
TOTAL PROTECTION AND COMMUNITY SERVICES			23,181	21,587	14,293	19,504	23,050	20,267	121,882
PROPERTY AND DEVELOPMENT									
<i>Neighbourhood Revitalization</i>									
<i>Public Works</i>									
City-Wide Accessibility Program		3-30	350	350	350	350	350	350	2,100
<i>Community Services Department</i>									
Community Incentive Grant Program		3-39	1,449	1,478	1,508	1,538	1,569	1,600	9,142
Integrated Property Based Information Systems		3-42		250	250				500
<i>Planning, Property and Development</i>									
Building Communities Initiative II		3-82		2,650	200	200	1,000	1,000	5,050
Total Neighbourhood Revitalization			1,799	4,728	2,308	2,088	2,919	2,950	16,792
<i>Heritage Conservation</i>									
<i>Civic Accommodations</i>									
Historic Building Stabilization		3-92	500	400		200	200	200	1,500
Total Heritage Conservation			500	400		200	200	200	1,500
<i>Cemeteries</i>									
<i>Planning, Property and Development</i>									
Cemeteries - Improvements		3-71	400	400	300	200	200	200	1,700
Total Cemeteries			400	400	300	200	200	200	1,700

CAPITAL PROJECTS SUMMARY		ADOPTED BY COUNCIL DECEMBER 16, 2008						2009-2014 6 YEAR TOTAL
SERVICED BASED VIEW		DETAIL PAGE NO.	BUDGET 2009	FORECAST				
(in Thousands of \$)				2010	2011	2012	2013	
Property Asset Management								
Planning, Property and Development								
Land Acquisition for General Unspecified Purposes		3-77	200	300	400	400	400	1,700
Civic Accommodations								
General Building Renovation and Refurbishing		3-83	500	500	500	500	500	2,500
Civic Buildings - Barrier Free Access		3-84		300	300		230	830
Removal of Asbestos		3-85	100	300	100	124	100	1,224
Roof Replacement		3-86	500	800	200	200	250	2,350
Fire Safety Upgrading - Various Locations		3-87	200	500	200	200	200	1,700
Police Headquarters		3-88	5,367					5,367
Energy Conservation		3-89		300		200		700
Civic Centre Car Park Tunnel		3-90				200		200
Tenant Improvement Prepayment - Major Department		3-91				500		1,000
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades		3-93		900		200	500	2,100
Building Envelope - Evaluation and Emergency Repair		3-94	500	1,000		200		1,900
Elevator and Escalator Repair		3-95		800	400	200	300	2,000
510 Main Street - Generator Set Replacement		3-96					1,600	1,600
Surface Parking Lot Repairs		3-97		200	200	200	200	1,000
Generator Set Replacement and Upgrades		3-98					200	200
Electrical Distribution System Upgrades		3-99					200	200
Building Services								
Security / Building Automation Systems Initiatives		3-106	125	125	125	125	125	850
Building Asset / Work Management Program		3-107	200	100	100	100	100	800
Total Property Asset Management			6,992	5,725	2,425	3,649	4,675	28,221
Planning Property and Development - Other								
Computer Automation		3-69		200	200	200	200	1,000
Expand Property Management and Integrate with Public Works Work Management System		3-74	112					112
Total Planning Property and Development - Other			112	200	200	200	200	1,112
TOTAL PROPERTY AND DEVELOPMENT			9,803	11,453	5,233	6,337	8,194	49,325

CAPITAL PROJECTS SUMMARY SERVICED BASED VIEW (in Thousands of \$)		ADOPTED BY COUNCIL DECEMBER 16, 2008							2009-2014 6 YEAR TOTAL
		DETAIL PAGE NO.	BUDGET 2009	FORECAST					
				2010	2011	2012	2013	2014	
CITY GOVERNANCE									
<i>Corporate</i>									
<i>Corporate Support Services</i>									
E-Government		3-116	150	528	535	617	629	705	3,164
Communications Network Infrastructure		3-117	92	633	638	643	277	641	2,924
Network Computing Initiatives		3-118	216	209	211	213	213	212	1,274
PeopleSoft Upgrade		3-119			1,500	1,000	500	646	3,646
Data Warehouse / Business Intelligence		3-120	125	520	200		169	203	1,217
<i>Property Assessment</i>									
Assessment Automation		3-121	500	1,000		500			2,000
<i>Corporate</i>									
Innovative Capital		3-122	1,299	154	46	35		733	2,267
Capital Investment Fund		3-123		6,138	6,138	6,138	6,138	6,138	30,690
Total Corporate			2,382	9,182	9,268	9,146	7,926	9,278	47,182
<i>Council Services</i>									
<i>City Clerks</i>									
Office Automation		3-110	200		200		200		600
Corporate Records Centre		3-111				200			200
Election Systems		3-112	150	150			150	200	650
Voting Machine Replacement		3-113	1,500	250					1,750
City Archives		3-114		500	500	500	500	500	2,500
Security for Council Building		3-115	100	200					300
Total Council Services			1,950	1,100	700	700	850	700	6,000
TOTAL CITY GOVERNANCE			4,332	10,282	9,968	9,846	8,776	9,978	53,182
TOTAL CAPITAL PROGRAM - SERVICE BASED VIEW			476,489	310,411	387,122	386,648	308,237	232,452	2,101,359



The City of Winnipeg

Appendices

2009

Capital Budget

and

2010 to 2014

Five Year Forecast

Adopted by Council December 16, 2008

Table of Contents

Appendix 1: City of Winnipeg Profile..... 5-1

Appendix 2: Capital Priority Rating System..... 5-9

Appendix 3: Historical Analysis of Borrowing Authority, Financing Sources, Application of Funds..... 5-11

Appendix 4: Statement of Current and Authorized Debenture Debt 5-15

Appendix 1: City of Winnipeg Profile

Winnipeg is the vibrant capital of Manitoba, the geographic centre of Canada and North America. With a population of over 712,000 people of diverse backgrounds who bring an international, cosmopolitan flare to the City as well as a feeling of community. Winnipeg is home to 60% of Manitoba's residents and the City continues to grow.

Location

Winnipeg is located at the geographic centre of North America situated at the junction of the Red and Assiniboine Rivers. It is the capital city of the province of Manitoba, which borders the provinces of Ontario to the east, Saskatchewan to the west, Nunavut to the North, and the U.S. states of Minnesota and North Dakota to the south.

Its geographic location places the city on the eastern edge of the Canadian prairies and the northern extension of North America's Great Plains region. The surrounding landscape is characterized by agricultural land utilized for grain production and livestock. In addition, the surrounding area also includes forests, marsh landscapes, and various lakes and rivers including Lake Winnipeg, the 3rd largest lake in Canada and 13th in the world.

Its central location makes Winnipeg easily accessible by air, road, and railway. Via major airlines, Winnipeg is only 2 hours from the cities of Calgary, Edmonton, Minneapolis, Chicago, and Denver. For those traveling by road east/west, Winnipeg is conveniently located on Canada's Trans Canada Highway and Yellowhead Route. For those traveling to and from the United States, Winnipeg is only 100 km (62 miles) north of the Canada U.S. border and connects directly with Interstate 29. Winnipeg is also accessible by railway as a destination along the "Canadian" route operated by VIA Rail Canada.

Time Zone

Winnipeg's central location on the continent places it within North America's Central Time Zone. The difference to Eastern Time and Mountain Time zones is only one hour. There is a two hour difference between Winnipeg and Atlantic or Pacific Time zones. Manitoba observes Central Standard Time and Daylight Saving Time when clocks move ahead one hour the first Sunday in April and revert back one hour the last Sunday in October.

Climate

Winnipeg experiences a continental climate characterized by four distinct seasons creating a variety of weather conditions throughout the year. Average temperatures range between -12.9 degrees Celsius (+8.8 degrees Fahrenheit) in the winter months to +25.4 degrees Celsius (+77.7 degrees Fahrenheit) in the summertime.

In terms of sunlight, Winnipeg receives over 2,300 hours of sunlight annually. Due to its northern location, Winnipeg residents enjoy up to 16 hours of sunlight daily during the summer months.

Winnipeg's precipitation averages approximately 51.4 centimetres (20.2 inches) per year.

The following are “Winnipeg Fast Facts”.

LOCATION

Winnipeg lies at the geographic centre of North America. Winnipeg is the capital city of Manitoba, a resource-rich province of 1.2 million people bordered by Ontario to the east, Saskatchewan to the west, and North Dakota and Minnesota to the south. The city is just 100 km (62 miles) from the United States border and is the major Canadian centre closest to Mexico.

Winnipeg’s history is the tale of a prime meeting place at the junction of two rivers – the north-flowing Red and the east-flowing Assiniboine. Winnipeg is a welcoming gateway, a centre of commerce and trade, a centre for arts and culture, with a rich history and growing economic opportunity.

DIVERSITY

Winnipeg has the most diverse economy of major cities in Canada. Key industries include: transportation and distribution, aerospace, agribusiness, finance and insurance, life sciences and biotechnology, information and communications technology, media, electric power, apparel and furniture manufacturing.

Winnipeg is also one of the most culturally diverse cities anywhere. Some 100 languages are represented in the region and Winnipeg is well known for its cultural achievements and flourishing arts scene.

AREA

Total Area in City 462 sq. km (178 sq. mi.)
 Riverbank Frontage 178 km (111 mi.)
 Source: City of Winnipeg

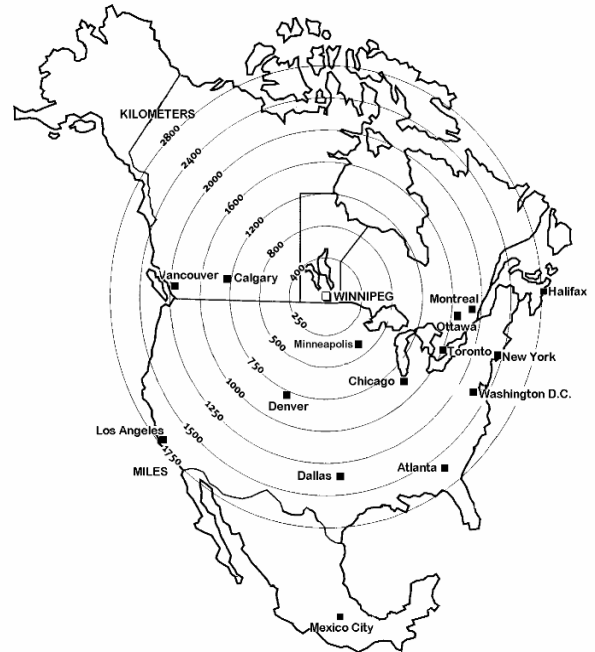
POPULATION

Total Population of Census Metropolitan Area (2007)
 712,700

Population by Age Group

17 and Under 153,253
 Age 18-24 69,709
 Age 25-64 395,085
 Age 65-74 45,098
 Age 75 and over 49,526
 Median Age 38

Source: Statistics Canada



ROAD DISTANCE (in kilometers: 1km = 0.62 mile)

Brandon, MB	200
Regina, SK	574
Saskatoon, SK	777
Edmonton, AB	1,302
Calgary, AB	1,329
Vancouver, BC	2,372
Kenora, ON	205
Thunder Bay, ON	702
Toronto, ON	2,079
Ottawa, ON	2,171
Montreal, QC	2,291
Quebec City, QC	2,535
Grand Forks, ND	231
Fargo, ND	350
Minneapolis, MN	742
Chicago, IL	1,384
Kansas City, MO	1,315
Detroit, MI	1,749
New York, NY	2,592
Denver, CO	1,760
Los Angeles, CA	3,125

Source: Culture, Heritage & Tourism, Province of Manitoba

CLIMATE

Average Summer Temperature	25.4°C (77.7°F)
Average Winter Temperature	-12.9°C (8.8°F)
Average Annual Precipitation	51.4cm (20.2")
Average Annual Rainfall	41.6cm (16.4")
Average Annual Snowfall	110.6cm (43.5")

Winnipeg has 2,372 hours of sunshine on average per year, among the highest of Canadian cities, and 2,727 hours of clear skies on average per year, the highest of all Canadian cities.

Source: Environment Canada

HOUSING**Average House Price Comparison (2007)**

Winnipeg, MB	\$182,879
Calgary, AB	\$415,268
Edmonton, AB	\$339,562
Halifax, NS	\$216,513
Montreal, QC	\$230,185
Ottawa, ON	\$273,308
Toronto, ON	\$376,886
Vancouver, BC	\$570,335

Source: Canadian Real Estate Association, WinnipegREALTORS®

Average Two Bedroom Apartment Rent (2007)

Winnipeg, MB	\$740
Calgary, AB	\$1,089
Edmonton, AB	\$958
Halifax, NS	\$815
Montreal, QC	\$647
Ottawa, ON	\$961
Toronto, ON	\$1,061
Vancouver, BC	\$1,084

Source: Canada Mortgage and Housing Corporation

UTILITIES

Electric and Gas: Manitoba Hydro

Water: City of Winnipeg

COMMUNICATION SERVICES

Newspapers: Daily & Sunday: 2 Weekly: 5

Radio Stations: 24

Television Stations: CBC, CKY, Global, Citytv, Aboriginal Peoples Television Network

Telephone Service: MTS Communications Inc.

Long Distance Services: MTS, AT&T, Primus, Sprint, Telus

Mail Service: Canada Post, Purolator, Federal Express, UPS, Loomis

RECREATION

Park Sites	937
Park Area	10,000 acres
Golf Courses	26
Indoor Arenas	30
Curling Rinks	20
Indoor Swimming Pools	13
Recreation Centres	9
Libraries	20

SPORTS & ENTERTAINMENT

Canadian Football League Team (Winnipeg Blue Bombers)

American Hockey League Team (Manitoba Moose)

Northern Baseball League Team (Winnipeg Goldeyes)

Race Track

Casinos

Riverboat Tours

MTS Centre (seats 15,015)

Winnipeg Stadium (seats 29,000)

Winnipeg Convention Centre

Royal Winnipeg Ballet

Winnipeg Symphony Orchestra

IMAX Theatre

Performing Arts Organizations

Museums

Galleries

Arts Education Facilities

Assiniboine Park Zoo

Amusement Parks

Water Slides

Community Centres

Source: City of Winnipeg, Film and Cultural Affairs

MEDICAL CARE

Hospitals.....	9
Number of Beds	2,979
Personal Care Homes	41
Medical Doctors (in Manitoba)	2,074
Dentists.....	400
Doctors of Chiropractic	226

EDUCATION**Post-Secondary Enrolment (2007)**

University of Manitoba	26,832
University of Winnipeg	8,846
Collège universitaire de Saint-Boniface	996
Red River College	32,000
Canadian Mennonite University	588

Source: University of Manitoba, University of Winnipeg, Red River College, Canadian Mennonite University, Collège universitaire de Saint-Boniface

APPENDICES

GROSS DOMESTIC PRODUCT

Winnipeg CMA (2007) (2002 \$) \$24.8 billion
 Source: Conference Board of Canada Metropolitan Outlook, Spring 2008

EMPLOYMENT BY INDUSTRY WINNIPEG CMA

Employed Labour Force, by Industry (2007, in thousands)

All industries	390.4
Goods-producing sector	74.8
Primary.....	3.1
Utilities.....	3.6
Construction.....	19.8
Manufacturing.....	48.3
Services-producing sector	315.6
Trade.....	59.2
Transportation and warehousing.....	22.9
Finance, insurance, real estate and leasing.....	27.0
Professional, scientific and technical services.....	21.1
Management of companies and administrative.....	13.0
Educational services.....	31.0
Health care and social assistance.....	52.0
Information, culture and recreation.....	18.1
Accommodation and food services	7.4
Other services.....	16.2
Public administration.....	27.7

Source: Statistics Canada, Labour Force Historical Review

UNEMPLOYMENT RATE

Winnipeg (2007)	4.7%
Canada (2007)	6.0%

Source: Statistics Canada

RETAIL AND INCOME DATA

Retail Sales (2007)	\$8.7 billion
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Source: Statistics Canada

Average Earnings

Average Individual Earnings (2005)	\$29,000
Average Family Income (2005)	\$76,600

Source: Statistics Canada

TOURISM

Annual Visitors to Winnipeg	2.7 million
Overnight Visitor Expenditures (2007)	\$467 million

Source: Statistics Canada Cities Projects, Conference Board of Canada

Total Hotel & Motel Rooms	6,600
Winnipeg Convention Centre (total floor space)	>160,000 sq. ft.

LARGE CORPORATIONS BASED IN WINNIPEG

Great-West Lifeco Inc.	Insurance
Cargill Ltd.	Agribusiness
Canadian Wheat Board	Agribusiness
CanWest Global Communications Corp	Media
IGM Financial Inc.	Finance
Manitoba Hydro-Electric Board	Utility
James Richardson & Sons, Limited	Conglomerate
Manitoba Telecom Services Inc.	Telecommunications
Wawanesa Mutual Insurance Co.	Insurance
HudBay Minerals Inc.	Mining
North West Company Fund	Merchant
Standard Aero Holdings Inc.	Manufacturing
Manitoba Public Insurance Corp.	Insurance
Boeing Canada Inc.	Manufacturing
New Flyer Industries Inc.	Manufacturing
Manitoba Lotteries Corp.	Amusement
Ridley Inc.	Agribusiness
Centra Gas Manitoba Inc.	Utility
Winpak Ltd.	Manufacturing
Manitoba Liquor Control Commission.....	Retail
Paterson GlobalFoods Inc.	Agribusiness
Monsanto Canada Inc.	Chemical
Bison Transport Inc.	Transportation
Arctic Glacier Income Fund	Manufacturing
Dairy Farmers of Manitoba	Agribusiness
Boyd Group Income Fund	Service
Pollard Holdings LP	Printing
Buhler Industries Inc.	Manufacturing

Source: from *Financial Post Business FP500*, June 2007

INDUSTRIAL SPACE

Winnipeg has 12 fully serviced industrial parks collectively representing over 2,000 acres of space.

Average Net Rent (warehouse, per sq. ft.)	\$4.00
Industrial Vacancy Rate	5%

Source: Colliers International

COMMERCIAL/INDUSTRIAL LEASE RATES

Downtown Office Space

Class "A" net average rent \$16.44 per sq. ft; vacancy rate 9.0%
 Class "B" net average rent \$13.47 per sq. ft; vacancy rate 7.9%
 Class "C" net average rent \$8.52 per sq. ft; vacancy rate 9.0%

Source: Cushman Wakefield LePage

VALUE OF BUILDING PERMITS

Winnipeg (2007)	\$901 million
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Source: Statistics Canada

TRANSPORTATION

Major Highway Systems

- No. 1 Trans Canada (east-west) direct connection to all major urban centres in Canada
- Manitoba No. 75 South to connect with U.S. Interstate No. 29 and Minnesota No. 94 (Border crossing: Emerson)
- Manitoba No. 59 to connect with Minnesota No. 59 and U.S. #2 (Border Crossing: Tolstoi)

Motor Freight Service

Winnipeg is serviced by over 30 motor freight carriers. Having developed and maintained its position as a transportation centre, Winnipeg is the headquarters for eight of the top ranking interprovincial general freight carriers:

Arnold Bros. Transport Ltd.	Bison Transport Services Ltd.
Kleysen Transport Ltd.	Paul's Hauling Ltd.
Purolator Courier	Reimer Express Lines Ltd.
TransX Ltd.	Winnipeg Motor Express Inc.

In addition, Canadian Pacific Railway and Canadian National Railway operate intermodal terminals in Winnipeg.

Source: Manitoba Highways & Government Services

Water Transportation

- Port of Churchill provides Manitoba direct access to the sea
- Assiniboine River – navigable for recreation
- Red River – navigable for recreation

Air Service

The Winnipeg International Airport (YWG), operated by the Winnipeg Airports Authority Inc. is the only international airport between Toronto and Calgary capable of handling large freighter aircraft. YWG is competitively positioned as a 24-hour airport and serves over 3.5 million passengers, 140,000 aircraft movements, and handles nearly 160,000 metric tonnes of cargo annually.

Airlines operating out of Winnipeg International Airport:

Passenger Carriers

Air Canada	Air Transat
Air West Aviation	Bearskin Airlines
Calm Air	Fast Air
First Air	Innotech-Exeaire
Jazz Airlines	Keystone Air Service
Kivalliq Air	Northway Aviation
Northwest Airlines	Perimeter Aviation
Skyservice Airlines	Sunwing Airlines
United Airlines	West Wind Aviation
WestJet Airlines	Zoom Airlines

Air Cargo Carriers

Air Canada Cargo	Bearskin Airlines
Calm Air Cargo	Cargojet
FedEx	First Air
Northwest Cargo	Perimeter
Purolator	UPS
Volga-Dnepr Airlines	WestJet Cargo

Source: Winnipeg Airports Authority Inc.

TRADE

Total Merchandise Exports:
 From Province of Manitoba (2007) \$11.8 billion
 To the United States (2007) \$8.3 billion

Source: Statistics Canada Trade Data Online

Information provided by: www.destinationwinnipeg.ca

City of Winnipeg Council



Mayor Sam Katz



Mike Pagtakhan
Point Douglas Ward



Mike O'Shaughnessy
Old Kildonan Ward



Harry Lazarenko
Mynarski Ward



Jeff Broway
North Kildonan Ward



Harvey Smith
Daniel McIntyre Ward



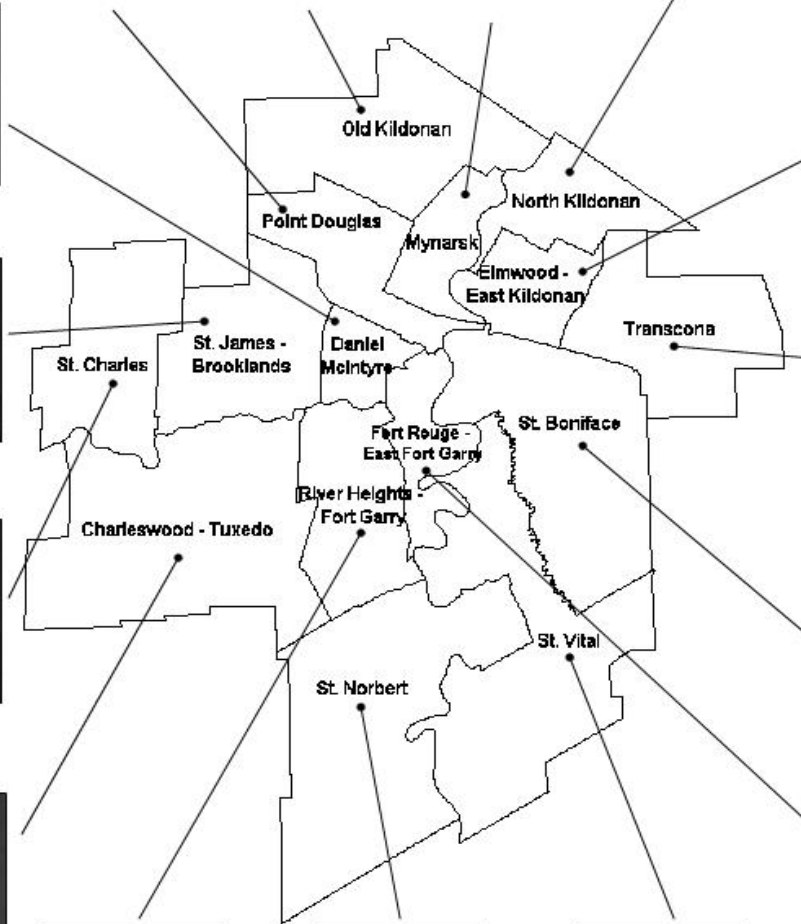
Scott Fielding
St. James - Brooklands Ward



Grant Nordman
St. Charles Ward



Bill Clement
Charleswood-Tuxedo Ward



Lillian Thomas
Elmwood - East Kildonan Ward



Russ Wyatt
Transcona Ward



Daniel Vandal
St. Boniface Ward



Jenny Gerbasi
Fort Rouge - East Fort Garry Ward



John Orlikow
River Heights - Fort Garry Ward



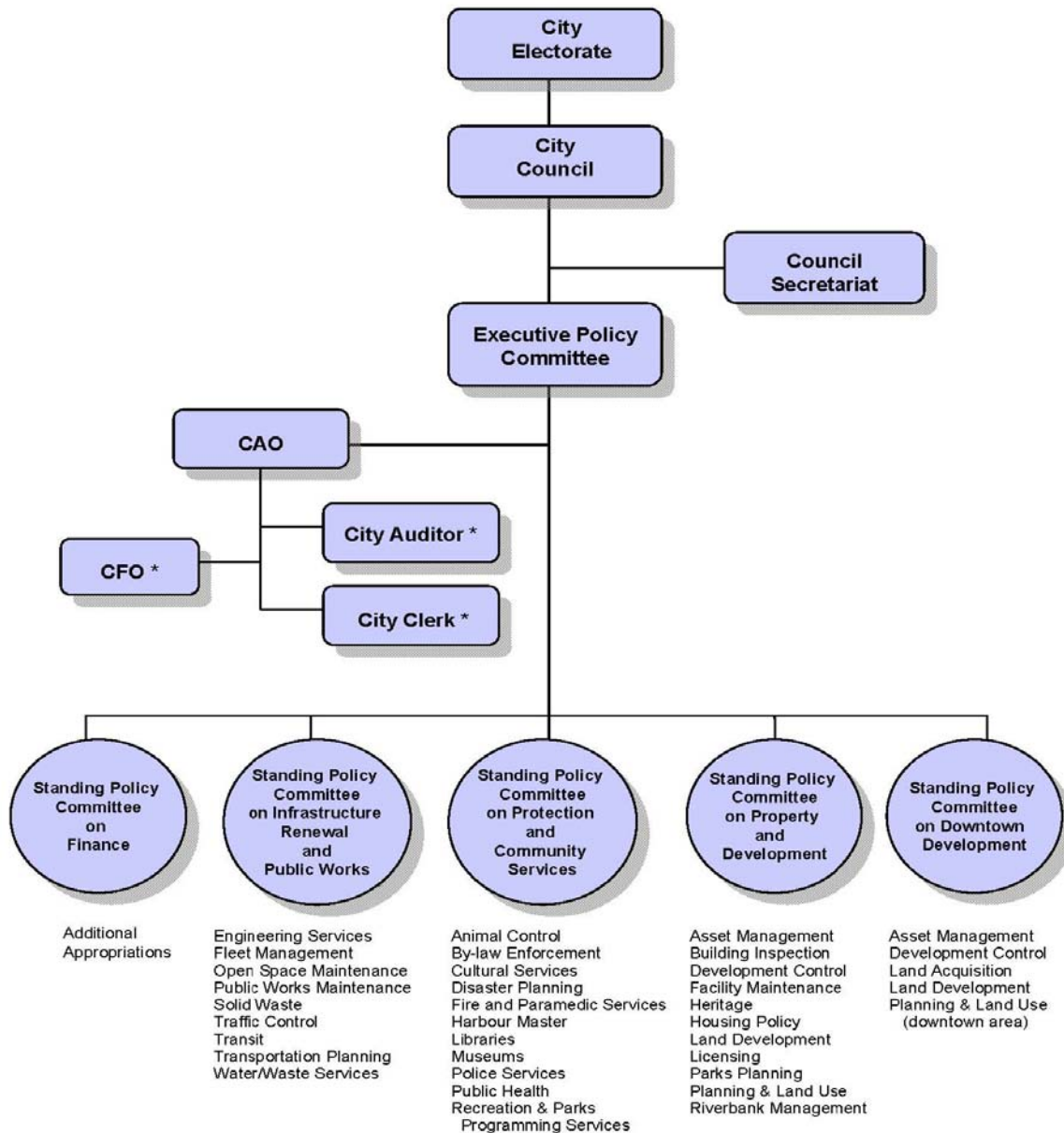
Justin Swandel
St. Norbert Ward



Gord Steeves
St. Vital Ward

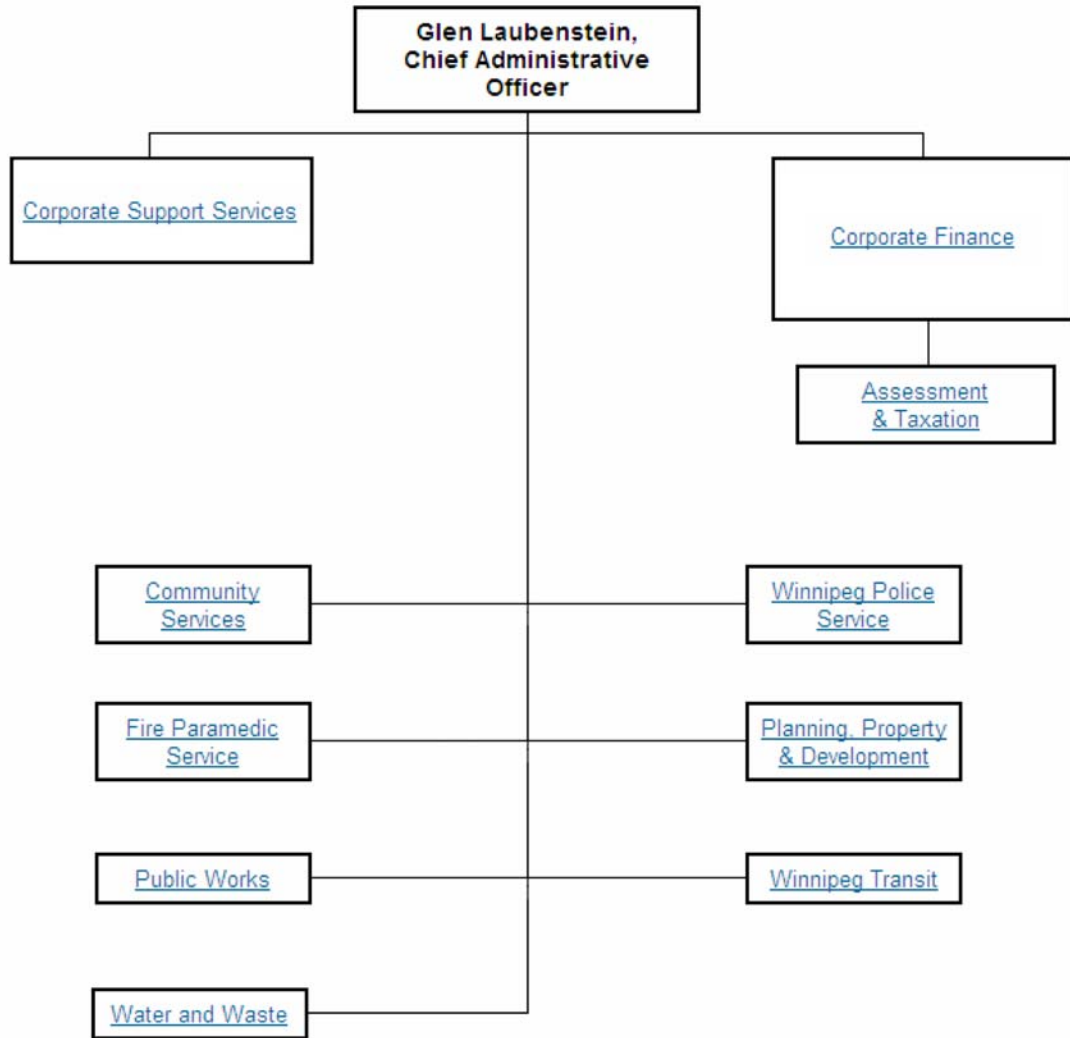
City of Winnipeg Organization

APPENDIX A to By-law No. 7100/97
Amended 143/2008



* CFO, City Auditor and City Clerk have statutory reporting relationship to City Council

City of Winnipeg Interactive Organization Chart



Appendix 2: Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

Priority Groupings	Priority Points	
	Main	Sub
<p>A. <u>Vital Services</u> Those basic elements of essential services which are vital to the day to day domestic, industrial, and commercial life of the City. Capital expenditures within this group would be related to:</p> <ol style="list-style-type: none"> 1. Sewage Disposal Collection System and treatment facilities. 2. Water aqueduct reservoirs, pumping stations and trunk feeder mains 	5	
<p>B. <u>Essential Services</u> Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to:</p> <ol style="list-style-type: none"> 1. Public Transportation 2. Fire and Police Protection 3. Garbage Collection and Disposal 4. Regional Street System 5. Land Drainage 	3	
<p>C. <u>Standard Services</u> Those services which would reasonably be expected to be provided to all citizens of the City for their convenience and in accordance with generally accepted standards. Capital expenditures within this group would be related to:</p> <ol style="list-style-type: none"> 1. Residential Street and Lane Construction (Local Improvements or other). 	2	

Priority Groupings	Priority Points	
	Main	Sub
<p>D. <u>Desirable Services</u> Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to:</p> <ol style="list-style-type: none"> 1. Parks and Related Facilities 2. Recreational Facilities 3. Libraries 4. Museums <p><u>Sub-Group Rating</u></p> <p>Could cause a serious imminent disruption of service (should be done without undue delay). 4</p> <p>Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year). 3</p> <p>Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years) 2</p> <p>Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more). 1</p>	1	
<p>Note: A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.</p>		

Appendix 3: Historical Analysis of Borrowing Authority, Financing Sources, Application of Funds

FINANCING SOURCES

Capital expenditures are funded from many sources besides debt. The following is a breakdown by the major categories for adopted capital budgets for 2004 to 2009.

	Adopted Capital Budgets					
	<u>2004¹</u>	<u>2005²</u>	<u>2006³</u>	<u>2007⁴</u>	<u>2008⁵</u>	<u>2009</u>
CAPITAL AUTHORIZATIONS						
General (including Transit and Civic Accommodations)	\$ 105,930	\$ 118,555	\$ 161,185	\$ 285,113	\$ 300,658	\$ 320,183
Local Improvements	11,125	2,393	5,729	2,569	3,794	9,777
Utilities	88,399	177,520	140,669	139,641	116,647	146,529
TOTAL CAPITAL PROGRAM	205,454	298,468	307,583	427,323	421,099	476,489
LESS AVAILABLE FINANCING						
Cash to Capital (Equity in Capital Assets Fund)	56,908	56,000	56,000	59,478	61,078	63,478
Reserves / Other City Funding	82,479	102,887	36,383	59,384	51,542	49,481
Retained Earnings	27,435	43,510	23,500	29,120	52,120	37,989
Provincial Funding	21,000	21,000	22,020	44,786	51,506	46,506
Federal Funding	-	-	37,640	41,273	20,514	42,029
Provincial / Federal Funding	6,338	23,000	31,798	5,713	5,187	59,246
Public Private Partnerships	-	-	-	107,905	126,895	3,734
Other	11,294	1,987	6,682	5,413	11,569	25,716
TOTAL AVAILABLE FUNDING	205,454	248,384	214,023	353,072	380,411	328,179
BORROWING AUTHORITY REQUIRED FOR THE PROGRAM	-	50,084	93,560	74,251	40,688	148,310
LESS BORROWING AUTHORITY REQUIRED FOR UTILITIES	-	50,084	81,300	69,138	37,200	50,715
BORROWING AUTHORITY FOR LOCAL IMPROVEMENTS / FEDERATION OF CANADIAN MUNICIPALITIES LOAN / TRANSIT	\$ -	\$ -	\$ 12,260	\$ 5,113	\$ 3,488	\$ 97,595

¹⁻⁵ See Page 5-14 for note details.

APPENDICES

FINANCING

The following information itemizes all the sources of financing for adopted capital budgets for 2004 to 2009.

	<u>2004</u> ¹	<u>2005</u> ²	<u>2006</u> ³	<u>2007</u> ⁴	<u>2008</u> ⁵	<u>2009</u>
FINANCING SOURCES OTHER THAN DEBT:						
Reserves / Other City Funding:						
Cash to Capital (Equity in Capital Assets Fund)	\$ 56,908	\$ 56,000	\$ 56,000	\$ 59,478	\$ 61,078	\$ 63,478
Public Private Partnership Lease Payments	-	-	-	(1,478)	(1,838)	(2,369)
Interim Financing / (Repayments)	(4,119)	(6,881)	(3,544)	(916)	8,077	2,342
Watermain Renewal Reserve (frontage levy)	6,500	7,600	6,800	7,000	7,000	7,000
Aqueduct Renewal Reserve	-	-	-	-	-	300
Water Treatment Reserve	26,000	50,000	16,000	8,500	-	-
Combined Sewer Renewal Reserve (frontage levy)	18,580	17,580	-	-	-	-
Wastewater Sewer Renewal Reserve (frontage levy)	420	1,320	-	-	-	-
Sewer System Rehabilitation Reserve	-	-	-	15,080	12,600	12,600
Rapid Transit Infrastructure Reserve	-	-	-	-	-	2,750
Transit Reserve	7,015	5,015	7,160	5,885	6,098	7,920
Environmental Reserve	28,044	25,006	(4,007)	6,420	7,727	11,450
Land Dedication Reserve	-	-	275	-	-	-
Land Operating Reserve	-	-	-	2,737	973	-
Communications Account	-	-	650	-	-	-
Frontage Levy - local streets and sidewalks	-	3,000	19,580	-	-	-
Frontage Levy - Land Drainage	-	-	-	7,500	7,500	7,500
General Purpose Reserve / (Repayments)	(208)	-	2,770	3,373	2,482	(12)
Contribution from Glacial Sand and Gravel Special Operating Agency	247	247	-	-	-	-
Federation of Canadian Municipalities Loan (repayment)	-	-	(6,808)	(3,417)	-	-
Transfer from Sewage Utility (prior years' authorized external debt)	-	-	(14,390)	7,600	923	-
Red River Community Centre	-	-	478	-	-	-
Transfers from other authorized projects	-	-	11,419	1,100	-	-
Retained Earnings:						
Waterworks System Retained Earnings	5,705	5,830	5,125	7,675	13,545	15,082
Sewage Disposal System Retained Earnings	21,730	35,880	17,775	20,945	38,173	20,907
Solid Waste Disposal System Retained Earnings	-	1,800	600	500	402	2,000
Provincial Funding:						
Urban Capital Project Allocation IV or alternate funding						
<u>City Priorities - Unconditional Grant</u>						
Unallocated UCPA IV - Unconditional	11,500	11,800	-	-	-	-
<u>Infrastructure Renewal & Strategic Enhancement</u>						
Regular Transit Buses	3,000	3,000	-	-	-	-
Building Communities	1,500	1,200	-	-	-	-
Manitoba Winnipeg Infrastructure Program (unallocated)	-	-	11,670	11,666	11,666	10,666
Provincial Funding for Residential Street Renewals	5,000	5,000	-	-	-	-
<u>Building Manitoba Fund</u>						
Regional and Local Streets	-	-	6,510	7,000	7,000	7,000
Transit - Regular Transit Buses	-	-	3,840	3,840	3,840	3,840
Unallocated Provincial Funding	-	-	-	21,000	29,000	25,000
Provincial Payment for Gap in Transit Gas Tax Formula	-	-	-	1,280	-	-
	\$ 187,822	\$ 223,397	\$ 137,903	\$ 192,768	\$ 216,246	\$ 197,454

¹⁻⁵ See Page 5-14 for note details.

FINANCING (continued)

The following information itemizes all the sources of financing for adopted capital budgets for 2004 to 2009.

	<u>2004</u> ¹	<u>2005</u> ²	<u>2006</u> ³	<u>2007</u> ⁴	<u>2008</u> ⁵	<u>2009</u>
Federal Funding:						
Federal Gas Tax	\$ -	\$ -	\$ 23,280	\$ 16,413	\$ 20,514	\$ 41,029
Government of Canada (Bill C-66)	-	-	14,360	-	-	1,000
Public Transit Capital Trust Funds	-	-	-	24,860	-	-
Provincial / Federal Funding:						
<u>Canada / Manitoba Infrastructure Projects</u>						
Kenaston Underpass	-	23,000	-	-	-	-
Regional and Local Streets	2,005	-	-	-	-	-
Millennium Library	3,000	-	-	-	-	-
Various Cultural Centres	1,333	-	-	-	-	-
Rapid Transit Corridor (Phase 1)	-	-	-	-	-	35,000
<u>Canada Strategic Infrastructure Fund</u>						
Centrate Nutrient Reduction Treatment - NEWPCC	-	-	13,778	-	-	-
Effluent Disinfection and Nutrient Removal - WEWPCC	-	-	14,187	-	-	-
Effluent Disinfection and Nutrient Removal - SEWPCC	-	-	-	-	-	20,608
Recreation and Leisure Facilities	-	-	-	5,125	5,125	3,638
Kenaston Underpass	-	-	3,000	-	-	-
Winsmart - Urban Transportation Showcase	-	-	833	588	62	-
Other:						
Public Private Partnerships	-	-	-	107,905	126,895	3,734
Developer Capacity Charges	-	1,000	3,357	5,413	1,069	2,056
Wpg Library Foundation (Millennium Library)	4,000	-	-	-	-	-
District Receivable - Fairfield Park	6,960	942	-	-	-	-
School Divisions	-	45	-	-	-	-
Red River Community Centre Funding	-	-	325	-	-	-
Federation of Canadian Municipalities Grant	-	-	3,000	-	-	-
Transfers from Operating	334	-	-	-	-	-
Prior Years' Surplus (unallocated)	-	-	-	-	10,500	23,660
TOTAL FINANCING SOURCES OTHER THAN DEBT	205,454	248,384	214,023	353,072	380,411	328,179
DEBT:						
Local Improvement	-	-	5,452	1,696	3,488	7,845
Federation of Canadian Municipalities Loan	-	-	6,808	3,417	-	-
Public Private Partnership Lease	-	-	-	-	-	-
Tax Supported - Transit	-	-	-	-	-	89,750
Total Tax Supported	-	-	12,260	5,113	3,488	97,595
Utilities	-	50,084	81,300	69,138	37,200	50,715
TOTAL DEBT	-	50,084	93,560	74,251	40,688	148,310
TOTAL CAPITAL PROGRAM	\$ 205,454	\$ 298,468	\$ 307,583	\$ 427,323	\$ 421,099	\$ 476,489

¹⁻⁵ See Page 5-14 for note details.

APPENDICES

APPLICATION OF FUNDS

The following information, organized by department, provides a historical analysis of adopted capital budgets for 2004 to 2009.

	<u>2004¹</u>	<u>2005²</u>	<u>2006³</u>	<u>2007⁴</u>	<u>2008⁵</u>	<u>2009</u>
TAX SUPPORTED CAPITAL						
Public Works						
- Streets	\$ 32,331	\$ 54,863	\$ 61,599	\$ 156,693	\$ 179,833	\$ 96,690
- Parks & Open Spaces	1,918	1,625	1,033	3,383	5,233	4,883
- Special Projects	-	-	-	-	-	-
Land Drainage and Flood Control						
- Regional	12,050	11,130	12,700	16,100	14,195	11,350
- Residential	11,024	11,194	11,524	550	500	750
Winnipeg Police Service	-	2,266	-	20,655	34,353	11,696
Fire Paramedic Service	-	-	1,720	-	1,792	-
Internal Services	2,557	3,310	4,996	2,325	1,518	583
Community Services						
- Special Projects	2,723	3,798	2,243	2,835	2,421	6,559
- Libraries	8,000	300	611	689	1,250	-
Planning, Property and Development						
- Civic Accommodations	4,804	6,355	8,769	12,909	5,806	7,167
- Building Services	3,570	3,770	18,263	16,870	21,990	6,700
- Planning, Property and Development						
- Building Communities	3,000	2,400	-	400	2,000	-
- Other	1,210	1,400	4,100	5,350	3,628	5,344
Special Projects - Various Departments	8,650	650	2,075	4,446	9,424	3,749
Transit	14,093	15,494	31,552	41,908	16,715	164,712
Total Tax Supported Capital Excluding Local Improvements	105,930	118,555	161,185	285,113	300,658	320,183
Local Improvements	11,125	2,393	5,729	2,569	3,794	9,777
Total Tax Supported Capital	117,055	120,948	166,914	287,682	304,452	329,960
UTILITIES CAPITAL						
Waterworks System	38,205	97,430	109,485	84,675	20,545	22,382
Sewage Disposal System						
- Regional	49,774	76,970	29,194	39,386	83,100	106,547
- Residential	420	1,320	1,260	15,080	12,600	15,600
Solid Waste Utility	-	1,800	730	500	402	2,000
Total Utilities Capital	88,399	177,520	140,669	139,641	116,647	146,529
TOTAL CAPITAL PROGRAM	\$ 205,454	\$ 298,468	\$ 307,583	\$ 427,323	\$ 421,099	\$ 476,489

1 Revised to reflect March 23, 2004 Council decision to refer \$4.092 million to the 2005 capital budget process.

2 Revised to reflect March 22, 2005 Council decision to reduce the previously adopted 2005 capital program and the internal financing requirement by \$5.0 million.

3 Budget as adopted by Council on February 21, 2006. No revisions made to reflect Council's March 21, 2006 decisions to increase cash to capital for 2006 to \$56.5 million, nor to increase authorization for Regional and Local Streets by \$1 million to reflect the tabling of the Provincial Budget.

4 Revised to reflect January 24, 2007 Council decision to increase the Wastewater Renewal Program by \$3 million.

5 Revised to reflect March 26, 2008 Council decision to reduce the previously adopted 2008 capital program and the internal financing requirement by \$400,000.

Appendix 4: Statement of Current and Authorized Debenture Debt

The following information provides an overview of the City's authorized net debt as at December 31, 2008. The City issues both Sinking Fund and Serial or Instalment debentures for funding capital expenditures. On a consolidated basis, the City includes mortgages and bank loans incurred by wholly-owned corporations of the City, as well as capital lease obligations, as outstanding debt of the City. The schedule below relates only to debenture debt for the City's tax-supported, utility operations, Transit, Civic Accommodations, and Facilities Maintenance funds.

Beginning in 1998, the City adopted capital budgets that did not require the issuance of new tax-supported debt (with the exception of local improvement costs to be repaid by taxpayers). Under its current capital plan, all new tax-supported projects are financed on a pay-as-you-go basis. As a result, the level of net tax-supported debt has decreased by \$295 million since 1998.

In February 2005, Council adopted The City of Winnipeg Debt Management Policy. The City recognized that the foundation of any well-managed debt program is a comprehensive debt policy. This Policy sets forth the parameters for issuing debt and managing outstanding debt and provides guidance to decision makers regarding the timing and purposes for which debt may be issued and the types of debt and structural features that may be incorporated.

The City issued \$100 million in debt in 2008 to finance a portion of the construction costs of the City's new Water Treatment Plant. The Water Treatment Reserve was first depleted as planned to finance a significant portion of the cost for this project.

Debenture Debt (in thousands of dollars)	Tax-Supported	Utility Operations and Other Funds	Total
Gross Debt as at December 31, 2007	\$ 335,952	\$ 251,087	\$ 587,039
Less: Equity in Sinking Fund	(144,747)	(102,849)	(247,596)
Net Debt	191,205	148,238	339,443
Unallocated Sinking Fund Surplus	(1,090)	-	(1,090)
Net Debt as at December 31, 2007	\$ 190,115	\$ 148,238	\$ 338,353
Debt Maturing during 2008	(11,206)	(2,500)	(13,706)
Sinking Fund Incremental Change during 2008	(15,896)	(11,575)	(27,471)
New Debt Issued in 2008		100,000	100,000
Net Debt as at December 31, 2008	\$ 163,013	\$ 234,163	\$ 397,176
Previous Outstanding Borrowing Authority	92,603	92,037	184,640
New Borrowing Authorized in the 2009 Capital Budget	7,845	140,465	148,310
Total Current and Authorized Net Debt	\$ 263,461	\$ 466,665	\$ 730,126

Note: Does not include capital lease obligations, debt incurred by Winnipeg Enterprises Corporation and Winnipeg Housing Rehabilitation Corporation, or debt incurred or authorized for the City's Special Operating Agencies.