Winnipeg

2010

Preliminary Capital Budget

2011 - 2015 Five Year Forecast





The City of Winnipeg

2010
Preliminary Capital Budget

and

2011 to 2015
Five Year Forecast

To obtain copies of this document, please contact:

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Prepared by Corporate Finance,
The City of Winnipeg

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

November 16, 2009

TO ALL MEMBERS OF COUNCIL:

Re: Preliminary 2010 Capital Budget
- and the -
2011 to 2015 Five Year Forecast

We are pleased to submit the Preliminary Capital Investment Plan for the City of Winnipeg for the years 2010 to 2015.

This Capital Budget invests in priority roads, bridges, community amenities and other infrastructure projects. The 6 year plan authorizes $2 billion in City capital projects. Over $498 million is earmarked for streets and bridges over the multi-year plan with $183 million in 2010 alone--a 90% increase over total street projects authorized in 2009. The City is also continuing its plan to increase "Cash to Capital" investment by $2 million each year, bringing the contribution in 2010 to $65.5 million.

Included in the 2010 budget are several important new projects. Through effective partnering with the other levels of government, a new Active Transportation project for over $20 million has been included. This brings the total active transportation investment to $22.2 million in 2010 to help build a better future and strengthen our communities. Funding of $54.7 million has also been incorporated for Waverley West Arterial Roads. This project ensures improved transportation flow and capacity for growth for the benefit of all our citizens.

Our organization is diligently ensuring that innovative financing solutions and value for money are assured for all our capital investments. This budget continues commitments for strategic, multi-year capital projects like the Disraeli Bridge and Overpass, the Chief Peguis Trail - Henderson to Lagimodiere and a new Police Headquarters project. Other investments over the 6 year plan include Parks and Open Space projects at $27.5 million, $72.4 million for community and recreation facilities and $164 million for Transit projects.

Environmental stewardship is a City priority and this 6 year capital plan includes a $147 million investment in the water utility and $812 million in sewer utility projects. The sewer expenditures are partly due to the cost of complying with Clean Environment Commission requirements. Funding negotiations will need to be finalized with the other levels of government to successfully complete the planned sewer program.

The redevelopment of Assiniboine Park, through the Assiniboine Park Conservancy, is supported in this budget by providing $8 million in capital investment in 2010, with $5.1 million going toward building repairs and upgrades. The remaining investment of almost $2.9 is planned for exciting attractions like the Duck Pond Expansion and a new Family Centre. Work on major attractions will proceed with matched funding from other levels of government and private donors. This brings the total City investment for the park to $21 million over the 6 year plan.

The City of Winnipeg recognizes that our Federal and Provincial government counterparts have made significant investments in the City's capital plan. The recent provincial amendment to the Manitoba Winnipeg Infrastructure Fund adds $53.3 million over a 10 year period. Substantial new federal contributions through the Infrastructure Stimulus Fund and the Building Canada Fund accelerate and provide momentum for critical investments in 2010. These government partnerships stimulate the economy and create jobs to keep our communities competitive and prosperous. Consistent with other cities across the nation, we remain challenged by the growing infrastructure deficit. We will continue to need the long term support of the other levels of government to address infrastructure funding shortfalls.

We believe this plan addresses our City's capital priorities and optimizes the use of our resources. We invite review and feedback from all members of Council and citizens at large to finalize this plan over the next several weeks.

Respectfully submitted,

Sam Katz,
Mayor

Scott Fielding, Chairperson,
Standing Policy Committee on Finance

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RECOMMENDATIONS

1. a) That the 2010 Capital Budget totalling $430,563,000 requiring borrowing authority of up to $105,723,000 be reviewed and submitted to Council for adoption;

   b) That total borrowing authority include up to $30,000,000 in tax supported debt for the Chief Peguis Trail – Henderson Highway to Lagimodiere Boulevard for a commissioning payment for the facility and $75,723,000 for the Sewer and Solid Waste Disposal Systems; and

   c) That the 2011 to 2015 Five Year Capital Forecast be reviewed and submitted to Council for adoption in principle.

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

Year	$ Millions
2010	65.478
2011	67.478
2012	69.478
2013	71.478
2014	73.478
2015	75.478

3. That the following prior years' tax supported capital surpluses be transferred to fund tax supported capital projects in the 2010 Capital Budget:

   a) $1.645 million from the recent capital review;

   b) $1.328 million from the 2008 Capital Investment Fund;

   c) $0.7 million from the 2009 Innovative Capital Fund;

   d) $3.3 million from the Public Works and Water and Waste Facility Consolidation Project; and

   e) $2.6 million from the Police Building Replacement Project.

4. That annual lease/service payments and debt servicing costs for tax supported public private partnerships be funded annually up to a maximum of 30% of the cash to capital contribution and the federal gas tax.

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

6. That Council authorize the expenditure of $2.37 million for the Fare Collection System in 2010 or prior to the adoption of the 2011 Capital Budget as a first charge, in accordance with Subsection 288(2) of the City of Winnipeg Charter to allow for timely contract award and capital work.

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

8. 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.

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2010 Preliminary Capital Budget

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Executive Policy Committee
November 16, 2009

Winnipeg

2010 CAPITAL BUDGET PROCESS...

- **Addressing the City's capital priorities**
- **Optimizing resources**
- **Environmental stewardship**



Winnipeg

HIGHLIGHTS

- **Capital investment plan:**
  - **$2 billion over the next 6 years**
  - **$430.6 million in 2010**
  - **Focus on priority streets and bridges, sewer systems, and community infrastructure and amenities**
- **Strategic government partnerships**
  - **Active Transportation - $20.4 million**
  - **Waverley West Arterial Roads - $54.7 million**
- **Cash to Capital $65.5 million in 2010 and growing annually**
- **Redevelopment of Assiniboine Park through the Assiniboine Park Conservancy - $8 million in 2010**

Winnipeg

AREAS OF MAJOR CAPITAL INVESTMENT





- **$812 million for sewage disposal projects**
- **$498 million for roads and bridges**
- **$164 million for the transit system**
- **$147 million for the water system**
- **$156 million for parks, community infrastructure and amenities**
- **$79 million for land drainage and flood control**
- **$62 million for public safety infrastructure**

Winnipeg

ENVIRONMENTAL STEWARDSHIP

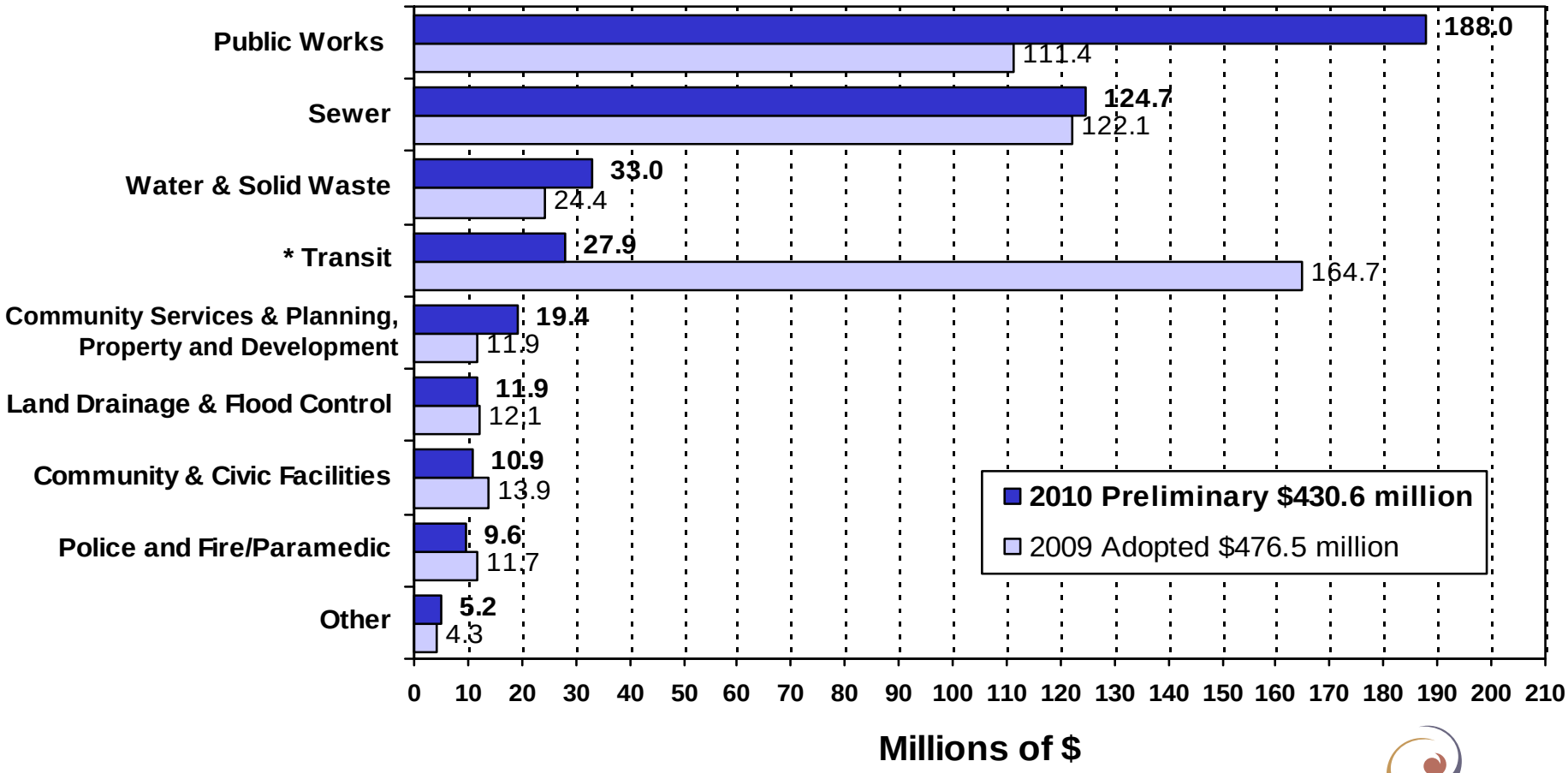
- **Active transportation**
- **Upgrades for wastewater collection and treatment**
- **Sewer renewal and combined sewer overflow management**
- **Land drainage and flood protection**
- **Riverbank stabilization**
- **Brady landfill gas capture**





Winnipeg

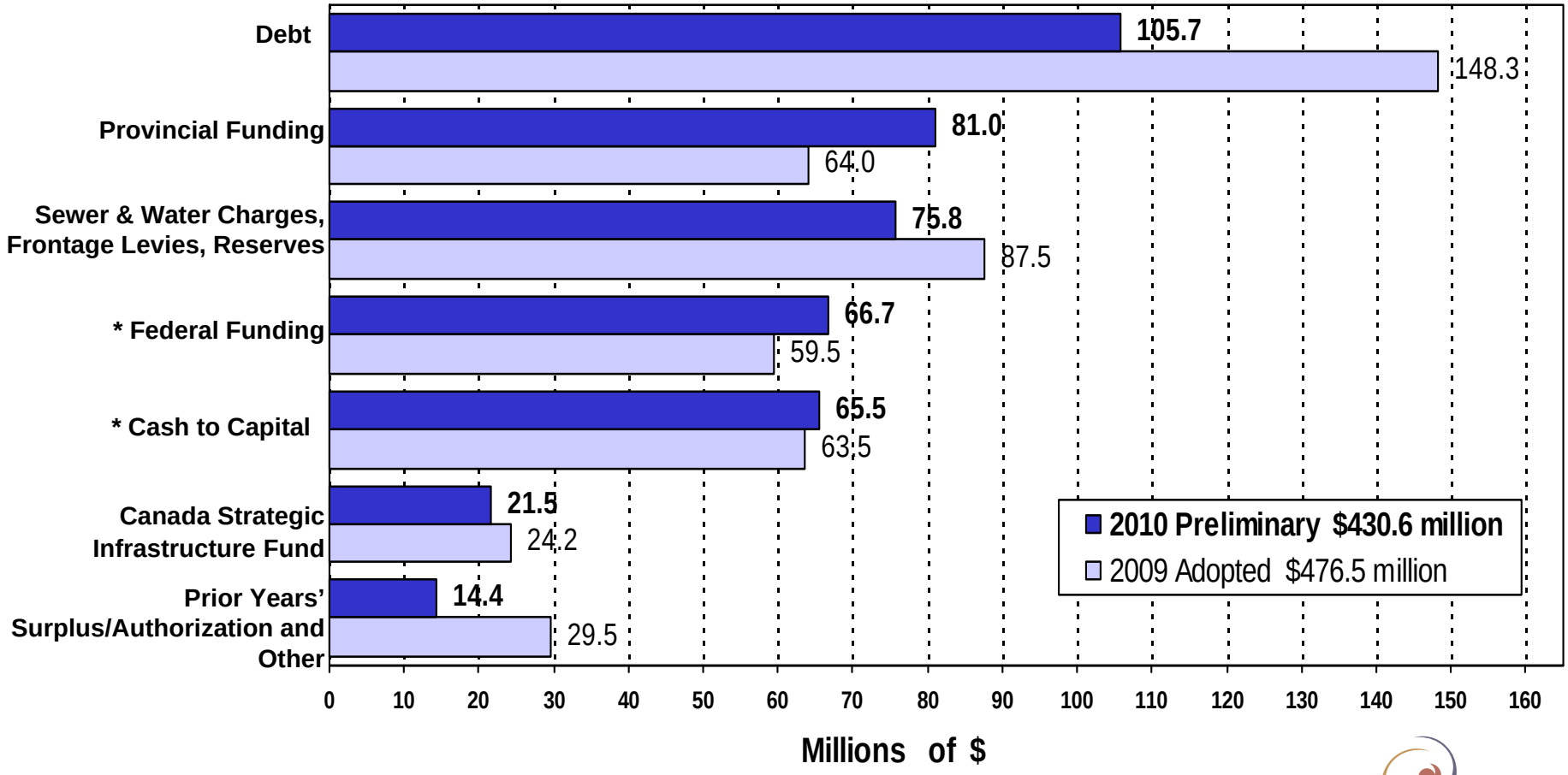
CAPITAL PROJECTS (Authorizations)



* 2009 Transit authorization includes $138 million for Southwest Rapid Transit Corridor – Stage 1

Winnipeg

CAPITAL FINANCING



* Includes funding for P3 payments.

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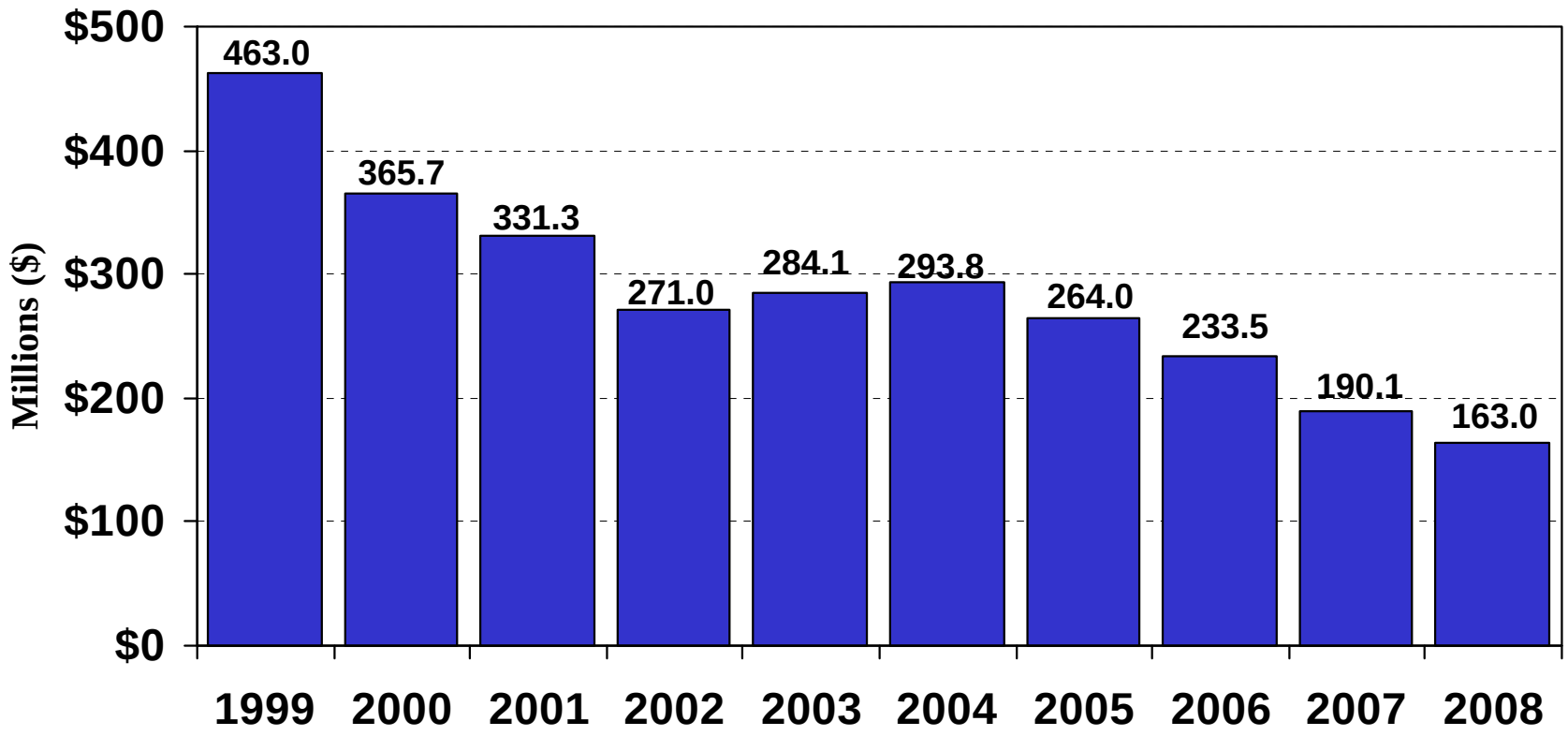
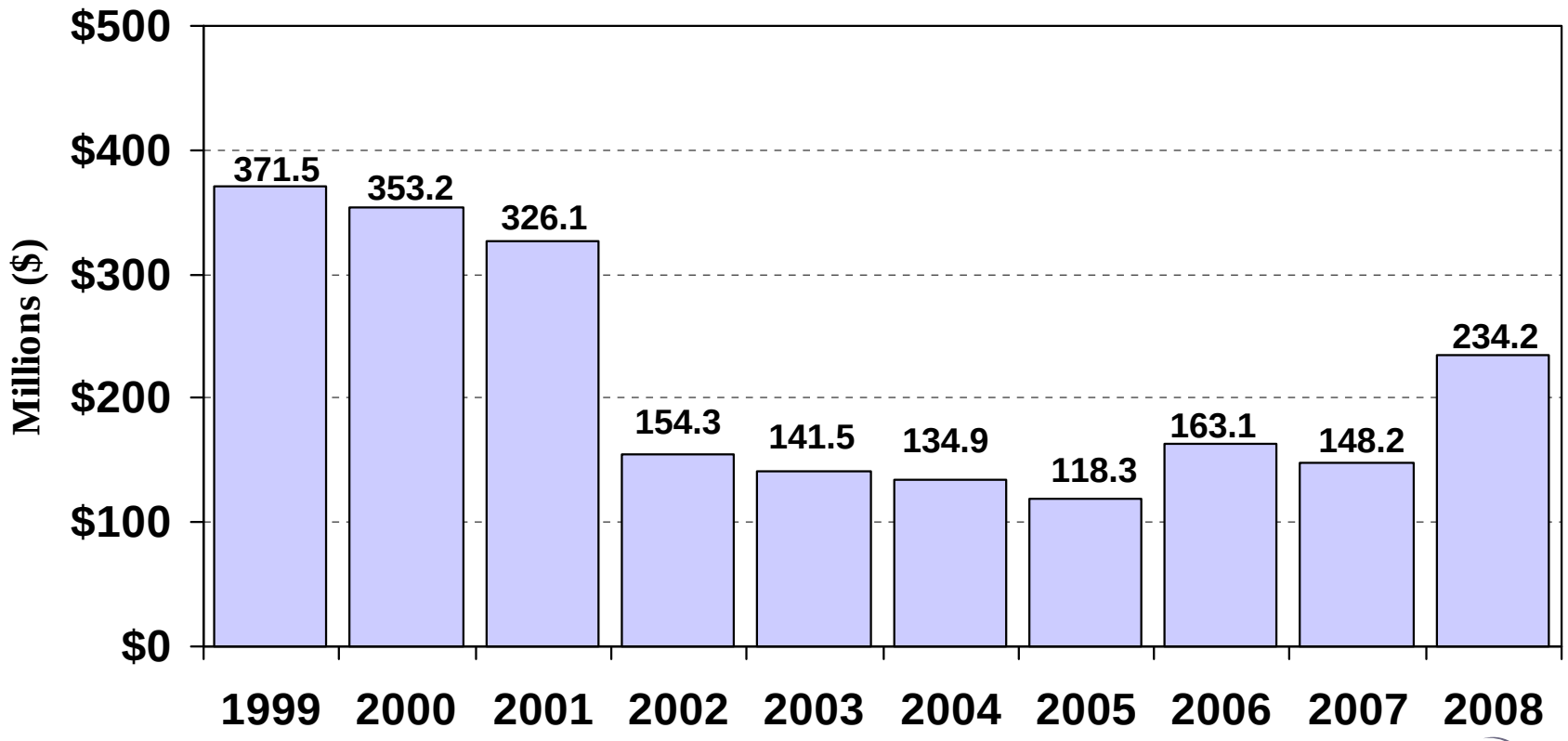
TAX SUPPORTED NET DEBENTURE DEBT



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

Winnipeg

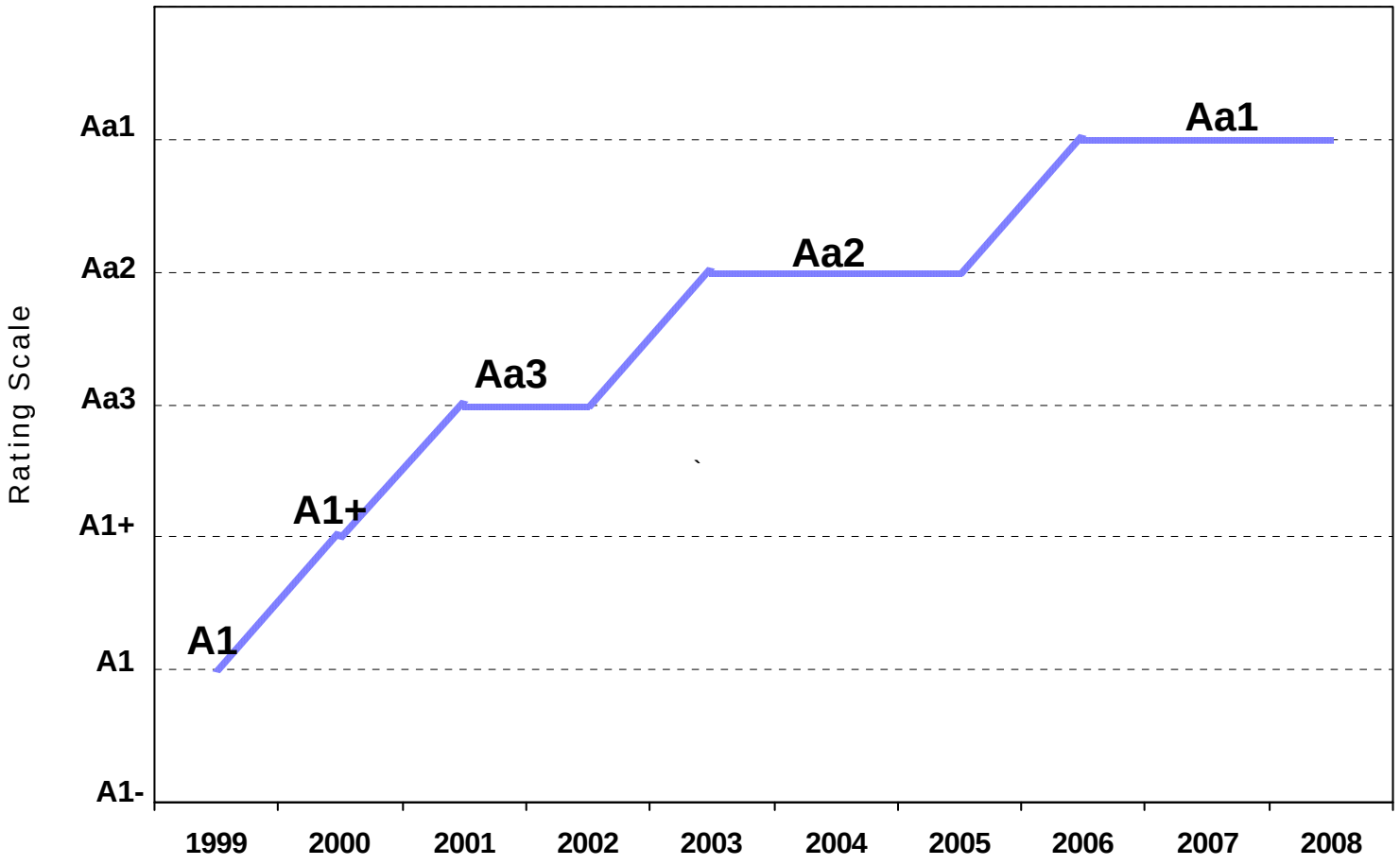
UTILITY NET DEBENTURE DEBT



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

Winnipeg

CREDIT RATING



Source Moody's Investors Service

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The City of Winnipeg

CAPITAL PROJECTS SUMMARY

2010
Preliminary Capital Budget

and

2011 to 2015
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November 16, 2009

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 financing amounts are not all allocated to individual capital projects. These unallocated financing amounts will offset cash to capital requirements.

3. The Public Service uses the Association for the Advancement of Cost Engineering (AACE) International Classification system for capital budget estimate purposes for all non-scalable projects. Capital estimates for non-scalable projects contained in this budget document are supported by a class 4 or 5 estimate, unless specifically noted.

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	Budget	Forecast					2010-2015 6 YEAR TOTAL
	2010	2011	2012	2013	2014	2015	
SUMMARY OF CAPITAL PROGRAM							
Public Works	**188,006**	**66,078**	**67,049**	**66,085**	**70,663**	**68,006**	**525,887**
Local Improvements		**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**15,000**
Land Drainage and Flood Control	**11,900**	**13,150**	**13,440**	**14,425**	**12,498**	**13,150**	**78,563**
Community Services & Community Incentive Grants	**12,456**	**10,508**	**7,888**	**9,919**	**9,250**	**14,673**	**64,694**
Winnipeg Police Service	**6,819**	**7,693**	**10,734**	**9,420**	**7,149**	**6,052**	**47,867**
Fire Paramedic Service	**2,800**		**2,700**	**2,300**	**858**	**5,000**	**13,658**
Planning, Property and Development	**6,965**	**5,764**	**5,901**	**5,684**	**5,846**	**6,094**	**36,254**
City Clerks	**1,100**	**700**	**700**	**850**	**700**	**700**	**4,750**
Corporate Support Services	**2,640**	**3,584**	**2,473**	**1,788**	**2,407**	**2,328**	**15,220**
Assessment and Taxation	**1,000**		**500**			**1,000**	**2,500**
Other Projects		**2,081**	**6,400**	**2,000**	**2,120**	**3,250**	**15,851**
Sub-Total Tax Supported General	**233,686**	**112,558**	**120,785**	**115,471**	**114,491**	**123,253**	**820,244**
Civic Accommodations	**6,200**	**1,900**	**3,224**	**4,250**	**4,130**	**3,800**	**23,504**
Building Services	**4,675**	**4,575**	**4,655**	**4,655**	**5,035**	**5,035**	**28,630**
Transit	**27,912**	**28,463**	**25,022**	**28,409**	**29,750**	**24,318**	**163,874**
Total Tax Supported Including Transit, Civic Accommodations, and Building Services	**272,473**	**147,496**	**153,686**	**152,785**	**153,406**	**156,406**	**1,036,252**
UTILITIES							
Waterworks System	**20,625**	**24,800**	**30,990**	**26,875**	**21,410**	**22,375**	**147,075**
Sewage Disposal System	**124,675**	**217,067**	**222,366**	**151,575**	**55,763**	**40,549**	**811,995**
Solid Waste Disposal System	**12,375**	**400**	**600**	**400**	**4,700**		**18,475**
Total Utilities	**157,675**	**242,267**	**253,956**	**178,850**	**81,873**	**62,924**	**977,545**
SPECIAL OPERATING AGENCIES							
Winnipeg Golf Services	**415**	**150**	**150**				**715**
Total Special Operating Agencies	**415**	**150**	**150**				**715**
TOTAL CAPITAL PROGRAM	**430,563**	**389,913**	**407,792**	**331,635**	**235,279**	**219,330**	**2,014,512**

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						
	Budget	Forecast					2010-2015 6 YEAR
	2010	2011	2012	2013	2014	2015	TOTAL
SUMMARY OF FINANCING SOURCES							
Cash to Capital (Equity in Capital Assets Fund)	65,478	67,478	69,478	71,478	73,478	75,478	422,868
Public Private Partnership Annual Service/Financing Payments	(8,469)	(27,584)	(28,760)	(30,067)	(30,067)	(30,067)	(155,014)
Frontage Levy	1,100						1,100
Reserves:							
- Transit Bus Replacement	5,976	9,836	10,239	7,466	7,466	7,466	48,449
- Rapid Transit Infrastructure		4,242					4,242
- Watermain Renewal	12,000	13,000	14,000	15,000	16,000	17,000	87,000
- Sewer System Rehabilitation	19,000	20,700	21,400	22,100	22,800	23,600	129,600
- Environmental	8,100	24,122	21,391	21,425	21,413	16,999	113,450
- Golf Course	300	173	173	23	23	23	715
- General Purpose (Repayment)	(250)	(8,000)	(1,000)				(9,250)
Interim Financing (Repayment)	(5,664)	(2,500)					(8,164)
Contributions from Other Levels of Government:							
- Canada Strategic Infrastructure Fund	21,539						21,539
- Federal Gas Tax	40,450	40,450	40,450	40,450	40,450	40,450	242,700
- Veterans Affairs Canada	150						150
- Federal Government Funding	25,037						25,037
- Public Transit Capital Trust/Bill C-66 Funding	1,000						1,000
- Recreational Infrastructure Canada Fund	50						50
- Manitoba Winnipeg Infrastructure Program	18,766	16,866	16,866	16,170	16,166	16,666	101,500
- Building Manitoba Fund	10,840	10,840	10,840	10,840	10,840	10,840	65,040
- Provincial Government Funding	26,354						26,354
- Provincial Funding for Road Improvements	25,000	25,000	25,000	25,000	25,000	25,000	150,000
Other Funders:							
- Developers		795	500	1,375		500	3,170
Proceeds from Glacial and Sand Gravel	2,732						2,732
Utilities Retained Earnings	29,567	41,545	54,065	62,425	24,660	12,825	225,087
Debt	105,723	152,950	153,150	67,950	7,050	2,550	489,373
Prior Years' Surplus/Authorization	17,073						17,073
TOTAL FINANCING SOURCES	421,852	389,913	407,792	331,635	235,279	219,330	2,005,801
Public Private Partnership Authorization	8,711						8,711
TOTAL CAPITAL PROGRAM	430,563	389,913	407,792	331,635	235,279	219,330	2,014,512

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						
	Budget	Forecast					2010-2015 6 YEAR TOTAL
	2010	2011	2012	2013	2014	2015	
FINANCING SOURCES							
TAX SUPPORTED							
Cash to Capital (Equity in Capital Assets Fund)	**65,363**	**67,501**	**69,501**	**71,501**	**73,501**	**75,501**	**422,868**
Public Private Partnership Annual Service/Financing Payments	**(8,469)**	**(27,584)**	**(28,760)**	**(30,067)**	**(30,067)**	**(30,067)**	**(155,014)**
Frontage Levy	**1,100**						**1,100**
Reserves:							
- Transit Bus Replacement	**5,976**	**9,836**	**10,239**	**7,466**	**7,466**	**7,466**	**48,449**
- Rapid Transit Infrastructure		**4,242**					**4,242**
- General Purpose (Repayment)	**(250)**	**(8,000)**	**(1,000)**				**(9,250)**
- Sewer System Rehabilitation	**6,400**	**7,500**	**7,500**	**7,500**	**7,500**	**7,500**	**43,900**
Interim Financing (Repayment)	**(5,664)**	**(2,500)**					**(8,164)**
Contributions from Other Levels of Government:							
- Canada Strategic Infrastructure Fund	**3,112**						**3,112**
- Federal Gas Tax	**40,450**	**40,450**	**40,450**	**40,450**	**40,450**	**40,450**	**242,700**
- Veterans Affairs Canada	**150**						**150**
- Federal Government Funding	**25,037**						**25,037**
- Public Transit Capital Trust/Bill C-66 Funding	**1,000**						**1,000**
- Recreational Infrastructure Canada Fund	**50**						**50**
- Manitoba Winnipeg Infrastructure Program	**18,766**	**16,866**	**16,866**	**16,170**	**16,166**	**16,666**	**101,500**
- Building Manitoba Fund	**10,840**	**10,840**	**10,840**	**10,840**	**10,840**	**10,840**	**65,040**
- Provincial Government Funding	**21,804**						**21,804**
- Provincial Funding for Road Improvements	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**	**150,000**
Other Funders:							
- Developers		**795**	**500**	**1,375**		**500**	**3,170**
Proceeds from Glacial and Sand Gravel	**2,732**						**2,732**
Debt	**30,000**	**2,550**	**2,550**	**2,550**	**2,550**	**2,550**	**42,750**
Prior Years' Surplus/Authorization	**17,073**						**17,073**
Transfer from Sewage Disposal System	**3,292**						**3,292**
TOTAL TAX SUPPORTED INCLUDING TRANSIT, CIVIC ACCOMMODATIONS AND BUILDING SERVICES	**263,762**	**147,496**	**153,686**	**152,785**	**153,406**	**156,406**	**1,027,541**
Public Private Partnership Authorization	**8,711**						**8,711**
TOTAL TAX SUPPORTED PROGRAM	**272,473**	**147,496**	**153,686**	**152,785**	**153,406**	**156,406**	**1,036,252**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						
	Budget	Forecast					2010-2015 6 YEAR TOTAL
	2010	2011	2012	2013	2014	2015	
UTILITIES							
Reserves:							
- Sewer System Rehabilitation	**12,600**	**13,200**	**13,900**	**14,600**	**15,300**	**16,100**	**85,700**
- Watermain Renewal	**12,000**	**13,000**	**14,000**	**15,000**	**16,000**	**17,000**	**87,000**
- Environmental	**8,100**	**24,122**	**21,391**	**21,425**	**21,413**	**16,999**	**113,450**
Utilities Retained Earnings	**29,567**	**41,545**	**54,065**	**62,425**	**24,660**	**12,825**	**225,087**
Debt	**75,723**	**150,400**	**150,600**	**65,400**	**4,500**		**446,623**
Transfer to General Capital Fund	**(3,292)**						**(3,292)**
Canada Strategic Infrastructure Fund (CSIF)	**18,427**						**18,427**
Provincial Government Funding	**4,550**						**4,550**
TOTAL UTILITIES	**157,675**	**242,267**	**253,956**	**178,850**	**81,873**	**62,924**	**977,545**
SPECIAL OPERATING AGENCIES							
- Cash to Capital (Equity in Capital Assets Fund)	**115**	**(23)**	**(23)**	**(23)**	**(23)**	**(23)**	
- Golf Course Reserve	**300**	**173**	**173**	**23**	**23**	**23**	**715**
TOTAL SPECIAL OPERATING AGENCIES	**415**	**150**	**150**				**715**
TOTAL FINANCING SOURCES	**430,563**	**389,913**	**407,792**	**331,635**	**235,279**	**219,330**	**2,014,512**

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
CAPITAL PROJECTS LISTING								
PUBLIC WORKS								
Active Transportation Facilities								
Recreational Walkways and Bike Paths - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund)			500	1,000	1,000	1,000	1,000	4,500
- Provincial Funding for Road Improvements		1,000	500					1,500
Total Recreational Walkways and Bike Paths - Various Locations	3-1	1,000	1,000	1,000	1,000	1,000	1,000	6,000
New Regional Sidewalks	3-2	250	250	250	250	250	250	1,500
Active Transportation Corridors	3-3	500	500	500	500	500	500	3,000
Active Transportation Project - Infrastructure Stimulus Fund								
- Cash to Capital (Equity in Capital Assets Fund)		6,805						6,805
- Provincial Government Funding		6,804						6,804
- Infrastructure Stimulus Fund		6,804						6,804
Total Active Transportation Project - Infrastructure Stimulus Fund	3-4	20,413						20,413
Total Active Transportation Facilities		22,163	1,750	1,750	1,750	1,750	1,750	30,913
Regional Streets								
Street Improvements								
Traffic Signals Enhancement	3-6	2,300	2,300	2,300				6,900
Developer Payback - Various Locations								
- Cash to Capital (Equity in Capital Assets Fund)		250	1,805	9,500				11,555
- Developer Funding			295					295
Total Developer Payback - Various Locations	3-7	250	2,100	9,500				11,850
Kenaston Blvd - Academy Road to Taylor Avenue	3-8		100	100	100	100	100	500
Traffic Engineering Improvements - Various Locations	3-9	850	950	1,050	1,150	1,250	1,350	6,600
Inkster Blvd - Keewatin Street to Brookside Blvd - First Call on 2010 Capital Budget, $15.770 million (Council April 29, 2009)								
- Provincial Funding for Road Improvements		7,100						7,100
- Federal Gas Tax		8,670						8,670
Total Inkster Blvd - Keewatin Street to Brookside Blvd	3-10	15,770						15,770
Total Street Improvements		19,170	5,450	12,950	1,250	1,350	1,450	41,620

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
Regional and Local Streets								
- Cash to Capital (Equity in Capital Assets Fund)		**11,390**	**21,400**	**10,423**	**26,078**	**29,622**	**22,863**	**121,776**
- Federal Gas Tax		**14,038**	**9,355**	**9,355**	**9,355**	**9,355**	**9,355**	**60,813**
- Provincial Building Manitoba Fund - Roads		**7,000**	**7,000**	**7,000**	**7,000**	**7,000**	**7,000**	**42,000**
Total Regional and Local Streets	3-11	**32,428**	**37,755**	**26,778**	**42,433**	**45,977**	**39,218**	**224,589**
Waterway Crossings and Grade Separations								
Sturgeon Road Bridge (Sturgeon Creek)	3-13	**1,000**	**1,033**	**10,977**				**13,010**
Osborne Street Bridge (Assiniboine River)								
- Cash to Capital (Equity in Capital Assets Fund)		**177**	**3,388**	**3,160**				**6,725**
- Provincial Funding for Road Improvements		**178**	**3,388**	**3,134**				**6,700**
Total Osborne Street Bridge (Assiniboine River)	3-14	**355**	**6,776**	**6,294**				**13,425**
Jubilee Avenue Overpass (Pembina Hwy)								
- Provincial Funding for Road Improvements		**1,876**						**1,876**
- Federal Gas Tax		**5,762**						**5,762**
Total Jubilee Avenue Overpass (Pembina Hwy)	3-15	**7,638**						**7,638**
Waverley Street / CN Mainline Grade Separation	3-16		**1,119**					**1,119**
Louise Bridge (Red River)	3-17				**2,581**		**2,000**	**4,581**
Pembina Highway Underpass	3-18		**1,300**		**7,000**	**6,000**		**14,300**
St. James Street Bridge (Omand's Creek)	3-19			**200**	**1,961**			**2,161**
Ness Avenue Culvert (Sturgeon Creek)	3-20				**1,000**	**2,000**	**8,000**	**11,000**
Portage Avenue Bridge (Sturgeon Creek)	3-21			**500**	**500**	**5,000**		**6,000**
Saskatchewan Avenue Bridge (Omand's Creek)	3-22					**500**	**2,000**	**2,500**
Lyndale Drive - Retaining Wall Rehabilitiation	3-23					**500**	**3,500**	**4,000**
Osborne Street Underpass	3-24						**2,500**	**2,500**
Waterway Crossing and Grade Separations-Annual Program	3-25	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**12,000**
Disraeli Bridge and Overpass Facility								
- Public Private Partnership (no impact on 2010 financing)		**38,711**						**38,711**
- Cash to Capital (Equity in Capital Assets Fund)		**7,000**						**7,000**
- Federal Gas Tax		**6,100**	**19,800**	**19,800**	**19,800**	**19,800**	**19,800**	**105,100**
- Encumbrance Toward Commissioning Payment		**(6,100)**						**(6,100)**
- Public Private Partnership Annual Service/Financing Payments			**(19,800)**	**(19,800)**	**(19,800)**	**(19,800)**	**(19,800)**	**(99,000)**
Total Disraeli Bridge and Overpass Facility	3-26	**45,711**						**45,711**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
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	3-28							
Total Waterway Crossings and Grade Separations		**56,704**	**12,228**	**19,971**	**15,042**	**16,000**	**20,000**	**139,945**
New Transportation Facilities								
Chief Peguis Trail - Henderson Highway to Lagimodiere Blvd								
- Public Private Partnership		**(30,000)**						**(30,000)**
- Federal Gas Tax			**5,415**	**5,415**	**5,415**	**5,415**	**5,415**	**27,075**
- Public Private Partnership Annual Service/Financing Payments			**(5,415)**	**(5,415)**	**(5,415)**	**(5,415)**	**(5,415)**	**(27,075)**
- External Debt		**30,000**						**30,000**
Total Chief Peguis Trail - Henderson Highway to Lagimodiere Blvd	3-29							
Waverley West Arterial Roads Project								
- Cash to Capital (Equity in Capital Assets Fund)		**10,567**	**3,400**					**13,967**
- Transfer from Prior Authorization - 2009 Developer Payback		**7,500**						**7,500**
- Building Canada Funding		**18,233**						**18,233**
- Provincial Government Funding		**15,000**						**15,000**
Total Waverley West Arterial Roads Project	3-31	**51,300**	**3,400**					**54,700**
Total New Transportation Facilities		**51,300**	**3,400**					**54,700**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
Other Streets Projects								
Asset Management System - Various Divisions	3-33	**100**	**100**	**100**	**100**	**100**	**100**	**600**
Land Drainage Sewers - Regional / Local Streets	3-34	**150**	**150**	**150**	**150**	**150**	**150**	**900**
Land Acquisition - Transportation Right of Way	3-35	**300**	**300**	**300**	**300**	**300**	**300**	**1,800**
Sand / Salt Storage Facility	3-36		**500**					**500**
City-Wide Accessibility Program	3-37	**350**	**350**	**350**	**350**	**350**	**350**	**2,100**
Winnipeg Transportation Strategy	3-38	**650**						**650**
Total Other Streets Projects		**1,550**	**1,400**	**900**	**900**	**900**	**900**	**6,550**
TOTAL STREETS PROJECTS		**183,315**	**61,983**	**62,349**	**61,375**	**65,977**	**63,318**	**498,317**
Parks and Open Space								
Reforestation - Improvements	3-39	**383**	**383**	**433**	**383**	**383**	**383**	**2,348**
Athletic Fields - Improvements	3-40	**200**	**200**	**200**	**200**	**200**	**200**	**1,200**
Parks - Improvements	3-41	**808**	**262**	**617**	**677**	**653**	**655**	**3,672**
Playground Structures								
- Cash to Capital (Equity in Capital Assets Fund)		**1,750**	**1,750**	**1,800**	**1,800**	**1,800**	**1,800**	**10,700**
- Recreational Infrastructure Canada Fund		**50**						**50**
Total Playground Structures	3-42	**1,800**	**1,750**	**1,800**	**1,800**	**1,800**	**1,800**	**10,750**
Pathway / Roadway / Tennis Court Upgrading	3-43			**150**	**150**	**150**	**150**	**600**
Community Park Amenities - First Call on 2010 Capital Budget - Chochinov Park, $40,000 (Council June 24, 2009)	3-44	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**9,000**
Total Parks and Open Space		**4,691**	**4,095**	**4,700**	**4,710**	**4,686**	**4,688**	**27,570**
TOTAL PUBLIC WORKS		**188,006**	**66,078**	**67,049**	**66,085**	**70,663**	**68,006**	**525,887**
LOCAL IMPROVEMENTS - Ongoing Program								
- Cash to Capital (Equity in Capital Assets Fund)		**1,000**	**450**	**450**	**450**	**450**	**450**	**3,250**
- Interim Financing (Repayment)		**(1,000)**						**(1,000)**
- External Debt			**2,550**	**2,550**	**2,550**	**2,550**	**2,550**	**12,750**
TOTAL LOCAL IMPROVEMENTS	3-45		**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**15,000**

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
COMMUNITY SERVICES								
Community Incentive Grant Program	3-46	**2,774**	**1,508**	**1,538**	**1,569**	**1,600**	**1,632**	**10,621**
Library Replacement - Various	3-47		**5,000**	**3,000**	**3,000**	**2,000**	**3,000**	**16,000**
Library Shelving and Furniture Replacement Program	3-48			**200**	**200**	**200**	**200**	**800**
Integrated Property Based Information Systems	3-49	**250**						**250**
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package	3-50	**160**						**160**
Insect Control - Replace 3 Grey Street Operations Building	3-51						**1,000**	**1,000**
Renovate and Refurbish Various Library Branches	3-52	**300**		**300**	**1,000**	**1,000**		**2,600**
Imaging and Document Management	3-53		**250**	**250**				**500**
Library Technology Upgrade and Replacement	3-54	**200**				**500**	**500**	**1,200**
Recreational Facility Safety & Accessibility Improvements	3-55	**300**		**400**	**400**	**500**	**500**	**2,100**
Library Signage, Safety and Accessibility	3-56			**200**	**200**	**200**	**200**	**800**
Recreation Equipment Program - New Facilities	3-57						**600**	**600**
Business Application Systems	3-58				**250**			**250**
Technology Upgrade and Replacement	3-59					**250**		**250**
Mobile Library Service Vehicle	3-60				**300**			**300**
Recreation Facility Replacement - Various	3-61	**500**	**1,750**				**2,791**	**5,041**
Insect Control - Information System	3-62						**1,250**	**1,250**
Assiniboine Park Conservancy - Building Repairs and Upgrades Plan (formerly Assiniboine Park Amenities Improvements / Development)	3-63	**5,123**	**2,000**	**2,000**	**3,000**	**3,000**	**3,000**	**18,123**
Assiniboine Park Conservancy - Development Plan								
- Cash to Capital (Equity in Capital Assets Fund)		**117**						**117**
- Proceeds from Glacial and Sand Gravel		**2,732**						**2,732**
Total Assiniboine Park Conservancy - Development Plan	3-64	**2,849**						**2,849**
TOTAL COMMUNITY SERVICES		**12,456**	**10,508**	**7,888**	**9,919**	**9,250**	**14,673**	**64,694**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
WINNIPEG POLICE SERVICE								
Digital Recording - Interview Rooms	3-65			523				523
Police Headquarters	3-66	5,640		7,611	8,220	6,556		28,027
Winnipeg Police Service Communications	3-67		7,193					7,193
Wireless Emergency 911 Upgrade	3-68	260						260
Automated Fingerprint Identification System (AFIS) Replacement	3-69		500					500
Police Priority Dispatch System	3-70	427						427
Information Systems - Unified Management, Storage, and Archiving System	3-71					593		593
Mobile Laptops	3-72				1,200			1,200
Officer Mobile Video System	3-73						1,000	1,000
Furniture	3-74						566	566
Radio Upgrade for Districts 3 and 4	3-75						500	500
Computer Upgrades - Data Integrity and Protection	3-76	492						492
Computer Assisted Dispatch	3-77						1,000	1,000
Crime Analysis System/Child Exploitation Software/Crime Tracking System	3-78						1,460	1,460
Long Term Computer Upgrades	3-79						1,526	1,526
Police Building Replacement								
- Public Private Partnership								
- Cash to Capital (Equity in Capital Assets Fund)		891	891	4,667	3,374	3,374	3,374	16,571
- Public Private Partnership Lease Payments		(891)	(891)	(2,067)	(3,374)	(3,374)	(3,374)	(13,971)
Total Police Building Replacement	3-80			2,600				2,600
TOTAL WINNIPEG POLICE SERVICE		6,819	7,693	10,734	9,420	7,149	6,052	47,867
FIRE PARAMEDIC SERVICE								
Facilities Replacement and Relocation Program								
- Cash to Capital (Equity in Capital Assets Fund)		1,496		2,700	2,300	858	3,000	10,354
- Manitoba Winnipeg Infrastructure Program		1,304						1,304
Total Facilities Replacement and Relocation Program	3-81	2,800		2,700	2,300	858	3,000	11,658
Replacement Radio System	3-83						2,000	2,000
TOTAL FIRE PARAMEDIC SERVICE		2,800		2,700	2,300	858	5,000	13,658

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
PLANNING, PROPERTY AND DEVELOPMENT								
Computer Automation	3-84	**350**	**200**	**200**	**200**	**200**	**200**	**1,350**
Riverbank Greenway Programs	3-85	**385**	**403**	**551**	**381**	**448**	**434**	**2,602**
Cemeteries - Improvements								
- Cash to Capital (Equity in Capital Assets Fund)		**400**	**300**	**200**	**200**	**200**	**260**	**1,560**
- Veterans Affairs Canada		**150**						**150**
Total Cemeteries - Improvements	3-86	**550**	**300**	**200**	**200**	**200**	**260**	**1,710**
Downtown Enhancement Program	3-87	**400**	**400**	**400**	**400**	**400**	**400**	**2,400**
Image Route Enhancements / Streetscaping	3-88	**400**	**400**	**400**	**400**	**400**	**400**	**2,400**
Public Art Strategy	3-90	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Land Acquisition for General Unspecified Purposes	3-91	**200**	**300**	**400**	**400**	**400**	**400**	**2,100**
Developer Payback	3-92	**280**	**261**	**250**	**203**	**298**		**1,292**
Central Park Redevelopment	3-93	**400**						**400**
Riverbank Stabilization - Physical Asset Protection								
- Cash to Capital (Equity in Capital Assets Fund)		**600**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**5,600**
- Manitoba Winnipeg Infrastructure Program (MWIP)		**900**						**900**
Total Riverbank Stabilization - Physical Asset Protection	3-94	**1,500**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**6,500**
Building Communities Initiative II								
- Cash to Capital (Equity in Capital Assets Fund)		**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,250**	**6,250**
- Manitoba Winnipeg Infrastructure Program (MWIP)		**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,250**	**6,250**
Total Building Communities Initiative II	3-96	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**2,500**	**12,500**
TOTAL PLANNING, PROPERTY AND DEVELOPMENT		**6,965**	**5,764**	**5,901**	**5,684**	**5,846**	**6,094**	**36,254**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
CIVIC ACCOMMODATIONS								
General Building Renovation and Refurbishing	3-97	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Civic Buildings - Barrier Free Access	3-98		**300**	**300**		**230**	**100**	**930**
Removal of Asbestos	3-99	**300**	**100**	**124**	**100**	**500**	**200**	**1,324**
Roof Replacement	3-100	**800**	**200**	**200**	**250**	**400**	**400**	**2,250**
Fire Safety Upgrading - Various Locations	3-101	**500**	**200**	**200**	**200**	**400**	**300**	**1,800**
Energy Conservation	3-102	**300**		**200**		**200**	**100**	**800**
Civic Centre Car Park Tunnel	3-103			**200**				**200**
Tenant Improvement Prepayment - Major Department	3-104			**500**		**500**	**200**	**1,200**
Historic Building Stabilization	3-105	**400**		**200**	**200**	**200**	**200**	**1,200**
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades	3-106	**900**		**200**	**500**	**500**	**500**	**2,600**
Building Envelope - Evaluation and Emergency Repair	3-107			**200**		**200**	**300**	**700**
Elevator and Escalator Repair	3-108	**800**	**400**	**200**	**300**	**300**	**400**	**2,400**
510 Main Street - Generator Set Replacement	3-109				**1,600**			**1,600**
Surface Parking Lot Repairs	3-110	**200**	**200**	**200**	**200**	**200**	**200**	**1,200**
Generator Set Replacement and Upgrades	3-111				**200**		**200**	**400**
Electrical Distribution System Upgrades	3-112				**200**		**200**	**400**
510 Main Street - Accessibility Upgrade	3-113	**1,000**						**1,000**
Campus Area Security Upgrades	3-114	**500**						**500**
TOTAL CIVIC ACCOMMODATIONS		**6,200**	**1,900**	**3,224**	**4,250**	**4,130**	**3,800**	**23,504**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
BUILDING SERVICES								
Community Centres - Refurbishing and Improvements	3-115	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Arenas	3-116	**525**	**525**	**525**	**525**	**525**	**525**	**3,150**
Indoor Aquatic Facilities	3-117	**650**	**2,450**	**2,530**	**2,530**	**2,530**	**2,530**	**13,220**
Outdoor Aquatic Facilities	3-118	**350**	**350**	**350**	**350**	**330**	**330**	**2,060**
Community Facilities	3-119	**200**	**200**	**200**	**200**	**200**	**200**	**1,200**
Fire / Life Safety Replacement / Asbestos Abatement	3-120	**225**	**225**	**225**	**225**	**225**	**225**	**1,350**
Security / Building Automation Systems Initiatives	3-121	**125**	**125**	**125**	**125**	**225**	**225**	**950**
Building Asset / Work Management Program	3-122	**100**	**100**	**100**	**100**	**200**	**200**	**800**
UFF - Hockey Pen Light Standard Replacement	3-123	**100**	**100**	**100**	**100**	**300**	**300**	**1,000**
Pan Am Pool Building Envelope	3-124	**1,000**						**1,000**
North End Centennial Pool Boiler/Chimney Replacement	3-125	**800**						**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		**3,112**						**3,112**
- Interim Financing (Repayment)		**(7,164)**						**(7,164)**
Total Recreation and Leisure Facilities	3-126	**100**						**100**
TOTAL BUILDING SERVICES		**4,675**	**4,575**	**4,655**	**4,655**	**5,035**	**5,035**	**28,630**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
CITY CLERKS								
Office Automation	3-127		200		200		200	600
Corporate Records Centre	3-128			200				200
Election Systems	3-129	150			150	200		500
Voting Machine Replacement	3-130	250						250
City Archives	3-131	500	500	500	500	500	500	3,000
Security for Council Building	3-132	200						200
TOTAL CITY CLERKS		1,100	700	700	850	700	700	4,750
CORPORATE SUPPORT SERVICES								
Server Consolidation	3-133	833						833
Time and Labour	3-134	250						250
Consolidated Data Warehouse / Business Intelligence	3-135	795	925		169	203	218	2,310
E-Government	3-136		310	617	629	705	603	2,864
Communications Network Infrastructure	3-137	553	638	643	277	641	566	3,318
Network Computing Initiatives	3-138	209	211	213	213	212	212	1,270
PeopleSoft Upgrade	3-139		1,500	1,000	200			2,700
311 Renewal	3-140				300	646	729	1,675
TOTAL CORPORATE SUPPORT SERVICES		2,640	3,584	2,473	1,788	2,407	2,328	15,220
ASSESSMENT AND TAXATION								
Assessment Automation	3-141	1,000		500			1,000	2,500
OTHER PROJECTS								
Innovative Capital								
- Cash to Capital (Equity in Capital Assets Fund)		250						250
- General Purpose Reserve (Repayment)		(250)						(250)
Total Innovative Capital	3-142							
Capital Investment Fund	3-143		2,081	6,400	2,000	2,120	3,250	15,851
TOTAL OTHER PROJECTS			2,081	6,400	2,000	2,120	3,250	15,851

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
TRANSIT								
Transit Security Enhancements	3-144	**250**						**250**
Fare Collection System								
- Cash to Capital (Equity in Capital Assets Fund)		**5,370**	**4,870**					**10,240**
- Interim Financing		**2,500**	**(2,500)**					
Total Fare Collection System	3-145	**7,870**	**2,370**					**10,240**
Innovative Transit Program	3-146	**800**	**800**	**800**	**1,000**	**1,000**	**1,000**	**5,400**
Transit Building Replacement / Refurbishment								
- Cash to Capital (Equity in Capital Assets Fund)			**1,413**	**3,842**	**4,944**	**5,970**		**16,169**
- Federal Gas Tax		**5,880**	**5,880**	**5,880**	**5,880**	**5,880**	**4,771**	**34,171**
Total Transit Building Replacement / Refurbishment	3-147	**5,880**	**7,293**	**9,722**	**10,824**	**11,850**	**4,771**	**50,340**
Transit Buses								
- Cash to Capital (Equity in Capital Assets Fund)		**2,296**	**82**	**421**	**5,279**	**5,594**	**6,132**	**19,804**
- Transit Bus Replacement Reserve		**5,976**	**9,836**	**10,239**	**7,466**	**7,466**	**7,466**	**48,449**
- 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**
- Federal Gas Tax							**1,109**	**1,109**
- Public Transit Capital Trust/Bill C-66 Funding		**1,000**						**1,000**
Total Transit Buses	3-148	**13,112**	**18,000**	**14,500**	**16,585**	**16,900**	**18,547**	**97,644**
TOTAL TRANSIT		**27,912**	**28,463**	**25,022**	**28,409**	**29,750**	**24,318**	**163,874**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
WATER & WASTE								
Land Drainage and Flood Control - Tax Supported Portion								
Land Drainage and Flood Control - Regional								
Financed by Equity in Capital Assets:								
Stormwater Retention Basin Rehabilitation	3-149		**200**		**400**		**400**	**1,000**
Flood Pumping Station Rehabilitation	3-150	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**6,000**
Land Drainage and Combined Sewers Outfall Gate Structures	3-151	**1,450**	**1,450**	**1,500**	**1,500**	**1,500**	**1,500**	**8,900**
Floodplain Management	3-152	**500**	**100**	**200**		**100**		**900**
Seine River Waterway Acquisition	3-153	**150**	**150**	**150**	**150**	**150**	**150**	**900**
Primary Dike Upgrading	3-154	**300**		**490**	**500**	**948**	**900**	**3,138**
Land Drainage Safety Upgrading Program	3-155	**200**		**100**		**100**		**400**
Land Drainage Asset Management Strategy	3-156		**200**					**200**
Land Drainage Utility Study and Implementation	3-157		**500**					**500**
Permanent Flood Pumping Stations	3-158	**200**		**250**				**450**
Financed by Frontage Levy and Sewer System Rehabilitation Reserve:								
Combined Sewer Flood Relief								
- Frontage Levy		**800**						**800**
- Sewer System Rehabilitation Reserve		**6,400**	**7,200**	**7,200**	**7,200**	**7,200**	**7,200**	**42,400**
Total Combined Sewer Flood Relief	3-159	**7,200**	**7,200**	**7,200**	**7,200**	**7,200**	**7,200**	**43,200**
Flood Relief Sewers - Separate								
- Frontage Levy		**300**						**300**
- Sewer System Rehabilitation Reserve			**300**	**300**	**300**	**300**	**300**	**1,500**
Total Flood Relief Sewers - Separate	3-160	**300**	**300**	**300**	**300**	**300**	**300**	**1,800**
Financed by Developer Capacity Charges:								
Development Agreement Paybacks	3-161		**500**	**500**	**500**		**500**	**2,000**
Fernbank Avenue Land Drainage Sewer	3-162				**875**			**875**
Total Land Drainage and Flood Control - Regional		**11,300**	**11,600**	**11,690**	**12,425**	**11,298**	**11,950**	**70,263**
Land Drainage and Flood Control - Residential								
Outfall Rehabilitation - Cash to Capital (Equity in Capital Assets Fund)	3-163	**600**	**1,550**	**1,750**	**2,000**	**1,200**	**1,200**	**8,300**
Total Land Drainage and Flood Control - Residential		**600**	**1,550**	**1,750**	**2,000**	**1,200**	**1,200**	**8,300**
TOTAL LAND DRAINAGE AND FLOOD CONTROL		**11,900**	**13,150**	**13,440**	**14,425**	**12,498**	**13,150**	**78,563**

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		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
WATER WORKS SYSTEM								
Financed by Waterworks Retained Earnings:								
Saskatchewan Avenue Feedermain	3-164				3,400			3,400
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-165		1,800	2,900				4,700
Shoal Lake Aqueduct Intake Facility Assessment and Rehabilitation	3-166	1,700						1,700
Shoal Lake Intake Chloramination Facility	3-167			2,000				2,000
General Water Infrastructure Rehabilitation	3-168		300	300	300	500	500	1,900
Waverley West Feedermain	3-169			7,000				7,000
Feedermain Condition Assessment and Rehabilitation	3-170			500	500	1,000	1,000	3,000
Water Utility Asset Management Strategy	3-171		200					200
Water Supply Valve Installation / Replacement Program	3-172		750	750	750	750	750	3,750
Hurst Pumping Station Building - Structural Repairs	3-173	200	900					1,100
Chlorination Decommission at Regional Pump Stations	3-174			115				115
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-175	300						300
Deacon Chemical Feed Facility Upgrading	3-176	400	1,000					1,400
Regional Pumping Stations Structural Upgrades	3-177		500					500
Wilkes Reservoir "B" Pit Upgrades/Rehabilitation	3-178		600					600
Asbestos Containing Materials Operations & Maintenance Program	3-179		125	125	125		125	500
Branch I Aqueduct at Seine River - Riverbank Stabilization	3-180	1,000						1,000
Regional Pumping Stations Reliability Upgrades	3-181		1,000	1,000	1,000	1,000		4,000
Waterworks System Security Upgrades	3-182	500	500	500	500	500	500	3,000
Regulatory Assessment of Water System Infrastructure and Water Supply Sources	3-183					910		910
Customer Information and Services System (CISS) Project - Phase 2	3-184	1,025						1,025
Cost of Service Rates Study	3-185	150						150
Safety Upgrades - Regional Reservoir Access	3-186	700						700
Synergen/GIS Interface	3-187	150						150
552 Plinguet - Water Services Building Roof Rehabilitation	3-188	300						300
Aqueduct Bridging Structure at Deacon	3-189	100	600					700
Civil Maintenance Shop and Storage Building at Deacon	3-190	500						500
Deacon Reservoir Box Culvert Rehabilitation and Embankment Repairs	3-191	800	1,200					2,000

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL						
		Budget	Forecast					2010-2015 6 YEAR TOTAL
		2010	2011	2012	2013	2014	2015	
WATER WORKS SYSTEM (continued)								
Deacon Booster Pumping Station Suction Header Divider Valve	3-192	**100**	**1,200**					**1,300**
GIS Database Upgrades and Continuous Development	3-193	**100**						**100**
Foundation Drainage Improvements for Deacon Booster Pumping Station	3-194		**250**					**250**
Water Works By-law 504/73 Revision	3-195		**175**					**175**
Deacon Site Flood Protection	3-196			**500**				**500**
Tache Booster Pumping Station	3-197				**5,300**			**5,300**
Water Treatment Research and Process Optimization Facility	3-198					**750**		**750**
Branch Aqueduct Condition Assessment and Rehabilitation	3-199						**1,000**	**1,000**
Water Services Division Operations Accreditation	3-200						**500**	**500**
Total Financed by Waterworks Retained Earnings		**8,025**	**11,100**	**15,690**	**11,875**	**5,410**	**4,375**	**56,475**
Watermain Renewals - Watermain Renewal Reserve	3-201	**12,000**	**13,000**	**14,000**	**15,000**	**16,000**	**17,000**	**87,000**
Shoal Lake Aqueduct Asset Preservation - Retained Earnings	3-202	**600**	**700**	**1,300**			**1,000**	**3,600**
TOTAL WATERWORKS SYSTEM (Utility Supported)		**20,625**	**24,800**	**30,990**	**26,875**	**21,410**	**22,375**	**147,075**

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CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
SEWAGE DISPOSAL SYSTEM								
Sewage Disposal System - Regional								
Financed by Sewage Disposal System Retained Earnings:								
Lift Stations Upgrading	3-203	**750**	**1,750**	**1,750**	**750**	**750**	**750**	**6,500**
Inflow / Infiltration / Cross-Connection Study and Mitigation	3-204					**2,000**		**2,000**
Sewer System Isolation in Areas Protected by Secondary Dikes	3-205		**500**	**1,000**	**1,000**			**2,500**
Raw Sewage Pump Replacement - NEWPCC	3-206	**2,550**	**5,450**					**8,000**
Upgrading External Power Supply - NEWPCC	3-207			**6,000**				**6,000**
Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres	3-208	**2,050**	**2,800**					**4,850**
Re-Roofing at Water Pollution Control Centres	3-209		**400**		**400**		**400**	**1,200**
Centrifuge Replacement - NEWPCC	3-210			**9,500**				**9,500**
River Crossings Monitoring and Rehabilitation	3-211	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**7,800**
Asbestos Containing Materials Operations & Maintenance Program	3-212	**200**	**125**	**125**				**450**
Digester Area Upgrades - NEWPCC	3-213	**900**						**900**
Water Pollution Control Centre Reliability Upgrades	3-214		**2,500**	**2,500**	**5,000**	**5,000**	**5,000**	**20,000**
HVAC Replacement - WEWPCC	3-215	**6,000**	**6,320**					**12,320**
Traffic Safety Upgrades - NEWPCC	3-216				**2,450**			**2,450**
Holding Tanks Coating - NEWPCC	3-217				**2,550**			**2,550**
Primary Clarifier Covers - NEWPCC	3-218				**25,500**			**25,500**
Wastewater Utility Asset Management Strategy	3-219	**200**	**200**					**400**
Customer Information and Services System (CISS) Project - Phase 2	3-220	**1,025**						**1,025**
Cost of Service Rates Study	3-221	**150**						**150**
New Discharge Chamber - NEWPCC	3-222				**5,000**	**10,000**		**15,000**
New Surgewell - NEWPCC	3-223		**4,000**	**9,000**				**13,000**
Grit Handling Upgrades - NEWPCC	3-224		**2,400**	**4,900**	**6,600**			**13,900**
Synergen/GIS Interface	3-225	**150**						**150**
GIS Database Upgrades and Continuous Development	3-226	**100**						**100**
Main Pump Well Overhead Crane Replacement - NEWPCC	3-227	**400**						**400**
Raw Sewage Pump - WEWPCC	3-228	**3,000**						**3,000**
Cockburn & Jesse Lift Stations Upgrades to Facilitate Fort Rouge Yards Development	3-229		**2,000**	**1,000**				**3,000**
Variable Frequency Drives (VFDs) for Process Blowers - WEWPCC	3-230	**200**						**200**
Total Financed by Sewage Disposal Retained Earnings		**18,975**	**29,745**	**37,075**	**50,550**	**19,050**	**7,450**	**162,845**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL Budget 2010	Forecast 2011	2012	2013	2014	2015	2010-2015 6 YEAR TOTAL
Financed by Other Sources:								
Environmental Impact Statement and Public Hearings - Environmental Reserve	3-231	**100**	**200**	**200**	**100**	**100**	**100**	**800**
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation - Environmental Reserve	3-232	**8,000**	**9,000**	**9,000**	**10,000**	**10,000**	**10,000**	**56,000**
Biosolids - Alternative Disposal Delivery & Management System - Environmental Reserve	3-233		**14,922**	**12,191**	**11,325**	**11,313**	**6,899**	**56,650**
Nutrient Removal / Expansion - SEWPCC								
- Canada Strategic Infrastructure Fund (CSIF) - Federal		**8,035**						**8,035**
- Canada Strategic Infrastructure Fund (CSIF) - Provincial		**10,392**						**10,392**
- External Debt		**48,865**						**48,865**
- Transfer to General Capital Fund		**(3,292)**						**(3,292)**
Total Nutrient Removal - SEWPCC	3-234	**64,000**						**64,000**
Nutrient Removal - NEWPCC - External Debt	3-236	**21,000**	**150,000**	**150,000**	**65,000**			**386,000**
Total Sewage Disposal System - Regional		**112,075**	**203,867**	**208,466**	**136,975**	**40,463**	**24,449**	**726,295**
Sewer Renewal - Sewer System Rehabilitation Reserve	3-237	**12,600**	**13,200**	**13,900**	**14,600**	**15,300**	**16,100**	**85,700**
TOTAL SEWAGE DISPOSAL SYSTEM		**124,675**	**217,067**	**222,366**	**151,575**	**55,763**	**40,549**	**811,995**

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SOLID WASTE DISPOSAL SYSTEM								
Summit Landfill Closure / Post-Closure								
- Retained Earnings								
- External Debt			400	400	400			1,200
Total Summit Landfill Closure / Post-Closure	3-238		400	400	400			1,200
Miscellaneous Land Acquisition	3-239					200		200
Environmental Act Licence for Brady Landfill	3-240	400						400
Brady Landfill Staff Building	3-241	100						100
Landfill Cell Excavation								
- Retained Earnings		1,467						1,467
- External Debt		1,408				4,500		5,908
Total Landfill Cell Excavation	3-242	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	3-243	8,900						8,900
Summit Landfill Leachate Collection Assessment								
- External Debt	3-244			200				200
Street Sweepings Recycling Program Implementation								
- Provincial Government Funding (Environmental Grant)	3-245	100						100
TOTAL SOLID WASTE DISPOSAL SYSTEM		12,375	400	600	400	4,700		18,475
SPECIAL OPERATING AGENCIES								
WINNIPEG GOLF SERVICES								
Golf Course Improvements								
- Cash to Capital (Equity in Capital Assets Fund)		115	(23)	(23)	(23)	(23)	(23)	
- Golf Course Reserve		300	173	173	23	23	23	715
TOTAL WINNIPEG GOLF SERVICES	3-246	415	150	150				715
TOTAL SPECIAL OPERATING AGENCIES		415	150	150				715

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The City of Winnipeg

Capital Projects Detail

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Preliminary Capital Budget

and

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

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

Department: Public Works
Project: 183200XX10
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500	1,000	1,000	1,000	1,000	4,500	4,500
Provincial Funding for Road Improvements	4,500	1,000	500					500	1,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,000	925	925	1,000	1,000	1,000	150	6,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	425	925	1,000	1,000	1,000	150	4,500
Provincial Funding for Road Improvements	1,000	500						1,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	60	56	56
Less:			
Operating expenditures increase/(decrease)	5	10	15
Debt and finance charges increase	-	-	43
SURPLUS/(DEFICIT)	55	46	(2)

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

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

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

Project Name: **New Regional Sidewalks**

Department: Public Works
Project: 183200XX10
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	250	250	250	250	250	1,250	1,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	13	15	15
Less:			
Operating expenditures increase/(decrease)	1	2	3
Debt and finance charges increase	-	20	46
SURPLUS/(DEFICIT)	12	(7)	(34)

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

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

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

Project Name: **Active Transportation Corridors**

Department: Public Works
Project: 183200XX10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,600	500	500	500	500	500	500	2,500	3,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	425	500	500	500	500	500	75	3,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	425	500	500	500	500	500	75	3,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	26	30	30
Less:			
Operating expenditures increase/(decrease)	133	266	399
Debt and finance charges increase	-	40	93
SURPLUS/(DEFICIT)	(107)	(276)	(462)

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

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

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	2010 Estimate *	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,900	-	100	100	100	100	100	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			100	100	100	100	100	500	500

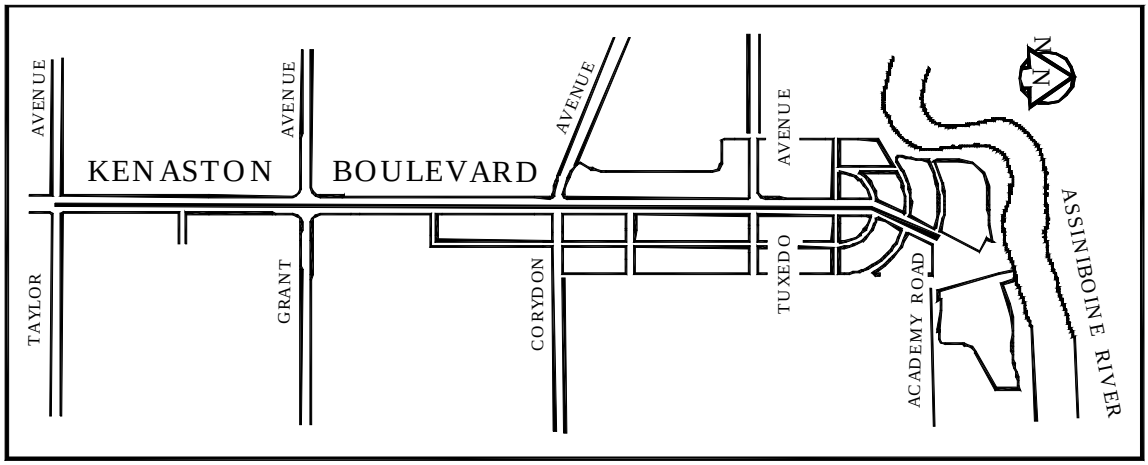
CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	85	100	100	100	100	15	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	85	100	100	100	100	15	500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	0	5	6
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	-	9
SURPLUS/(DEFICIT)	-	5	(3)

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

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

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



Project Name: **Active Transportation Project - Infrastructure Stimulus Fund**

Department: Public Works
Project: 183200XX10
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	20,413	-	-	-	-	-	-	20,413
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		6,805						-	6,805
Provincial Government Funding		6,804						-	6,804
Infrastructure Stimulus Fund		6,804						-	6,804

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	17,351	3,062	-	-	-	-	-	20,413
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	5,784	1,021	-	-	-	-	-	6,805
Provincial Government Funding	5,783	1,021						6,804
Infrastructure Stimulus Fund	5,783	1,021						6,804

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	347	61	-
Less:			
Operating expenditures increase/(decrease)	570	570	570
Debt and finance charges increase	-	551	682
SURPLUS/(DEFICIT)	(223)	(1,060)	(1,252)

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

On September 11, 2009 over $20 million in joint Federal-Provincial-City investments to Winnipeg's Active Transportation facilities was announced.

Active Transportation - Infrastructure Stimulus Fund (continued):

Funds will be allocated to:		(all figures in $000's):
Ellice/St Mathews Bikeway	Berry St to Garry St	400
Brazier/Roch Bikeway	Midwinter Ave to Sutton Ave	350
Jubilee Ave	Pembina Hwy to Cockburn St	900
Alexander/Pacific Bikeway	King St to King Edward St	425
Eugenie/Des Meurons Bikeway	St Mary's to Fermore	125
St. Charles/Flora	Pritchard to Higgins	60
Sherbrook/Maryland bike Lanes	Maryland Bridge to Alexander	228
York Bike Lanes	Main St to Portage Ave	60
St. Mary Bike Lanes	Main St to Portage Ave	60
Grosvenor Bikeway	Centennial St to Wellington Cresc	525
Fleet/Warsaw Bikeway	Centennial St to Nassau St	675
Kildare Bikeway	Plessis Rd to Chadwick Cresc	675
Machray Bikeway	Main St to Keewatin St	900
Hay Bikeway	Brandon Ave to Montgomery Ave	225
Pritchard Bikeway	Main St to Keewatin St	900
Berry	Assiniboine Ave to Ellice Ave	260
Harrow	Pembina Hwy to Wellington Cresc	375
Nassau	Roslyn Rd to Grant Ave	225
Bannatyne/McDermot Bikeway	Waterfront Dr to Sherbrock St	250
Omand's Creek Bridge	Over Omand's Creek	1,000
Silver Ave	Sturgeon Rd to Barry St	2,020
Moray Pathway	Ness Ave to Murry Park Rd	400
Transcona Trail Phase I	Regent Ave to Day St	1,200
Transcona Trail Phase II	Day St to Peremeter Hwy	1,300
Dugald Rd	Plessis Rd to Lagimodiere Blvd	900
Wilkes Ave	Victor Lewis Dr to Waverley St	300
Waverley St	North of Buffalo Pl	100
Sommerville to Seal	Across hydro corridor	60
Sherwin Pathway	Saskatchewan Ave to Notre Dame Ave	500
Rue Archibald	Fermore to Guilbault St	900
Bison	Pembina Hwy to Barnes St	240
Lagimondiere	Bishop Grandin Blvd to Fermor	700
Dakota/Dunkirk pathway	Ward Ave to Bishop Grandin Blvd	1,400
Dakota/Dunkirk pathway	Bishop Grandin Blvd to Fermor	900
Kildonan Golf Course	Kildonan Park to Chief Peguis Bridge	500
Seine River	Shorehill Drive to Creek Bend Rd	250
Assiniboine Bikeway	Osborne St to Main St	125
Total Active Transportation Program		20,413

Project Name: **Traffic Signals Enhancement**

Department: Public Works
Project: 183400XX10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,100	2,300	2,300	2,300	-	-	-	4,600	6,900
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,300	2,300	2,300				4,600	6,900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,955	2,300	2,300	345	-	-	-	6,900
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,955	2,300	2,300	345	-	-	-	6,900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	117	138	138
Less:			
Operating expenditures increase/(decrease)	10	20	30
Debt and finance charges increase	-	186	426
SURPLUS/(DEFICIT)	107	(68)	(318)

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).

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

Department: Public Works
Project: 180700xx10

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

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011 **	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	2,100	9,500	-	-	-	11,600	11,850
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	1,805	9,500				11,305	11,555
Developer Funding			295					295	295

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	250	1,805	9,795	-	-	-	-	11,850
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	1,805	9,500	-				11,555
Developer Funding	-	-	295	-	-	-	-	295

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	15	108	588
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	24	206
SURPLUS/(DEFICIT)	15	84	382

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.

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

** Supported by class estimates ranging from 1 to 5, see Appendix # 2.

Funds will be allocated to:	2010	2011	2012	2013	2014	2015	Total
Concordia Avenue interchange	250						250
Lagimodiere Boulevard & Warde Avenue intersection			500				500
Waverley Street twinning Tim Sale to northern limit of Ladco property		2,100					2,100
Plessis Road twinning			9,000				9,000
	250	2,100	9,500	-	-	-	11,850

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

Department: Public Works
Project: 183100xx10
Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	850	950	1,050	1,150	1,250	1,350	5,750	6,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		850	950	1,050	1,150	1,250	1,350	5,750	6,600
								-	-

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	723	935	1,035	1,135	1,235	1,335	203	6,600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	723	935	1,035	1,135	1,235	1,335	203	6,600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	43	56	62
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	69	166
SURPLUS/(DEFICIT)	43	(13)	(104)

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

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

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

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

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

Department: Public Works
Project: 1804000508
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

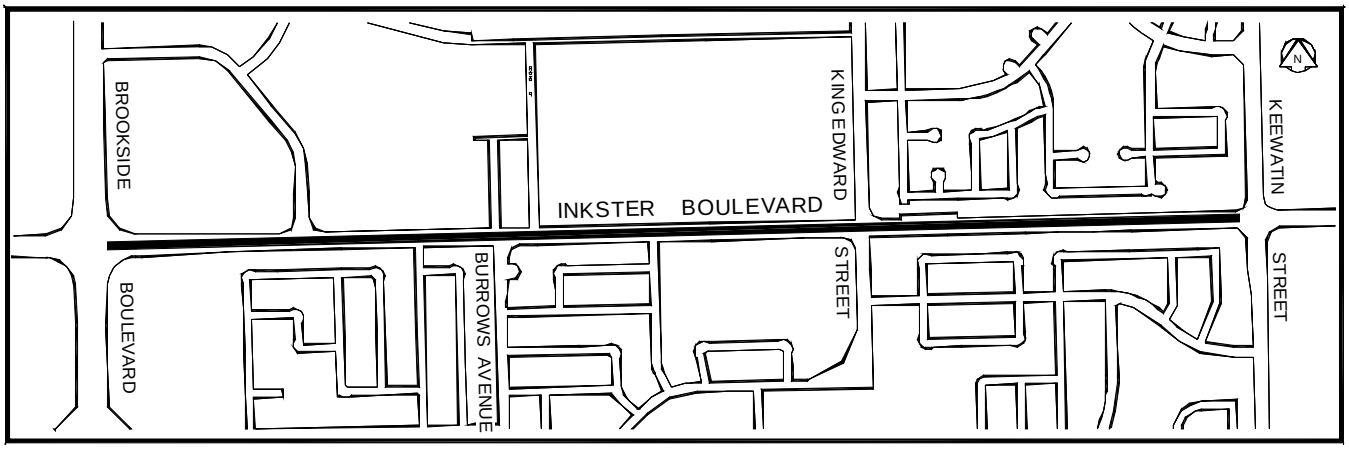
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	16,332	15,770	-	-	-	-	-	-	15,770
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)	5,626							-	-
Developer Funding	1,706							-	-
Provincial Funding for Road Improvements	9,000	7,100						-	7,100
Federal Gas Tax		8,670						-	8,670

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	15,770	-	-	-	-	-	-	15,770
Financed by:								
Provincial Funding for Road Improvements	7,100							7,100
Federal Gas Tax	8,670	-	-	-	-	-	-	8,670

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	946	-	-
Less:			
Operating expenditures increase/(decrease)	-	-	30
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	946	-	(30)

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. On April 29, 2009 Council approved a first call on the 2010 Budget in the amount of $15,770,000.



Project Name: **Regional and Local Streets**

Department: Public Works
Project: 180400xx10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	32,428	37,755	26,778	42,433	45,977	39,218	192,161	224,589
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		11,390	21,400	10,423	26,078	29,622	22,863	110,386	121,776
Federal Gas Tax		14,038	9,355	9,355	9,355	9,355	9,355	46,775	60,813
Provincial Building Manitoba Fund - Roads	7,000	7,000	7,000	7,000	7,000	7,000	7,000	35,000	42,000
Provincial Funding for Road Improvements	27,600							-	-

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	30,720	36,254	28,425	40,085	45,445	40,232	3,428	224,589
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	9,682	19,889	12,070	23,730	29,090	23,877	3,428	121,776
Federal Gas Tax	14,038	9,355	9,355	9,355	9,355	9,355		60,813
Provincial Building Manitoba Fund - Roads	7,000	7,000	7,000	7,000	7,000	7,000		42,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	1,843	2,175	1,706
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	922	2,664
SURPLUS/(DEFICIT)	1,843	1,253	(1,258)

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

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

See next page for program details.

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

Regional and Local Streets (continued):

Future projects in Regional and Local Street Renewals	Authorization						
Program include the following (all figures in 000's):	2010	2011	2012	2013	2014	2015	Six-Year Total
Regional Sidewalk and Curb Renewals:							
Sidewalk and Curb Renewals - Regional Streets	500	500	500	500	500	500	3,000
Regional Paving of Granular Shoulders:							
Paving of Granular Shoulders - Regional Streets	250	250	250	250	250	250	1,500
Regional Major Rehabilitation Works:							
Corydon Avenue - Cambridge Street to Kenaston Boulevard	600	570	700	500	500	500	3,370
Regent Avenue - Winona to Day	1,050						1,050
Taylor Avenue EB - Waverley to Nathaniel	1,925						1,925
Taylor Avenue EB - Nathaniel to Wilton		1,000					1,000
Logan Avenue - Trinity to McPhillips		3,835					3,835
Dugald Road WB - Plessis to Mazenod		2,630					2,630
Dugald Road WB - Mazenod to Lagimodiere			2,100				2,100
Osborne Street N. - River to S. limit of bridge & N. limit of bridge to Broadway		2,220					2,220
Taylor Avenue WB - Nathaniel to Waverley		2,150					2,150
Regional Mill and Fill Rehabilitation Works:							
Jubilee Ave - Osborne to Pembina	1,130						1,130
Main St SB - Seaforth to Jefferson	940						940
Pembina Hwy SB - Chevrier to Bishop Grandin	890						890
Portage Ave EB - Rita to Whytewold	160						160
Roblin Blvd EB - Alcrest to W Park Entrance	420						420
Route 90 NB - Dublin to Pacific		670					670
Pembina Hwy SB - Bison to Kirkbridge		940					940
Portage Ave WB - Cavalier to David		440					440
McPhillips St NB - Selkrik to Redwood		400					400
St. Mary's Road - Wallmer to Tache		310					310
Portage Ave EB - Woodhaven to Lake		480					480
Portage Ave EB - Sharp to Woodlawn		210					210
St. Anne's Rd NB - Beliveau to Fermor							
Portage Ave WB - Aldine to Sturgeon			840				840
Mc Phillips St SB - Logan to Notre Dame			760				760
Pembina Hwy SB - Jubilee to McGillivray			840				840
Lagimodiere NB - Fermor to Cottonwood			1,270				1,270
Century St NB - Wellington to Saskatchewan			360				360
Unallocated	13		8				21
Regional Street Renewals - Annual Program - Various locations to be identified.				22,033	25,577	18,818	66,428
Granular Roadway Improvements	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Lane Renewals - Various Locations	2,750	2,750	2,750	2,750	2,750	2,750	16,500
Sidewalk Renewals on Local Streets - Various Locations	400	400	400	400	400	400	2,400
Local Street Renewals - Various Locations	15,400	12,000	10,000	10,000	10,000	10,000	67,400
Local Thin Bituminous Overlay (TBO)	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Total Regional and Local Streets Program	32,428	37,755	26,778	42,433	45,977	39,218	224,589

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

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

Department: Public Works
Project: 180500xx10

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

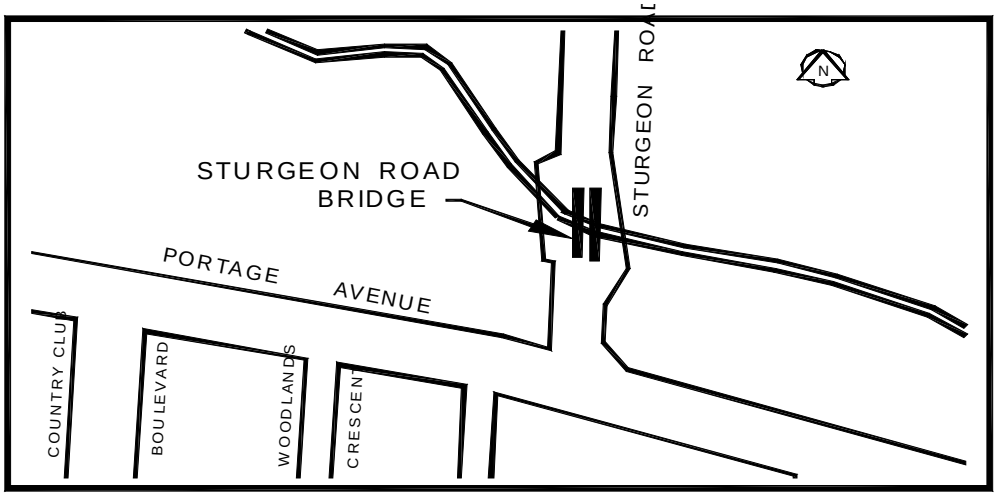
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,000	1,033	10,977	-	-	-	12,010	13,010
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000	1,033	10,977				12,010	13,010

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	51	62	569
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	81	188
SURPLUS/(DEFICIT)	51	(19)	381

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

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



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

Department: Public Works
Project: 1805000209
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

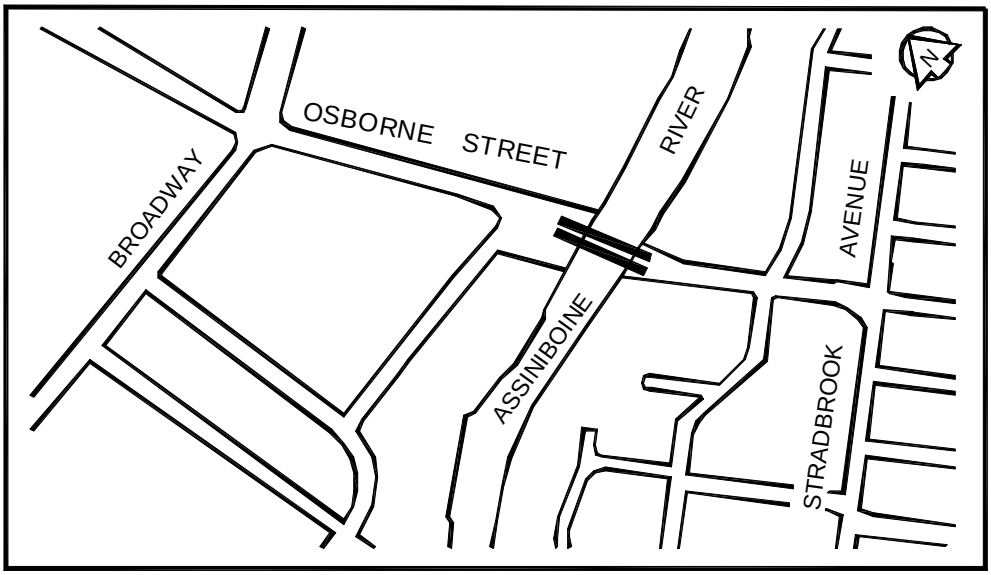
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	355	6,776	6,294	-	-	-	13,070	13,425
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)	500	177	3,388	3,160				6,548	6,725
Provincial Funding for Road Improvements	500	178	3,388	3,134				6,522	6,700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	328	6,294	6,328	474	-	-	-	13,425
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	150	2,906	3,194	474	-	-		6,725
Provincial Funding for Road Improvements	178	3,388	3,134		-	-		6,700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	20	378	380
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	14	306
SURPLUS/(DEFICIT)	20	364	74

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. Associated Roadwork from Broadway to River is identified in the Regional & Local Streets Program for 2011.



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

Department: Public Works
Project: 1805000309
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	896	7,638	-	-	-	-	-	-	7,638
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)	672		-	-	-	-	-	-	-
Provincial Funding for Road Improvements	224	1,876	-	-	-	-	-	-	1,876
Federal Gas Tax		5,762						-	5,762

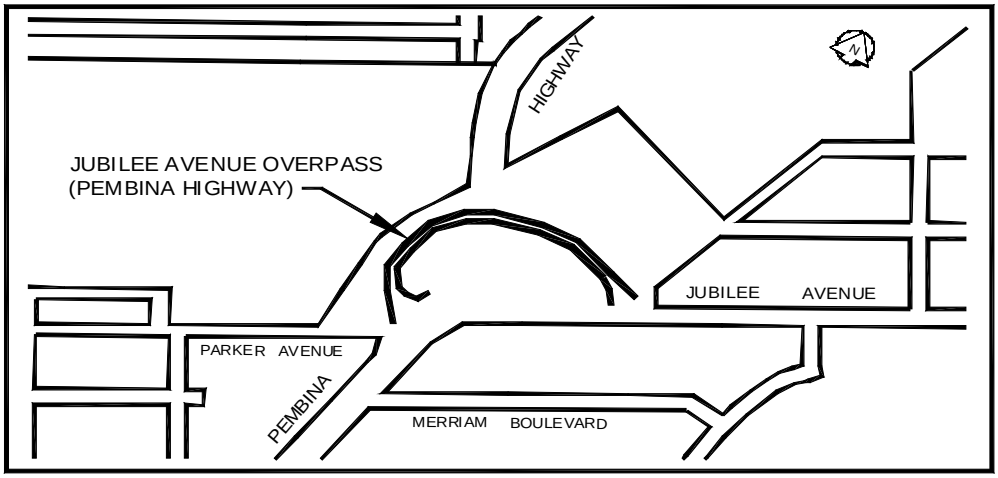
CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	7,638	-	-	-	-	-	-	7,638
Financed by:								
Provincial Funding for Road Improvements	1,876	-	-	-	-	-	-	1,876
Federal Gas Tax	5,762	-	-	-	-	-	-	5,762

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	458	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	458	-	-

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.

** Supported by Class 3 estimate, see Appendix # 2.



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

Department: Public Works
Project: 180500xx11

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

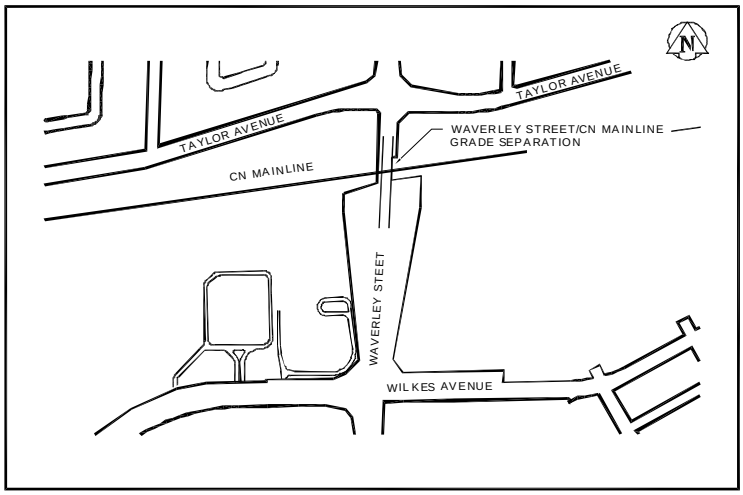
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,119	-	-	-	-	1,119	1,119
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,119					1,119	1,119

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	-	57	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	95
SURPLUS/(DEFICIT)	-	57	(85)

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

2011- Includes conceptual engineering, study, and public consultation.



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

Department: Public Works
Project: 180500xx13

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

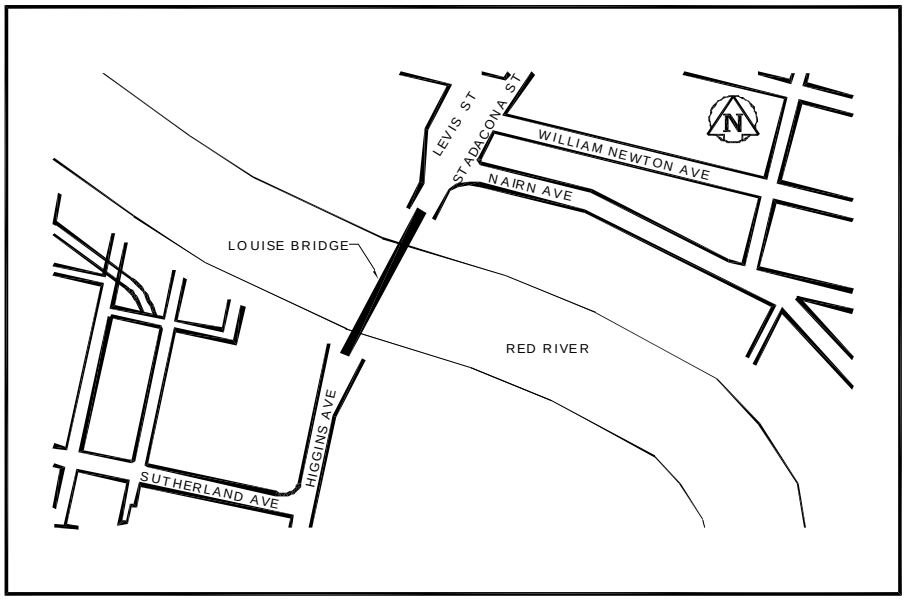
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	2,581	-	2,000	4,581	4,581
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					2,581		2,000	4,581	4,581

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	2,194	387	1,700	300	4,581
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				2,194	387	1,700	300	4,581

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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. 2015 - Engineering detailed design. Options for the potential rehabilitation or replacement will be considered. If a new four lane replacement bridge on its current alignment is required the total estimated project budget is $100,000,000 assuming construction is undertaken in 2016 and 2017.



Project Name: **Pembina Highway Underpass**

Department: Public Works
Project: 180500xx11

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

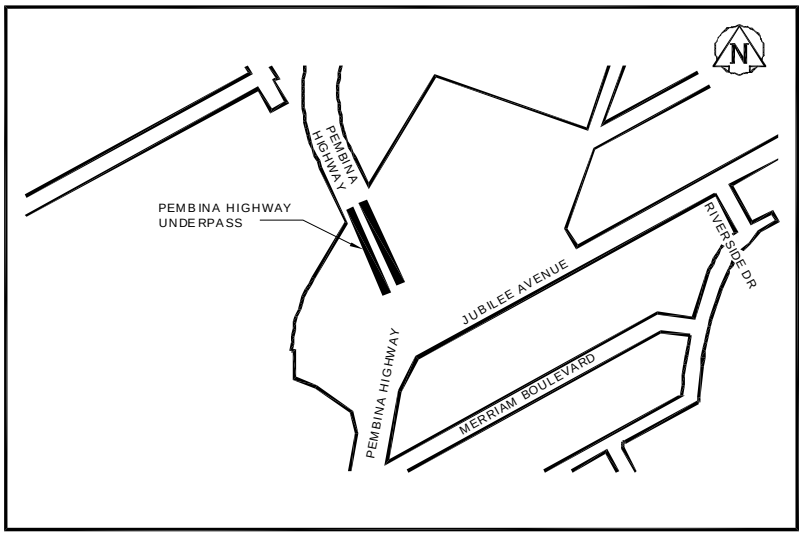
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,300	-	7,000	6,000	-	14,300	14,300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,300		7,000	6,000		14,300	14,300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	-	66	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	111
SURPLUS/(DEFICIT)	-	66	(99)

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

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



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

Department: Public Works
Project: 180500xx12

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

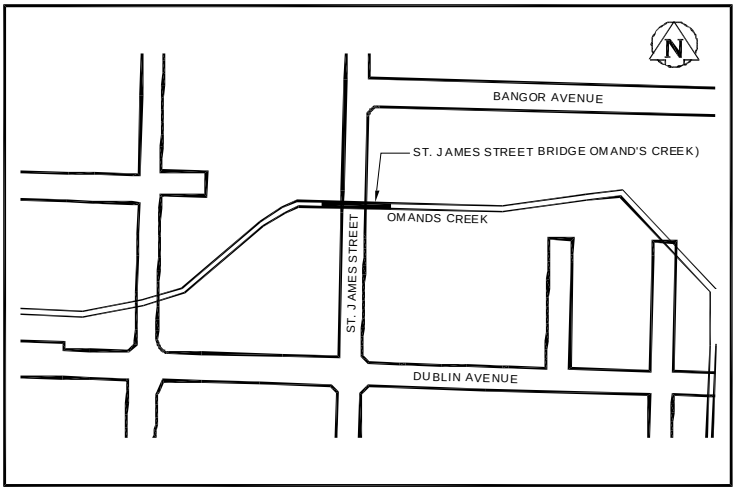
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	200	1,961	-	-	2,161	2,161
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200	1,961			2,161	2,161

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	170	1,697	294	-	-	2,161
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			170	1,697	294			2,161

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	10

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

2012 - Preliminary engineering design. 2013 - Detailed design and construction to undertake full rehabilitation and safety improvements.



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

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

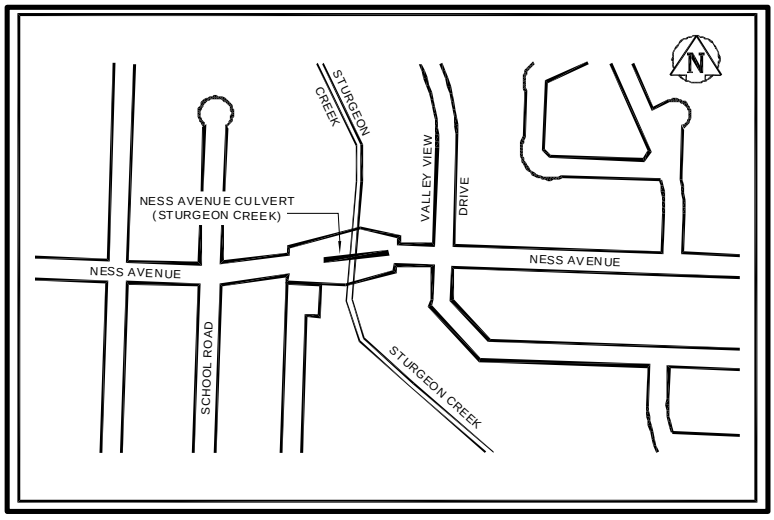
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,000	2,000	8,000	11,000	11,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,000	2,000	8,000	11,000	11,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 2013, detailed engineering in 2014, and construction in 2015.



Project Name: **Portage Avenue Bridge (Sturgeon Creek)**

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

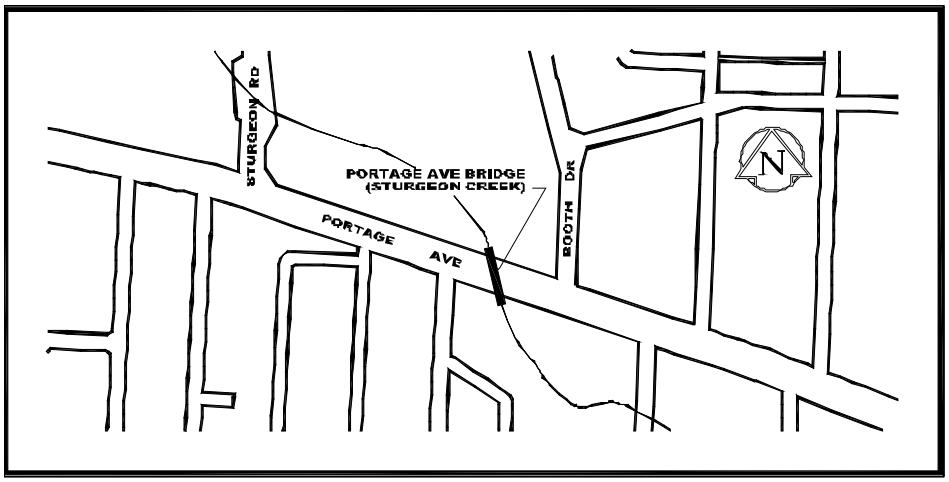
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	500	500	5,000	-	6,000	6,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				500	500	5,000		6,000	6,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	425	500	4,325	750	-	6,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			425	500	4,325	750	-	6,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	26
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	26

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

Full bridge rehabilitation with a total budget requirement of $6,000,000. 2012 - Preliminary Design $500,000; 2013 - Detailed Design $500,000; 2014 - Construction $5,000,000.



Project Name: **Saskatchewan Avenue Bridge (Omand's Creek)**

Department: Public Works
Project: 180500xx14

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

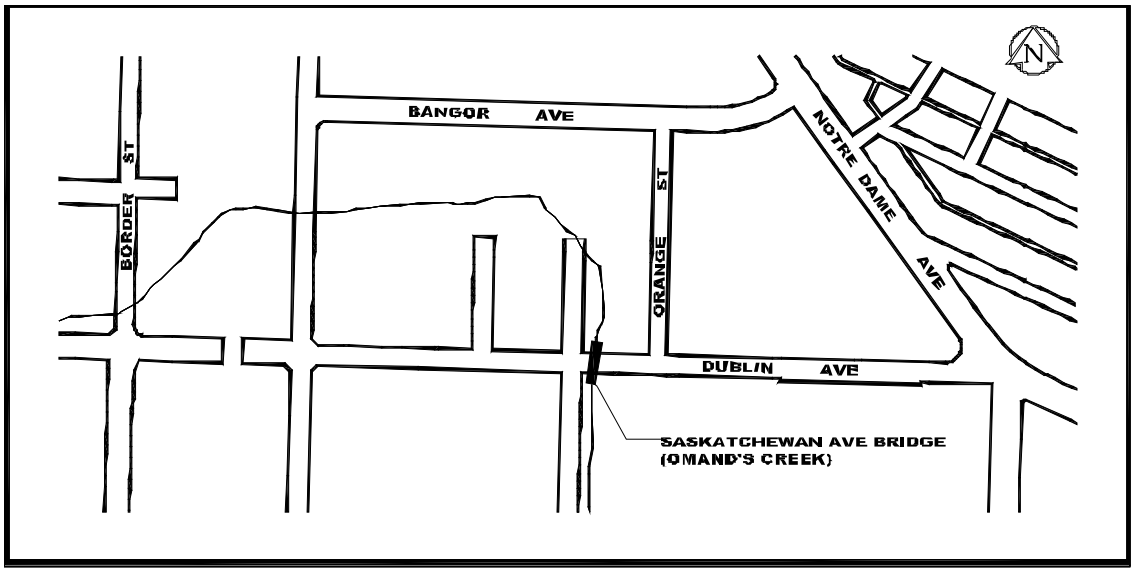
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	2,000	2,500	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						500	2,000	2,500	2,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	425	1,775	300	2,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			-	-	425	1,775	300	2,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	-

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

Bridge replacement with a total budget requirement of $2,500,000. Preliminary/detailed engineering in 2014 budgeted for $500,000 and construction in 2015 budgeted for $2,000,000.



Project Name: **Lyndale Drive - Retaining Wall Rehabilitation**

Department: Public Works
Project: 180500xx14

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

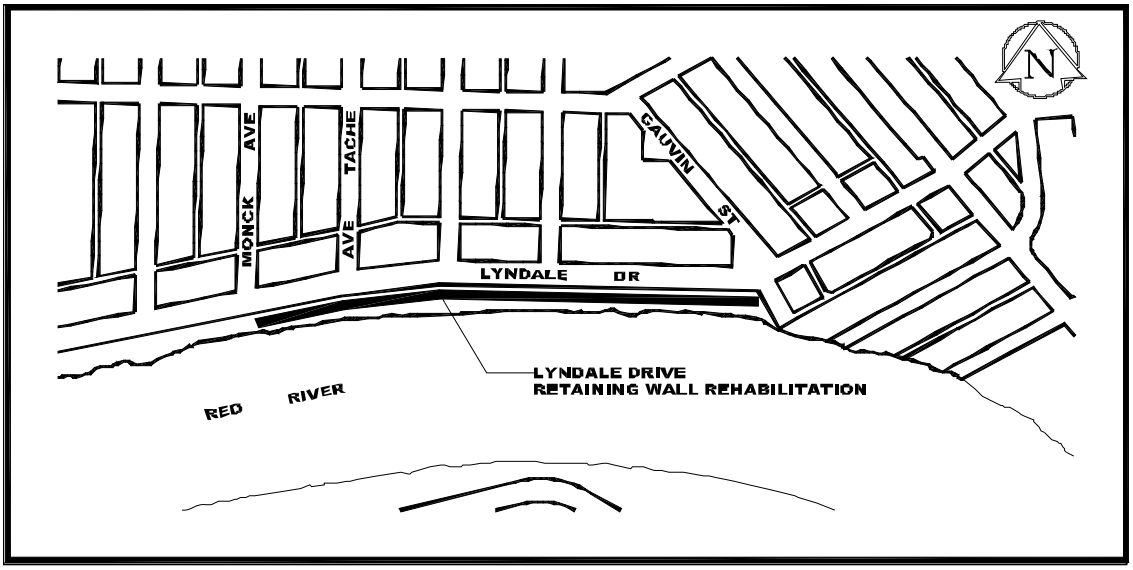
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	3,500	4,000	4,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						500	3,500	4,000	4,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	425	3,050	525	4,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			-	-	425	3,050	525	4,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 retaining wall forms part of the Lyndale Drive primary dyke system between Monck Avenue and Gauvin Street. The total estimated budget requirement is $4,000,000 with $500,000 in 2014 for preliminary design and $3,500,000 in 2015 for detailed design and construction.



Project Name: **Osborne Street Underpass**

Department: Public Works
Project: 180500xx15

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

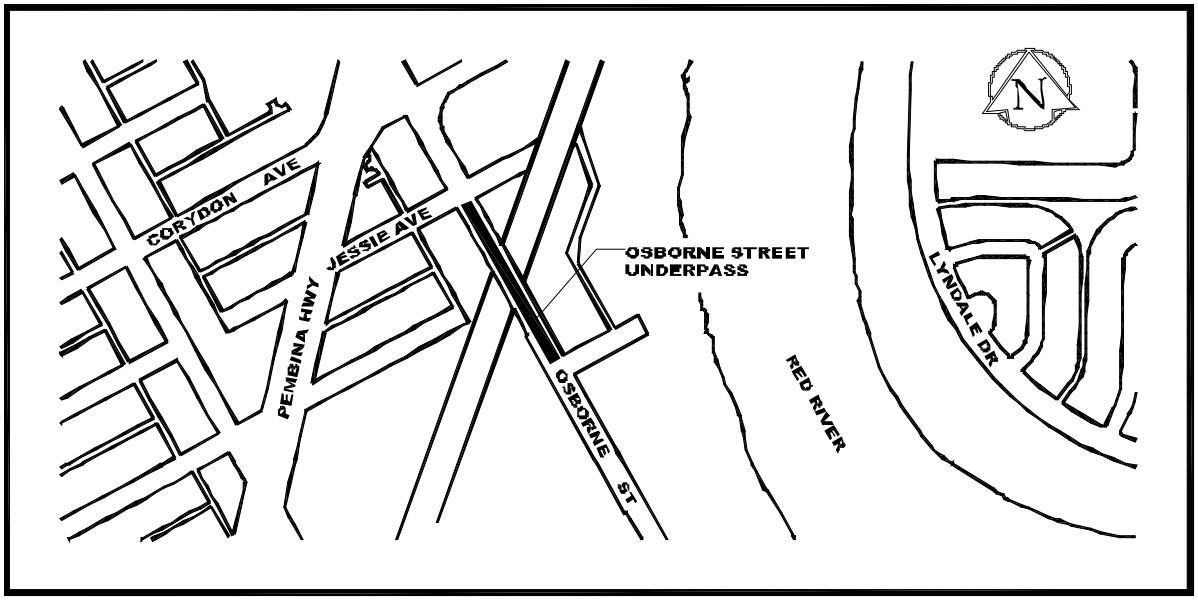
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	2,500	2,500	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							2,500	2,500	2,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	2,125	375	2,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		-	-	-	-	2,125	375	2,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	-

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

2015 - Project budget shown is to undertake conceptual study/design, preliminary design, and public consultation. Estimated project construction budget of $70,000,000 for potential reconstruction/widening assuming work is undertaken in 2018 and 2019.



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

Department: Public Works
Project: 1805000110
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,000	2,000	2,000	2,000	2,000	2,000	10,000	12,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,000	2,000	2,000	2,000	2,000	2,000	10,000	12,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	102	120	120
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	162	371
SURPLUS/(DEFICIT)	102	(42)	(251)

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

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

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

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

Department: Public Works
Project: 1805000208
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	149,289	45,711	-	-	-	-	-	-	45,711
Financed by:									
Public Private Partnership	62,500	38,711							38,711
	-								-
Upfront Project Costs									-
Cash to Capital (Equity in Capital Assets Fund)	11,789	2,000						-	2,000
Future Payments									
Cash to Capital (Equity in Capital Assets Fund)		5,000						-	5,000
Federal Gas Tax		6,100	19,800	19,800	19,800	19,800	19,800	99,000	105,100
Encumbrance Toward Commissioning Payment		(6,100)						-	(6,100)
Public Private Partnership								-	-
Annual Service/Financing Payments		-	(19,800)	(19,800)	(19,800)	(19,800)	(19,800)	(99,000)	(99,000)
External Debt	75,000								

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	7,000	19,800	19,800	19,800	19,800	19,800	395,000	501,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	7,000							7,000
Federal Gas Tax		19,800	19,800	19,800	19,800	19,800	395,000	494,000

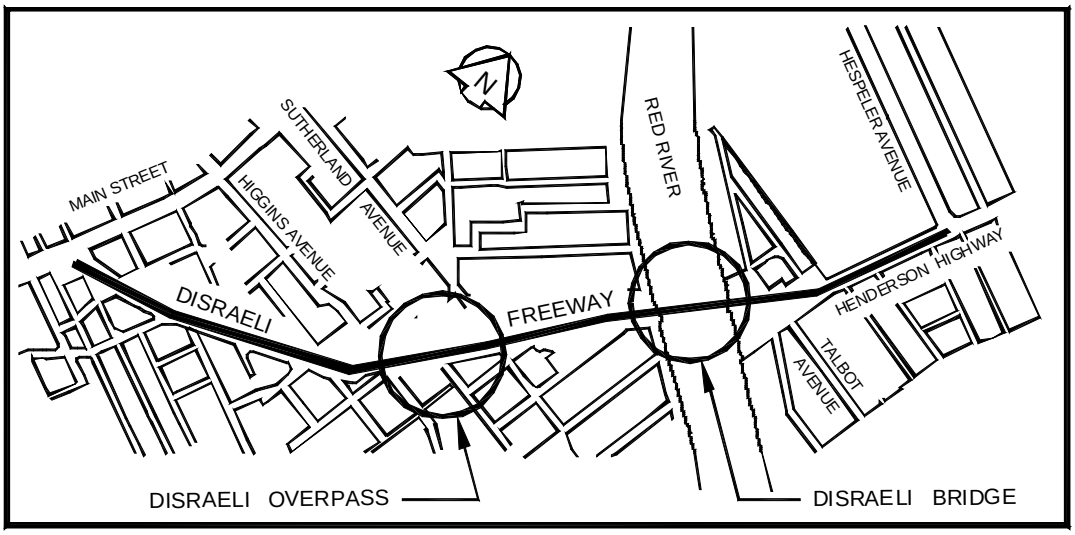
NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	210	-	-
Less:			
Operating expenditures increase/(decrease)			(98)
Debt and finance charges increase	-	666	701
SURPLUS/(DEFICIT)	210	(666)	(603)

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

Undertake a full rehabilitation or replacement of river bridge, overpass, and related roadworks as well as construct a new pedestrian and cycle bridge added by Council in September 2008. Construction is anticipated to begin in 2010 and continue through 2011.

Future Payments - Maximum annual payments total $19.8 million per year for the first ten years and $14.8 million per year for the next twenty years. These amounts will repay the $75.0 million in borrowing authorized by Council on September 30, 2009 as well as fund all payments to the successful proponent required under the project agreement. These amounts also cover annual operations and lifecycle costs of the facility as well as any internal contract administration and other costs. The successful proponent will be paid a substantial completion payment of up to $75 million at the commissioning of the bridge. Any future payments above forecast may be funded from the amount available in the Capital Investment Fund. Any portion of the Future Payments not required by the project will be redirected to the Capital Investment Fund.

Disraeli Bridge and Overpass Facility (continued):



Project Name: **Charleswood Bridge**

Department: Public Works
Project: 180500XX10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,478	1,478	1,478	1,478	1,478	1,478	7,390	8,868
Public Private Partnership Lease Payments		(1,478)	(1,478)	(1,478)	(1,478)	(1,478)	(1,478)	(7,390)	(8,868)

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,478	1,478	1,478	1,478	1,478	1,478	13,302	22,170
Financed by:								
Cash to Capital (Equity in Capital Assets Fund) See Note	1,478	1,478	1,478	1,478	1,478	1,478	13,302	22,170

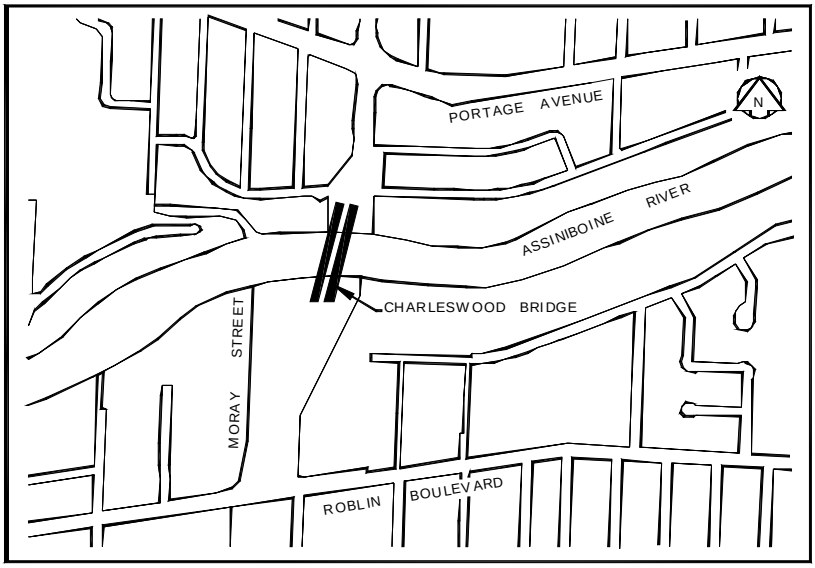
NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	-

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

The 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 2015 equals payments to 2024.



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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	65,300	-	-	-	-	-	-	-	-
Financed by:									
Public Private Partnership	60,000	(30,000)						-	(30,000)
Future Payments								-	-
Cash to Capital (Equity in Capital Assets Fund)	5,300							-	-
Federal Gas Tax			5,415	5,415	5,415	5,415	5,415	27,075	27,075
Public Private Partnership Annual Service/Financing Payments			(5,415)	(5,415)	(5,415)	(5,415)	(5,415)	(27,075)	(27,075)
External Debt		30,000						-	30,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	5,415	5,415	5,415	5,415	5,415	135,375	162,450
Financed by:								
Federal Gas Tax		5,415	5,415	5,415	5,415	5,415	135,375	162,450

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	900	-	-
Less:			
Operating expenditures increase/(decrease)	-	-	-
Debt and finance charges increase	-	2,856	3,006
SURPLUS/(DEFICIT)	900	(2,856)	(3,006)

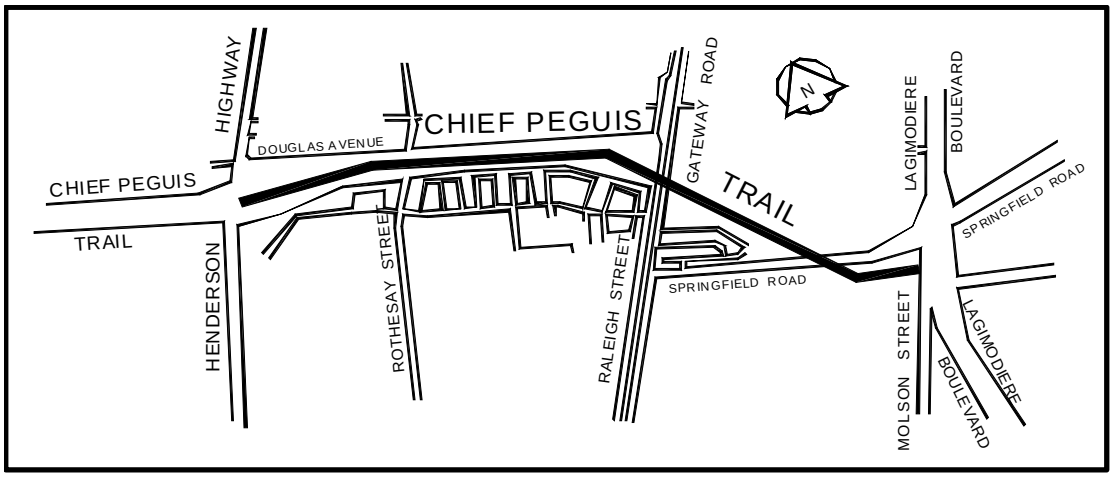
Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

Extension of the Chief Peguis Trail from Henderson Highway to Lagimodiere Boulevard will provide new 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. Construction costs are expected to total $65.3 million for an at grade solution, which includes $5.3 million in cash to capital for City upfront costs. Upfront costs include development of the preliminary conceptual design, engineering, traffic management planning, internal contract works, property acquisition, administration and other costs. External debt of up to $30 million will replace, in part, private borrowing contemplated through the Design/Build/Finance/Maintain model.

Future Payments - Estimated annual service/financing payments total $5.415 million per year for 30 years. Annual payments include repayment of any external debt as well as fund all payments to the successful proponent required under the project agreement. These amounts also cover annual operations and lifecycle maintenance of the facility, internal contract administration and other costs. The successful proponent may be paid a substantial completion payment of up to $30 million at the commissioning of the facility. Any future payments above forecast may be funded from the amount available in the Capital Investment Fund. Any portion of the Future Payments not required by the project will be redirected to the Capital Investment Fund.

Construction is scheduled over a two year period in 2010 and 2011.

Chief Peguis Trail (continued):



Project Name: **Waverley West Arterial Roads Project**

Department: Public Works
Project: 180300XX13

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	51,300	3,400	-	-	-	-	3,400	54,700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		10,567	3,400					3,400	13,967
Transfer from Prior Authorization		7,500						-	7,500
Building Canada Funding		18,233						-	18,233
Provincial Government Funding		15,000						-	15,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	43,605	10,585	510	-	-	-	-	54,700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	8,982	4,475	510					13,967
Transfer from Prior Authorization	6,375	1,125						7,500
Building Canada Funding	15,498	2,735						18,233
Provincial Government Funding	12,750	2,250						15,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	871	211	10
Less:			
Operating expenditures increase/(decrease)		70	145
Debt and finance charges increase	-	855	1,348
SURPLUS/(DEFICIT)	871	(714)	(1,483)

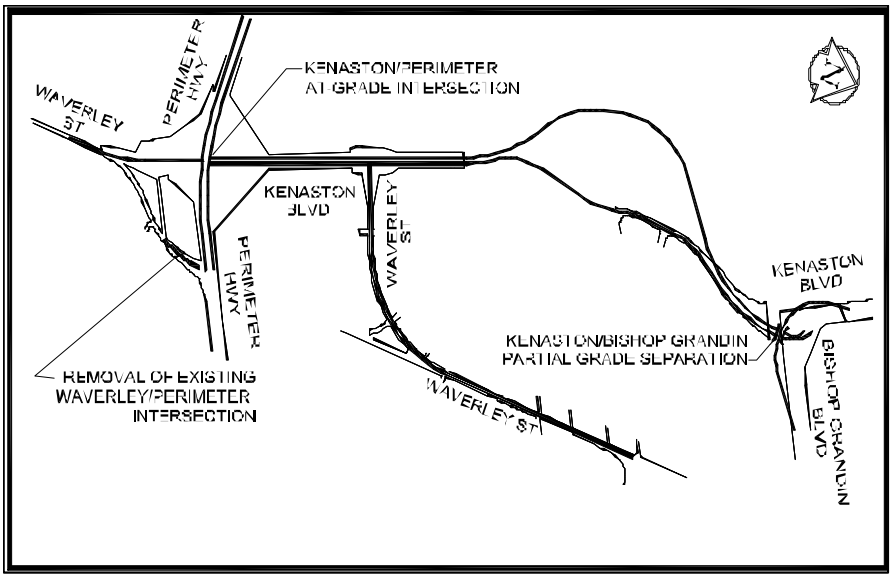
Note: *Net Operating Impact = Revenue - Operating expenditures - Debt and finance charges*

On September 13, 2009, $54.7 million was announced in joint Federal-Provincial-City funding for the Waverley West Arterial Roads Project. The investment will allow for future economic growth in this area, decrease commute times and improve safety for motorists. Funding is made available under the Building Canada Fund - Major Infrastructure component, part of Canada's Economic Action Plan.

The project includes; the intersection of Kenaston and Bishop Grandin with a partial grade separation, the extension of Kenaston as a four lane arterial roadway from Bishop Grandin to PTH 100, an at grade intersection of the proposed Kenaston and PTH 100, the addition of two new lanes on the existing Waverley and the rehabilitation of the two existing lanes to connect with the four lane arterial roadway to the north, a new four lane section of Waverley that creates a realignment of the existing street in a westerly direction to the proposed Kenaston Blvd, a new at grade intersection of the new Kenaston and the realigned Waverley Street, the decomissioning of the at grade intersection of Waverley and PTH100, and a new 2 lane section of Waverley south of PTH100 to the new intersection of Kenaston and PTH100.

Funds adopted in the 2009 Capital Budget for the Kenaston Boulevard extension and Bishop Grandin intersection will be transferred to this project.

Waverley West (continued):



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

Department: Public Works
Project: 1812000110
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	100	100	500	600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	85	100	100	100	100	100	15	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	85	100	100	100	100	100	15	600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	8	19
SURPLUS/(DEFICIT)	3	(5)	(16)

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.

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

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

Department: Public Works
Project: 1813000110
Capital Priority Rating: 2 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	150	150	150	150	150	150	750	900
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150	150	150	150	150	150	750	900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	128	150	150	150	150	150	22	900
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	128	150	150	150	150	150	22	900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	4	5	5
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	12	28
SURPLUS/(DEFICIT)	4	(7)	(23)

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.

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

Department: Public Works
Project: 183400xx09

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	300	300	300	300	300	300	1,500	1,800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		300	300	300	300	300	300	1,500	1,800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	300	300	300	300	300	-	1,800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	300	300	300	300	300	300		1,800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	9	9	9
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	29	60
SURPLUS/(DEFICIT)	9	(20)	(51)

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 regional streets 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. Funding for 2010 is to acquire land for Chief Peguis in the Amber Trails area.

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

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

Department: Public Works
Project: 1815000107

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,400	-	500	-	-	-	-	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500					500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		500						500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	15	-
Less:			
Operating expenditures increase/(decrease)			1
Debt and finance charges increase	-	-	50
SURPLUS/(DEFICIT)	-	15	(51)

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

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

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

Department: Public Works
Project: 1814000110

Capital Priority Rating: 2 - 3
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	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	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	9	11	11
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	28	65
SURPLUS/(DEFICIT)	9	(17)	(54)

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).

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

Project Name: **Winnipeg Transportation Strategy**

Department: Public Works
Project: 1832000609

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

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	650	-	-	-	-	-	-	650
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		650						-	650

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	650	-	-	-	-	-	-	650
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	650							650

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	20	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	62	65
SURPLUS/(DEFICIT)	20	(62)	(65)

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.

** Supported by a class 2 estimate, see Appendix # 2.

Project Name: **Reforestation - Improvements**

Department: Public Works
Project: 1850000110
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	383	383	433	383	383	383	1,965	2,348
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		383	383	433	383	383	383	1,965	2,348

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	326	383	426	391	383	382	57	2,348
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	326	383	426	391	383	382	57	2,348

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	20	23	26
Less:			
Operating expenditures increase/(decrease)	25	25	25
Debt and finance charges increase	-	31	71
SURPLUS/(DEFICIT)	(5)	(33)	(70)

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

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

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

Project Name: **Athletic Fields - Improvements**

Department: Public Works
Project: 185200xx10
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	200	200	1,000	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	200	200	200	200	200	1,000	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	10	12	12
Less:			
Operating expenditures increase/(decrease)	10	20	30
Debt and finance charges increase	-	16	37
SURPLUS/(DEFICIT)	-	(24)	(55)

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:	2010	2011	2012	2013	2014	2015	Total
Bord Aire Community Centre	40						40
Burland Park	80						80
Ed Shindleman	80						80
Athletic Field Upgrading - Various		200	200	200	200	200	1,000
	200	200	200	200	200	200	1,200

Project Name: **Parks - Improvements**

Department: Public Works
Project: 185300xx10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	808	262	617	677	653	655	2,864	3,672
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		808	262	617	677	653	655	2,864	3,672

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	687	344	564	668	657	655	97	3,672
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	687	344	564	668	657	655	97	3,672

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	41	21	34
Less:			
Operating expenditures increase/(decrease)	61	81	127
Debt and finance charges increase	-	65	103
SURPLUS/(DEFICIT)	(20)	(125)	(196)

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:	2010	2011	2012	2013	2014	2015	Total
Kildonan Park and Peguis Pavilion Upgrading	200						200
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	655	2,097
	808	262	617	677	653	655	3,672

Project Name: **Playground Structures**

Department: Public Works
Project: 1855000110

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,800	1,750	1,800	1,800	1,800	1,800	8,950	10,750
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,750	1,750	1,800	1,800	1,800	1,800	8,950	10,700
Recreational Infrastructure Canada Fund		50						-	50

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	1,538	1,750	1,793	1,800	1,800	1,800	269	10,750
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,488	1,750	1,793	1,800	1,800	1,800	269	10,700
Recreational Infrastructure Canada Fund	50							50

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	92	105	108
Less:			
Operating expenditures increase/(decrease)	88	176	264
Debt and finance charges increase	-	142	324
SURPLUS/(DEFICIT)	4	(213)	(480)

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

Recreational Infrastructure Canada Funding will supplement funding authorized in the 2009 Capital to complete enhancements at the Norquay Community Center.

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

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

Department: Public Works
Project: 1856000112
Capital Priority Rating: 1 - 4
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	150	150	150	150	600	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				150	150	150	150	600	600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	128	150	150	150	22	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-		128	150	150	150	22	600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	-	8
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	8

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

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

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

Project Name: **Community Park Amenities**

Department: Public Works
Project: 1857000109

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,500	1,500	1,500	1,500	1,500	1,500	7,500	9,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,500	1,500	1,500	1,500	1,500	1,500	7,500	9,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	77	90	90
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	121	278
SURPLUS/(DEFICIT)	77	(31)	(188)

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

Improvement of park amenities at various locations.

Chochinov Park has been identified as a priority in the Old Kildonan Ward. On June 24th Council approved a first call on the 2010 Budget in the amount of $40,000 for this project.

2010 Funding in the amount of $75,000 has been committed to field renovations for the Transcona Nationals Football Club and will supplement funding the Club will receive from the Recreational Infrastructure Canada Fund.

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

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

Department: Assessment & Taxation
Project: 1420000110
Capital Priority Rating: 2 - 3
Service: Roadway Construction and Maintenance

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	3,000	3,000	3,000	3,000	3,000	15,000	15,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000	450	450	450	450	450	2,250	3,250
Interim Financing		(1,000)							(1,000)
External Debt			2,550	2,550	2,550	2,550	2,550	12,750	12,750

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	2,550	3,000	3,000	3,000	3,000	450	15,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,000	383	450	450	450	450	67	3,250
Interim Financing	(1,000)							(1,000)
External Debt		2,167	2,550	2,550	2,550	2,550	383	12,750

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	154	180	180
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	83	340	633
SURPLUS/(DEFICIT)	71	(160)	(453)

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 - 1
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,774	1,508	1,538	1,569	1,600	1,632	7,847	10,621
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,774	1,508	1,538	1,569	1,600	1,632	7,847	10,621

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,774	1,508	1,538	1,569	1,600	1,632	-	10,621
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	2,774	1,508	1,538	1,569	1,600	1,632		10,621

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	90	313	483
SURPLUS/(DEFICIT)	(90)	(313)	(483)

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 Captial budget program, approved a 2% annual increase to the Community Incentive Grant Program. The Forecast assumes the continuation of this 2% increase beyond 2012.

The remaining cash balances of the CIG Programs from 2004, 2005, 2006, and 2007 were cancelled in June, 2009 but are proposed for re-budgeting in 2010. The proposed amount from these four years is $1,296,000 and has been added to the 2010 program of $1,478,000.

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

Project Name: **Library Replacement - Various**

Department: Community Services
Project: 62130001yy

Capital Priority Rating: 1 - 2
Service: Libraries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	-	5,000	3,000	3,000	2,000	3,000	16,000	16,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			5,000	3,000	3,000	2,000	3,000	16,000	16,000

CASH FLOW	2010	2011 **	2012 **	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	5,000	3,000	3,000	2,000	3,000	-	16,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	5,000	3,000	3,000	2,000	3,000		16,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)		(373)	(373)
Debt and finance charges increase	-	163	606
SURPLUS/(DEFICIT)	-	210	(233)

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

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 2011 have been designated for the amalgamation of two existing branches into one new facility assuming construction will occur in 2011 ready to open early 2012. Funding in 2013, 2014 and 2015 are for future library projects that could include, but are not limited to, amalgamations, joint use facilities, mulit-use recreation and leisure facilities, and stand alone library facilities where a business case can be made (Recreation, Leisure & Library Facility Policy).

** Supported by class 2 estimate, see Appendix # 2.

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

Department: Community Services
Project: 62110005yy

Capital Priority Rating: 1 - 2
Service: Libraries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	-	-	200	200	200	200	800	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200	200	200	200	800	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	200	200	200	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200	200	200	200		800

NET OPERATING IMPACT	2010	2011	2012
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*

Capital funding is required to replace aging library shelving and furniture that cannot be accommodated within the existing operating budget. The average age of Winnipeg's branch libraries is approximately 45 years old. Much of the 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 safe, accessible and welcoming spaces for the changing needs of library users.

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

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

Department: Community Services
Project: 62600001yy

Capital Priority Rating: 1 - 2
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	250	-	-	-	-	-	-	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250						-	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	-						250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	24	25
SURPLUS/(DEFICIT)	(8)	(24)	(25)

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

The Neighbourhood Profiles initiative will build information technology 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. The neighbourhood profiles information will build upon the custom-built Stats Canada Census Data (organized by neighbourhoods) which is purchased every 5 years and constitutes the base of the neighbourhood profiles information system which is currently on the City's web site.

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

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	320	160	-	-	-	-	-	-	160
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		160						-	160

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	160	-	-	-	-	-	-	160
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	160							160

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	5	15	16
SURPLUS/(DEFICIT)	(5)	(15)	(16)

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.

** Supported by class 2 estimate, see Appendix # 2.

Project Name: **Insect Control - Replace 3 Grey Street Operations Building**

Department: Community Services
Project: 62xxxxxxyy
Capital Priority Rating: 3 - 2
Service: Insect Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,000	1,000	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 Insect Control Operations Building at 3 Grey Street requires replacement. The existing building is very old and no longer meets the increased size and scope of today's insect control service delivery demands. This is a preliminary estimate, which if approved, actual costs will be further detailed during the upcoming year and an updated submission will be forthcoming in the next submission for 2016.

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

Department: Community Services
Project: 621xxxxxyy

Capital Priority Rating: 1 - 2
Service: Libraries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	300	-	300	1,000	1,000	-	2,300	2,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		300		300	1,000	1,000		2,300	2,600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	300	1,000	1,000	-	-	2,600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	300		300	1,000	1,000			2,600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)	(50)	(50)	(50)
Debt and finance charges increase	10	29	41
SURPLUS/(DEFICIT)	40	21	9

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 45 years old. Improvements to facilities will include such things as replacing carpeting, flooring, painting, energy efficient improvements such as lighting and water conservation initiatives, furnishings, counters and workstation replacements that incorporate ergonomic design and universal design principles. In addition, funding will be used for undertaking minor and major construction projects in order to improve library facilities to meet the changing needs of library users.

The operating savings are due to the expectations of reduced utility charges from the installation of water conservation equipment and energy efficient lighting in 20 branches in the latter part of 2009.

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

Project Name: **Imaging and Document Management**

Department: Community Services
Project: 626xxxxxyy

Capital Priority Rating: 1 - 2
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	-	250	250	-	-	-	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			250	250				500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	250	250	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	250	250					500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	8	34
SURPLUS/(DEFICIT)	-	(8)	(34)

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

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 key objective of this project is to manage information through one comprehensive system that provides full information accessibility at one source or alternatively through one interface and is based on a sound foundation of technology and records and information management principles. This will enhance decision making and other business processes related to all aspects of service delivery to the public.

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	500	500	1,000	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200				500	500	1,000	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	-	-	-	500	500	-	1,200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200				500	500		1,200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	19	20
SURPLUS/(DEFICIT)	(7)	(19)	(20)

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 are 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 that make the operation of libraries more efficient and cost effective.

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

Department: Community Services
Project: 625000001yy

Capital Priority Rating: 1 - 2
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	300	-	400	400	500	500	1,800	2,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		300		400	400	500	500	1,800	2,100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	400	400	500	500	-	2,100
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	300	-	400	400	500	500		2,100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	10	29	44
SURPLUS/(DEFICIT)	(10)	(29)	(44)

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 Building Services.

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, regulation, 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).

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

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

Department: Community Services
Project: 621xxxxxyy

Capital Priority Rating: 1 - 2
Service: Libraries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	200	200	200	200	800	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200	200	200	200	800	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	200	200	200	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200	200	200	200		800

NET OPERATING IMPACT	2010	2011	2012
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*

Capital funding is needed to address three areas: 1. Signage needs on the exterior and interiors of library facilities, including electronic signs, for promotion of services and programs, are required to make libraries more visible to the community. 2. Safety issues need to be addressed in many libraries. Upgrading lighting, installing video monitoring technology, regular landscape maintenance, and other building upgrades are required to ensure that libraries remain safe and welcoming to the community and deter vandalism and graffiti.
3. Accessibility issues need to be addressed including adding exterior ramps, upgrading public and staff washrooms, improving wayfinding signage, and installing life safety apparatus to meet the needs of persons with disabilities.

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

Project Name: **Recreation Equipment Program - New Facilities**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	600	600	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							600	600	600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	600	-	600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						600		600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 funds are required to purchase recreation equipment to meet the program needs of patrons in new and/or expanded facilities. New facilities that required significant equipment purchases included the 2009 Cindy Klassen Recreation Centre and in 2010 the North End Recreation and Leisure Facility.

This capital request coincides with the longer term plan of building new, refurbishing, expanding, and/or improving recreation facilities with the "Recreation Facility Replacement - Various" capital project.

Project Name: **Business Application Systems**

Department: Community Services
Project: 626xxxxxyy

Capital Priority Rating: 1 - 2
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	250	-	-	250	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					250			250	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	250	-	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				250				250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 and/or City as a whole (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 provide more convenient, efficient and cost-effective public service.

Project Name: **Technology Upgrade and Replacement**

Department: Community Services
Project: 62xxxxxxyy

Capital Priority Rating: 1 - 2
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	250	-	250	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						250		250	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	250	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					250			250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 in order to maintain life cycle replacement schedules of existing hardware as the Computer Equipment Replacement Reserve will be depleted in 2014.

Project Name: **Mobile Library Service Vehicle**

Department: Community Services
Project: 621xxxxxyy

Capital Priority Rating: 1 - 2
Service: Libraries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	300	-	-	300	300
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					300			300	300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	300	-	-	-	300
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				300				300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Funding is required to purchase a new mobile library vehicle in order to expand library outreach services to inner city, high risk neighbourhoods. The vehicle purchased would be a walk-on vehicle that would be equipped with shelving for collections, space for programming and public access computers to provide access to information and conduct library functions. The Library Services Division will work in conjunction with Fleet Management to purchase the appropriate vehicle for this specialized service. The vehicle may be purchased from out of province because of the specialized nature of the vehicle.

Staffing to drive the vehicle and provide library services would be absorbed within the Outreach Services Unit. Any additional operating expenses (e.g. insurance, gas) will be identified in the 2011-2016 Capital budget submission.

Project Name: **Recreation Facility Replacement - Various**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	1,750	-	-	-	2,791	4,541	5,041
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	1,750				2,791	4,541	5,041

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	500	1,750	-	-	-	2,791	-	5,041
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	500	1,750	-	-	-	2,791		5,041

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	16	104	225
SURPLUS/(DEFICIT)	(16)	(104)	(225)

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

Old infrastructure - During the 1950's, 60's and 70's, the City experienced significant growth with corresponding new infrastructure being built as a result of the baby boomer generation. Much of this infrastructure is 40 to 60 years old and requires renewal.

These project funds are necessary for new infrastructure to service growth and to replace existing aging infrastructure to meet citizen demand for contemporary recreational amenities. Replacement of existing facilities may result in consolidation or closing of existing facilities to meet the requirements in the Recreation Leisure and Library Facility Policy approved by Council on May 18, 2005. The City is working towards the consolidation of facilities in all future developments with a focus on developing multi-use facilities (e.g. libraries, water amenities, fitness, skateboard parks, basketball courts, arenas).

The funds requested in 2010 and 2011 are proposed for a new multi-use facility and are required to supplement the $6.0 million in capital funding ($1.0 million in 2009; $5.0 million in 2011) included in the Library Replacement capital request. The total of $2.250 million includes costs for the demolition of existing structures, design and construction of the facility, and parking lot development. Net utility savings (e.g. heat, electricity, water, repairs and maintenance) that would accrue from a new building will be determined and incorporated into the 2011 - 2013 budget.

Project Name: **Insect Control - Information System**

Department: Community Services
Project: 62xxxxxxyy
Capital Priority Rating: 3 - 2
Service: Insect Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,250	1,250	1,250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,250	1,250	1,250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 will create a totally integrated Insect Control information system that includes: dispatch, inventory control, billing, tracking & reporting, larviciding and fogging. This system will enable Insect Control to more effectively coordinate their fogging and larviciding programs and use their products in a more efficient manner. The current system is comprised of disparate applications that have been created over the last 5-10 years. It is anticipated that since Insect Control is a very unique function, no "off the shelf" software will be available, therefore it will need to be custom built.

Project Name: **Assiniboine Park Conservancy (APC) - Building Repairs and Upgrades Plan**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	5,123	2,000	2,000	3,000	3,000	3,000	13,000	18,123
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		5,123	2,000	2,000	3,000	3,000	3,000	13,000	18,123

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	5,123	2,000	2,000	3,000	3,000	3,000	-	18,123
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	5,123	2,000	2,000	3,000	3,000	3,000		18,123

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	166	553	784
SURPLUS/(DEFICIT)	(166)	(553)	(784)

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

This capital request is subject to Council approval of the Assiniboine Park Management Agreement and EPC approval of specific project detail.

These capital dollars represent the City's ongoing committment to Assiniboine Park building repairs and upgrades.

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

Project Name: **Assiniboine Park Conservancy (APC) - Development Plan**

Department: Community Services
Project: 62300001yy

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,849	-	-	-	-	-	-	2,849
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		117						-	117
Proceeds from Glacial and Sand Gravel		2,732						-	2,732

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,849	-	-	-	-	-	-	2,849
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	117							117
Proceeds from Glacial and Sand Gravel	2,732							2,732

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	4	11	12
SURPLUS/(DEFICIT)	(4)	(11)	(12)

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

The municipal portion of this capital request is subject to confirmation of all funding sources - Province, Federal government, and private donors.

The Assiniboine Park Conservancy (APC) Development capital plan for 2010 includes:

- Nature Playground, Duck Pond, and Family Centre Project

- Design of the Rushing River water play component

- Planning and design of Phase 1 of Zoo Redevelopment - Polar Bear Rescue, Research, and Conservation Centre

WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	523	-	-	-	523	523
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				523				523	523

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	523	-	-	-	-	523
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			523					523

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.

Project Name: **Police Headquarters**

Department: Winnipeg Police Service
Project: 2200000110

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012**	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	5,640	-	7,611	8,220	6,556	-	22,387	28,027
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		5,640		7,611	8,220	6,556		22,387	28,027

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	5,640	-	7,611	8,220	6,556	-	-	28,027
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	5,640		7,611	8,220	6,556			28,027

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 consists of a number of improvements to and/or consolidation of various Winnipeg Police Service units' facilities. These improvements will address the operating requirements of a modern police force in a metropolitan area the size of the City of Winnipeg. Areas impacted include, the Evidence Control Unit, the Technological Crimes / Identification Unit, the Street Crime Unit, and the Central Processing Unit. These significant aspects of the Service require updated modern facilities to maximize operating processes. A number of other operating units will also be impacted by this consolidation.

** Supported by Class 3 estimate, see Appendix # 2.

Project Name: **Winnipeg Police Service Communications**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	7,193	-	-	-	-	7,193	7,193
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			7,193					7,193	7,193

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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.

** Supported by Class 3 estimate, see Appendix # 2.

Project Name: **Wireless Emergency 911 Upgrade**

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

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	260	-	-	-	-	-	-	260
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		260						-	260

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	260	-	-	-	-	-	-	260
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	260							260

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.

** Supported by Class 1 estimate, see Appendix # 2.

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	2010 Estimate	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	-	-	-	-	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			500					500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		500						500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.

** Supported by Class 1 estimate, see Appendix # 2.

Project Name: **Police Priority Dispatch System**

Department: Winnipeg Police Service
Project: 2200000810

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	427	-	-	-	-	-	-	427
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		427						-	427

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	427	-	-	-	-	-	-	427
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	427							427

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.

** Supported by Class 1 estimate, see Appendix # 2.

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	593	-	593	593
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)						593		593	593

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	593		-	593
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					593			593

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

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

Project Name: **Mobile Laptops**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,200	-	-	1,200	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,200			1,200	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

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

Project Name: **Officer Mobile Video System**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,000	1,000	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 increasing demands for capturing information when dealing with the public, it appears that at the moment the best way to accomplish this is through an officer mobile video system. The mobile system would be attached to an officer and record all audio and video for a particular interaction. It is estimated that $1,000,000 would be required to outfit approximately 800 officers with this equipment along with storage equipment to archive and maintain the data. It is expected that technology will progress in this area to provide better alternatives when the purchase date arrives. Additional funding of $1,000,000.

Project Name: **Furniture**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	566	566	566
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							566	566	566

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	566	-	566
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						566		566

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 furniture being utilized in many cases 24 x 7 x 365 it is required to further upgrade our furniture assets. The average dimensions of an officer is larger than the general public resulting in additional wear and tear. As well, a number of requests approved by Occupational Health have resulted in an increase of ergonomic furniture being ordered to accommodate special needs and prevent repetitive strain or back injuries. Additional request of $566,000 includes:

400 Chairs	230
200 Desks with ergonomic keyboard trays	300
50 Four-drawer cabinets	28
20 Three-drawer cabinets	8
	566

Project Name: **Radio Upgrade for Districts 3 and 4**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	500	500	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							500	500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	500	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						500		500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Service conducted an upgrade on a majority of its radios in 2008 and 2009. This submission requests funding to replace radios in District 3 and 4 which will be 10 years old in 2013. Additional funding of $500,000.

Project Name: **Computer Upgrades - Data Integrity and Protection**

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

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	492	-	-	-	-	-	-	492
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		492						-	492

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	492	-	-	-	-		-	492
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	492							492

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 recent review of Police information systems identified a number of upgrades required to better protect the integrity and safety of the Police Service's electronic information.

** Supported by Class 1 estimate, see Appendix # 2.

Upgrades include:	
Firewall Upgrade	132
Transient and Mobile Users Virtualization	180
Police Information Portal	100
Executive and Document Records Management Project	35
Password Management Software	45
	492

Project Name: **Computer Assisted Dispatch**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,000	1,000	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 main Police Service information and communication system will have been in operation for 10 years and at the end of its life cycle. This submission proposes to replace the system.

Project Name: **Crime Analysis System/Child Exploitation Software/Crime Tracking System**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,460	1,460	1,460
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,460	1,460	1,460

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	1,460	-	1,460
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						1,460		1,460

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 crime analysis system will have reached the end of its life cycle in 2014 and will require upgrading. The replacement of the Integrated Child Exploitation system software will also be required. The Service also requires a new Case tracking system for Major Crimes and an Electronic Collision Reporting System to automate the reporting of collisions to government agencies. Additional request of $1,460,000 includes:

Replacement of Crime Analysis System to help determine trends in crime activities	660
Integrated Child Exploitation System Software	500
Case Tracking System for Major Crimes	150
Electronic Collision Reporting System	150
	1,460

Project Name: **Long Term Computer Upgrades**

Department: Winnipeg Police Service
Project: 22XXXXXXYY

Capital Priority Rating: 3 - 3
Service: Police Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,526	1,526	1,526
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							1,526	1,526	1,526

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	1,526	-	1,526
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)						1,526		1,526

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Service has identified a number of long term information upgrades required including:

Independent Internet Access	100
Email Exchange Storage	100
Document and Management System for Human Resources	150
Work Order and Service Desk Tracking System	66
Intelligence Led Reporting	500
Remedy Replacement Support	60
Canadian Police Information Centre replacement of authentication software (original implementation 2009)	150
Replacement of DS4700 Storage Area Network	400
	1,526

Project Name: **Police Building Replacement**

Department: Winnipeg Police Service
Project: 633100xx10
Capital Priority Rating: 3 - 3+2
Service: Police Response

AUTHORIZATION	Previous Budgets*	2010 Estimate	FORECAST 2011	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	56,721	-	-	2,600	-	-	-	2,600	2,600
Financed by:									
Cash to Capital (Equity in Capital Assets)		891	891	4,667	3,374	3,374	3,374	15,680	16,571
Public Private Partnership Lease Payments		(891)	(891)	(2,067)	(3,374)	(3,374)	(3,374)	(13,080)	(13,971)

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	891	891	4,667	3,374	3,374	3,374	105,613	122,184
Financed by:								
Cash to Capital (Equity in Capital Assets)	891	891	4,667	3,374	3,374	3,374	105,613	122,184

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

The 2009 Adopted Capital Budget and 2010 to 2014 Five-Year Forecast approved by Council on December 16, 2008 included estimated budget required to procure two district stations including, potentially, property and purchasing the necessary furniture and special equipment needed at each station.

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. Costs include estimated procurement, furniture, and special equipment, plus construction inflation and timelines for the development of the district police stations.

The above annual cash flow estimates represent lease payments and include technical maintenance, but not utility and other operating maintenance expenses. This capital detail sheet was prepared by Planning, Property and Development.

* Note: "Previous Budget" amount includes funding of $53.534 million identified as Public Private Partnership and $3.187 million of Cash to Capital. The Cash to Capital was reduced from $8.725 in 2009 due to a closing of prior year funding of $5.538 million.

** Supported by Class 3 estimate, see Appendix # 2.

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,800	-	2,700	2,300	858	3,000	8,858	11,658
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,496	-	2,700	2,300	858	3,000	8,858	10,354
Manitoba Winnipeg Infrastructure Program (MWIP)	896	1,304							1,304

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	1,800	1,400	2,600	2,300	2,158	600	11,658
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	896	1,400	2,600	2,300	2,158	600	10,354
Manitoba Winnipeg Infrastructure Program (MWIP)	400	904						1,304

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	44	119
SURPLUS/(DEFICIT)	(8)	(44)	(119)

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

This project represents the Winnipeg Fire Paramedic Service (WFPS) program for facility replacement, relocation, and improvements.

To deal with an infrastructure deficit identified in 2008, the WFPS proposed a two phase approach, with Phase I identifying stations most in need of improvement or replacement. In addition, 2010 includes $300,000 for the construction of a Pump and Aerial Test Facility at 2456 McPhillips Street.

Phase I

Station # 11 Relocation (presently at 200 Berry Street) - previously approved.

Station # 12 Relocation (presently at 1710 Grosvenor Avenue)

Station # 18 Replacement (5000 Roblin Boulevard)

Station # 27 New Station (South east quadrant of the city)

Fire Facilities (continued):

Phase II

Station # 19 Relocation (presently at 320 Whytewold Road)

Station # 15 Relocation (presently at 1083 Autumnwood Drive)

Station # 4 Replacement (presently at 150 Osborne Street)

Station # 13 Relocation (presently at 700 Lilac Street)

New Station (Waverley West Development)

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

Project Name: **Replacement Radio System**

Department: Fire Paramedic Service
Project: 21000014yy
Capital Priority Rating: 3-3
Service: Fire and Rescue Response

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	2,000	2,000	2,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)							2,000	2,000	2,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	2,000	-	2,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)					-	2,000	-	2,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Fire Paramedic Service (WFPS) currently operates 420 radios under the Fleetnet Radio System (FRS). The existing vendor will not support the system past 2014 and it is unknown what will replace the FRS across the province after that. Initial system redevelopment to support a new radio system is estimated at $2.0 million.

PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Computer Automation**

Department: Planning, Property and Development
Capital Priority Rating: 3 - 3
Project: 6361000410
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	350	200	200	200	200	200	1,000	1,350
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		350	200	200	200	200	200	1,000	1,350

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	350	200	200	200	200	200	-	1,350
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	350	200	200	200	200	200		1,350

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	10	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		33	55
SURPLUS/(DEFICIT)	10	(27)	(49)

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

This is an on going office automation program. Its primary goals are to deliver cost-effective solutions that provide convenient customer service to our citizens and to improve organizational efficiencies. We can achieve these goals through expansion of online services, office/ workflow automation, re-engineering of legacy systems, electronic documents management, and systems integration (e.g. database synchronization) between our own applications and those of other departments.

It is anticipated that maintaining and improving a solid technological framework can provide the basis for organization improvements that increase efficiency and reliability. In order to improve service delivery, we strive to make information more accessible, streamline workflows, and reduce any duplication of efforts. It can also be argued that some initiatives such as electronic document submissions are not only citizen-friendly but environmentally responsible as well.

A general program of ongoing system improvement is suggested and is seen as reasonable to ensure the continued longevity and viability of the City's investment in office automation.

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

Project Name: **Riverbank Greenway Programs**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 2
Project: 6351300110
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,536	385	403	551	381	448	434	2,217	2,602
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		385	403	551	381	448	434	2,217	2,602

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	385	403	551	381	448	434	-	2,602
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	385	403	551	381	448	434		2,602

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	11	12	16
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		37	79
SURPLUS/(DEFICIT)	11	(25)	(63)

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

This program supports the acquisition of riverbank lands for the City's linear parkway system and 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, South Winnipeg, Kildonan, Boni-Vital , North Assiniboine, and South Assiniboine, in no particular order.

2008 Projects

Elzear Goulet Memorial Park (Boni-Vital Parkway) - 100% Complete

Bois-des-Esprits Primary Pathway (Seine River Greenway) - 50% Complete; Project to be completed Summer 2009

St. John's Park Pathway (North Winnipeg Parkway) - 75% Complete; Project to be completed Summer 2009

Norquay to Alfred Riverbank Trail (North Winnipeg Parkway) - 75% Complete; Project to be completed Summer 2009

2009 Projects

Woodhaven CC to Sturgeon Road Riverbank Trail (Sturgeon Creek Greenway) - Tender for Construction Fall 2009

Riverbank Parkway Trailheads, Kiosks & Signage - Tender for Construction Fall 2009 & Spring 2010

2010 Proposed Projects

South Winnipeg Parkway - Glasgow to Togo connection

North Assiniboine Parkway - Omand Park to Assiniboine Park connection

South Winnipeg Parkway - Omand Park to Assiniboine Park connection

Project Name: **Cemeteries - Improvements**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 3
Project: 6322100110
Service: Cemeteries

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,666	550	300	200	200	200	260	1,160	1,710
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400	300	200	200	200	260	1,160	1,560
Veterans Affairs Canada		150						-	150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	550	300	200	200	200	260	-	1,710
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	300	200	200	200	260		1,560
Veterans Affairs Canada	150							150

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	16	9	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		52	85
SURPLUS/(DEFICIT)	16	(43)	(79)

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

The funds are required to supplement investment being received from Veterans Affairs Canada (VAC) under a joint funding project to renovate the Brookside Cemetery. VAC have so far invested $60k in 2007, $120k in 2008, $200k in 2009 and a discussion of $150k average for further years to complete the project; further funding is promised but not guaranteed for the next 10 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 repair roadways at Brookside and Transcona Cemeteries, install new storage buildings and interment sections in Brookside Cemetery.

Project Name: **Downtown Enhancement Program**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351800110
Service: City Beautification

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,800	400	400	400	400	400	400	2,000	2,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400	400	400	400	400	400	2,000	2,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	400	400	400	400	400	-	2,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	400	400	400	400	400		2,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	12	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	80
SURPLUS/(DEFICIT)	12	(26)	(68)

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, Bonnycastle 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 2010-2015 include Old Market Square Phase I, II & III, Manitoba Hydro Precinct, Bonnycastle Park, Assiniboine Riverwalk, Downtown and Exchange District Pedestrian Facilities Enhancements, Broadway and the Edmonton Street Pedestrian Corridor.

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

Department: Planning, Property and Development
Capital Priority Rating: 2 - 3
Project: 6351241510
Service: City Beautification

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	400	400	400	400	400	400	2,000	2,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400	400	400	400	400	400	2,000	2,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	400	400	400	400	400	-	2,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400	400	400	400	400	400		2,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	12	12	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	80
SURPLUS/(DEFICIT)	12	(26)	(68)

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.

Image Route Enhancements / Streetscaping (continued):

2010 - Transcona BIZ (Major Project Revitalization) / St. James Village BIZ (Concept Plan Development), West Broadway BIZ (Concept Plan Development), Academy Road BIZ (Pocket Park Project & Repair Street Elements).

2011 - St. James Village BIZ (Major Project Revitalization), West Broadway BIZ (Major Project Revitalization), Osborne South BIZ (Concept Plan Development)

2012 - St. James Village BIZ (Major Project Revitalization), West Broadway BIZ (Major Project Revitalization), Osborne South BIZ (Major Project Revitalization), Norwood Grove BIZ (Concept Plan Development)

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

Project Name: **Public Art Strategy**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 1
Project: 6351400710
Service: City Beautification

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,600	500	500	500	500	500	500	2,500	3,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	15	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	100
SURPLUS/(DEFICIT)	15	(33)	(85)

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 underway:

- Exchange District BIZ kiosks collaboration

- "With Art" Projects: Winnipeg Gateway & Transit, The Eritrean Community, Dorchester House, Immigrant Refugee Community Organization of Manitoba

- Artist-in-Residence Project: St. Boniface Museum

- Maison des Artistes, Jardin des Artistes - Les Amoureux

Projects implemented:

- "With Art" Projects: Bishop Grandin Greenway Environmental Sculptures, Manitoba Urban Native Housing Association, Spence Neighbourhood Association, Manitoba Maternity Care Action Network, Elwick Community

- Artist-in-Residence Projects: City Archives "Souvenirs", Living Prairie Museum "Lost Landscape"

- Vimy Ridge Memorial Park

- Millenium Library "The Illumination"

- Downtown BIZ bike racks

- Assiniboine Park Sculpture "Agassiz Ice"

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

Department: Planning, Property and Development
Capital Priority Rating: 3 - 2+2
Project: 6321100110
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	300	400	400	400	400	1,900	2,100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	300	400	400	400	400	1,900	2,100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	300	400	400	400	400	-	2,100
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200	300	400	400	400	400		2,100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	6	9	12
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	50
SURPLUS/(DEFICIT)	6	(10)	(38)

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

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

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

Project Name: **Developer Payback**

Department: Planning, Property and Development
Capital Priority Rating: 1 - 1
Project: 6351000210
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	454	280	261	250	203	298	-	1,012	1,292
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		280	261	250	203	298		1,012	1,292

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	280	261	250	203	298	-	-	1,292
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	280	261	250	203	298			1,292

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	8	8	7
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		27	54
SURPLUS/(DEFICIT)	8	(19)	(47)

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

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

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

Calculations based on industry consultation.

Project Name: **Central Park Redevelopment**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 4

Project: 6351500110
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	400	-	-	-	-	-	-	400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400						-	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400							400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	12		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	40
SURPLUS/(DEFICIT)	12	(38)	(40)

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

The $400,000 is to be provided to CentreVenture Development Corporation for the Grant portion of the City of Winnipeg Central Park Redevelopment. The Grant is to be provided specifically for infrastructure costs of the re-development of Central Park.

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

Department: Planning, Property and Development
Capital Priority Rating: 3 - 4
Project: 6351300210
Service: Parks and Urban Forestry

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,300	1,500	1,000	1,000	1,000	1,000	1,000	5,000	6,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)	1,300	600	1,000	1,000	1,000	1,000	1,000	5,000	5,600
Manitoba Winnipeg Infrastructure Program (MWIP)	3,000	900							900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,500	1,000	1,000	1,000	1,000	1,000	-	6,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	600	1,000	1,000	1,000	1,000	1,000		5,600
Manitoba Winnipeg Infrastructure Program (MWIP)	900							900

Revenue increase/(decrease)	44	29	29
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		143	251
SURPLUS/(DEFICIT)	44	(114)	(222)

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. Four priority sites have been stabilized to date, namely, Annabella Street to May Street (2003), St. John's Park (2006), Bunn's Creek (2006) and St. Vital Park (2008) at a total cost of approximately $4.0 million.

Riverbank Stabilization - Physical Asset Protection (continued):

The Planning, Property & Development Department, in collaboration with the University of Manitoba, developed a GIS Riverbank Asset Management System which systematically updated the priority sites listing in 2009 for all City owned riverbank property based on assigned engineering attributes as follows:

Site	Amount
Red River - Churchill Park (Montague to Cockburn)	2,620,000
Red River - King's Park (Outside Bend)	2,770,000
Red River - Guay Park	1,110,000
Red River - King's Park	1,460,000
Red River - Minnetonka at River Road	430,000
Red River - River to Rivergate	1,780,000
Red River - Canoe Club	3,570,000
Red River - St. Mary's at Perimeter	3,610,000
Red River - Crescent Park	1,010,000
Red River - St. Vital Cemetery	2,100,000
Red River - Glasgow to Brandon	1,040,000
Red River - Lyndale Drive	1,650,000
Total:	23,150,000

Project Name: **Building Communities Initiative II**

Department: Planning, Property and Development
Capital Priority Rating: 2 - 4
Project: 6351200010
Service: Neighbourhood Revitalization

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	* 7,500	2,000	2,000	2,000	2,000	2,000	2,500	10,500	12,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000	1,000	1,000	1,000	1,000	1,250	5,250	6,250
Manitoba Winnipeg Infrastructure Program (MWIP)		1,000	1,000	1,000	1,000	1,000	1,250	5,250	6,250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,000	2,000	2,000	2,000	2,000	2,500	-	12,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,000	1,000	1,000	1,000	1,000	1,250		6,250
Manitoba Winnipeg Infrastructure Program (MWIP)	1,000	1,000	1,000	1,000	1,000	1,250		6,250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	58	58	58
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		190	401
SURPLUS/(DEFICIT)	58	(132)	(343)

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 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.

*Amount has been adjusted 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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	500	500	500	500	500	2,500	3,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	15	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	100
SURPLUS/(DEFICIT)	15	(33)	(85)

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

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

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

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	300	300	-	230	100	930	930
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			300	300		230	100	930	930

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	300	300	-	230	100	-	930
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	300	300	-	230	100		930

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)		3	9
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			30
SURPLUS/(DEFICIT)	-	3	(21)

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

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

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

Project Name: **Removal of Asbestos**

Department: Civic Accommodations
Project: 6331000310
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	300	100	124	100	500	200	1,024	1,324
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		300	100	124	100	500	200	1,024	1,324

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	100	124	100	500	200	-	1,324
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	300	100	124	100	500	200		1,324

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	9	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		29	40
SURPLUS/(DEFICIT)	9	(26)	(37)

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

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

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

Project Name: **Roof Replacement**

Department: Civic Accommodations
Project: 6331001710
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	800	200	200	250	400	400	1,450	2,250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		800	200	200	250	400	400	1,450	2,250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	200	200	250	400	400	-	2,250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	800	200	200	250	400	400		2,250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	24	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		76	100
SURPLUS/(DEFICIT)	24	(70)	(94)

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.

Projects for 2010 include the following:

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

2546 McPhillips Street	120
700 Assiniboine Park Drive	230
1539 Waverley Street	170
Miscellaneous	280
Total	800

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

Department: Civic Accommodations
Project: 6331000410
Capital Priority Rating: 3 - 4
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	200	200	200	400	300	1,300	1,800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	200	200	200	400	300	1,300	1,800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	500	200	200	200	400	300	-	1,800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	500	200	200	200	400	300		1,800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	15	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	70
SURPLUS/(DEFICIT)	15	(42)	(64)

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

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

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

Project Name: **Energy Conservation**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	300	-	200	-	200	100	500	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		300		200		200	100	500	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	200	-	200	100	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	300		200		200	100		800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	9		6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		29	30
SURPLUS/(DEFICIT)	9	(29)	(24)

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

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

Optimizes Operational Savings.

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

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	-	-	200	-	-	-	200	200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200				200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	-	-	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200					200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	6

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

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

Major structural repairs will be required.

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	500	-	500	200	1,200	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				500		500	200	1,200	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	500	-	500	200	-	1,200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			500		500	200		1,200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	15

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

Funds set aside for replacement of depreciated tenant improvements.

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

Project Name: **Historic Building Stabilization**

Department: Civic Accommodations
Project: 6331000710

Capital Priority Rating: 3 - 2
Service: Heritage Conservation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	400	-	200	200	200	200	800	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		400		200	200	200	200	800	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	-	200	200	200	200	-	1,200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	400		200	200	200	200		1,200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	12		6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		38	40
SURPLUS/(DEFICIT)	12	(38)	(34)

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

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

Major structural repairs will be required.

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

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

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	900	-	200	500	500	500	1,700	2,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		900		200	500	500	500	1,700	2,600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	900	-	200	500	500	500	-	2,600
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	900		200	500	500	500		2,600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	26		6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		86	90
SURPLUS/(DEFICIT)	26	(86)	(84)

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

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

Project for 2010 includes 251 Donald Street - $900k.

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

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

Department: Civic Accommodations
Project: 6331001212
Capital Priority Rating: 3 - 3
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	-	-	200	-	200	300	700	700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200		200	300	700	700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	-	200	300	-	700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200		200	300		700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	6

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

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.

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

Project Name: **Elevator and Escalator Repair**

Department: Civic Accommodations
Project: 633100xx10

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	800	400	200	300	300	400	1,600	2,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		800	400	200	300	300	400	1,600	2,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	400	200	300	300	400	-	2,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	800	400	200	300	300	400		2,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	12	9	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		40	73
SURPLUS/(DEFICIT)	12	(31)	(67)

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.

Projects for 2010 include the following:

510 Main Street	375
365 Main Street	300
299 Fort Street	75
Other	50
Total	800

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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,600	-	-	1,600	1,600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					1,600			1,600	1,600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 generator set in the City Hall complex is coming to the end of its useful life for several reasons. It was installed when the City Hall complex was constructed in 1964. Maintenance costs are rising and there is a possibility that the existing generator may not function as intended in a future power outage. Present Building Codes require additional equipment, needed for fire and life safety purposes, to be supplied with backup power from a generator. Upgrades to the fuel delivery system are also required by current Codes. Mission critical operations within the City Hall complex require backup power which exceeds the capacity of the existing generator set. These mission critical operations include the Emergency Operations Centre, Central Control, and select corporate computer equipment.

Project Name: **Surface Parking Lot Repairs**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	200	200	1,000	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	200	200	200	200	200	1,000	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	40
SURPLUS/(DEFICIT)	6	(13)	(34)

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" due to this project's on-going nature.

Projects for 2010 include the following:

2546 McPhillips Street	125
Miscellaneous	75
Total	200

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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	200	-	200	400	400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					200		200	400	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	200	-	200	-	400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				200		200		400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

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

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

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

Project Name: **Electrical Distribution System Upgrades**

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	200	-	200	400	400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					200		200	400	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	200	-	200	-	400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)				200		200		400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

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

Project Name: **510 Main Street - Accessibility Upgrade**

Department: Civic Accommodations
Project: 63xxxxxx10
Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,000	-	-	-	-	-	-	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000						-	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	29		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		95	100
SURPLUS/(DEFICIT)	29	(95)	(100)

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

The redevelopment of the upper courtyard at City Hall was completed in 2004. The lower courtyard was not completed at that time due to limited budget funding. The existing ramps from street level to the upper courtyard do not meet current universal accessibility requirements. The lower courtyard at street level has also deteriorated, does not comply with the City's universal design standards and requires upgrading. There are also outstanding building code/safety issues remaining to be addressed. A conceptual design has been developed and cost estimates prepared for the project.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Campus Area Security Upgrades**

Department: Civic Accommodations
Project: 6331002610
Capital Priority Rating: 3 - 4+2
Service: Property Asset Management

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500						-	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	500							500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	15		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		48	50
SURPLUS/(DEFICIT)	15	(48)	(50)

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

Security has been noted as an ongoing concern within the Civic Campus Area. Enhanced security in the Civic Campus area will reflect the evolving risk management needs to protect City staff and property from potential injury and loss, reduce legal liability and will assist to help attract the public to the downtown area. Possible upgrades may include exterior lighting, security system improvements, and video surveillance.

BUILDING SERVICES

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

Department: Building Services
Project: 6390000110
Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	500	500	500	500	500	2,500	3,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	15	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		59	106
SURPLUS/(DEFICIT)	15	(44)	(91)

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

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

Projects for 2010 include the following:

Roofing/Building Envelope - Notre Dame CC, Norberry CC, Oxford Heights CC, Robert A. Steen CC	380
HVAC Replacement/Upgrades - Northwood CC.	70
Parking Lot/Bldg Access Asphalt/Hard Surface and Drainage Improvements/Sewer Replacement - Norberry CC.	50
Total	500

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

Project Name: **Arenas**

Department: Building Services
Project: 6391000110

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	525	525	525	525	525	525	2,625	3,150
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		525	525	525	525	525	525	2,625	3,150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	15	15	15
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		62	112
SURPLUS/(DEFICIT)	15	(47)	(97)

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 2010 include the following:

Ice plant component repair/replacement -Vimy /Bertrand/Charles Barbour/Old Ex/ River East/Sargent Park/Billy Mosienko	275
Rink Board Replacement - Terry Sawchuk	100
Interior floor replacement - St.James Civic Centre / Century Arenas	25
Accessibility - Century Arena	125
Total	525

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

Project Name: **Indoor Aquatic Facilities**

Department: Building Services
Project: 6392000110
Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	650	2,450	2,530	2,530	2,530	2,530	12,570	13,220
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		650	2,450	2,530	2,530	2,530	2,530	12,570	13,220

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	650	2,450	2,530	2,530	2,530	2,530	-	13,220
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	650	2,450	2,530	2,530	2,530	2,530		13,220

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	19	72	72
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		135	371
SURPLUS/(DEFICIT)	19	(63)	(299)

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.

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

Projects for 2010 include the following:

Hot Tub Replacement - Bonivital Pool	200
Roof Replacement - St. James Civic Centre / Seven Oaks Pool	100
Parking Lot Refurbishment - Bonivital Pool	350
Total	650

Project Name: **Outdoor Aquatic Facilities**

Department: Building Services
Project: 6393000110

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	350	350	350	350	330	330	1,710	2,060
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		350	350	350	350	330	330	1,710	2,060

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	350	350	350	350	330	330	-	2,060
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	350	350	350	350	330	330		2,060

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	10	10	10
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		41	75
SURPLUS/(DEFICIT)	10	(31)	(65)

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 2010 include the following:

Wading Pool Building Refurbishment - Various	50
Wading Pool Concrete Restoration - Various	35
Wading Pool Plumbing Upgrades - Various	40
Structural Repairs - Westdale Outdoor Pool	225
Total	350

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

Project Name: **Community Facilities**

Department: Building Services
Project: 6394000110

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	200	200	1,000	1,200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200	200	200	200	200	200	1,000	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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		24	43
SURPLUS/(DEFICIT)	6	(18)	(37)

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 2010 is for building envelope upgrade at 180 Poplar and 625 Osborne.

180 Poplar is property owned by Winnipeg School Division #1 and used by Elmwood Seniors Centre via a joint use agreement between the City of Winnipeg Community Services Department and the School Division. The terms and conditions clause 4(b) the City of Winnipeg is obligated to "make repairs to the....with the said premises, repair the roof, outside walls, windows..."

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

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

Department: Building Services
Project: 6396000110
Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	225	225	225	225	225	225	1,125	1,350
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		225	225	225	225	225	225	1,125	1,350

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	6	6	6
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		26	48
SURPLUS/(DEFICIT)	6	(20)	(42)

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 changing Government Regulations.

Projects for 2010 include the following:

Upgrade fire alarm systems at various locations	114
Upgrade of fire separations, fire doors and emergency exits at various facilities	71
Asbestos remediation at various facilities	40
Total	225

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

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

Department: Building Services
Project: 6397000110

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	125	125	125	125	225	225	825	950
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		125	125	125	125	225	225	825	950

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	125	125	125	125	225	225	-	950
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	125	125	125	125	225	225		950

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		15	27
SURPLUS/(DEFICIT)	3	(12)	(24)

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.

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

Department: Building Services
Project: 6390001010

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	100	100	100	100	200	200	700	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	200	200	700	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	100	100	100	200	200	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	100	100	100	200	200		800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	21
SURPLUS/(DEFICIT)	3	(9)	(18)

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/work management program and linking to other division programs. This funding provides for the ongoing program of building assessment/inspection to ensure building condition data is current.

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

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

Department: Building Services
Project: 6390002010

Capital Priority Rating: 3 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	100	100	100	100	300	300	900	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		100	100	100	100	300	300	900	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	100	100	100	300	300	-	1,000
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	100	100	100	100	300	300		1,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	3	3	3
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		12	21
SURPLUS/(DEFICIT)	3	(9)	(18)

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 Universal Funding Formula (UFF) with the Community Centres. As such, this 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.

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

Project Name: **Pan Am Pool Building Envelope**

Department: Building Services
Project: 6392001110

Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	1,000	-	-	-	-	-	-	1,000
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000						-	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)	53	53	53
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		85	85
SURPLUS/(DEFICIT)	53	(32)	(32)

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

This project includes the complete replacement of the deteriorated building envelope to the north and south walls of the Pan Am pool. The project will address insulation, air/vapour barrier, windows and doors as well as some interior renovations.

** Supported by class 3 estimate, see Appendix # 2.

Building Envelope Pan Am 1,000

Project Name: **North End Centennial Pool Boiler/Chimney Replacement**

Department: Building Services
Project: 6392002110
Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	800	-	-	-	-	-	-	800
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		800	-	-	-	-	-	-	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	-	-	-	-	-	-	800
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	800	-	-	-	-	-		800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	33	33	33
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		68	68
SURPLUS/(DEFICIT)	33	(35)	(35)

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

This project is the replacement of the existing heating system and chimney at the North End Centennial pool to ensure the ongoing operation of the buildings heating systems. The existing systems have reached their life expectancy and upgrades will be made towards energy efficient building systems.

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

** Supported by class 3 estimate, see Appendix # 2.

Boiler / Chimney Replacement - North End Centennial 800

Project Name: **Recreation and Leisure Facilities**

Department: Building Services
Project: 6399000109
Capital Priority Rating: 1 - 4
Service: Recreation

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	43,760	100	-	-	-	-	-	-	100
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		860	8,000	1,000				9,000	9,860
General Purpose Reserve (Repayment)			(8,000)	(1,000)				(9,000)	(9,000)
Transfer from Sewage Disposal Utility Capital Program		3,292						-	3,292
Canada Strategic Infrastructure Fund - Province		3,112						-	3,112
Interim Financing (Repayment)		(7,164)						-	(7,164)

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	-	-	-	-	-		100
Financed by:								
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	3,112							3,112
Interim Financing (Repayment)	(7,164)							(7,164)

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	36	160	20
Less:			
Operating expenditures increase/(decrease)	486	486	486
Debt and finance charges increase	3	9	9
SURPLUS/(DEFICIT)	(453)	(335)	(475)

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: 040000xx10

Capital Priority Rating: 3-4
Service: Council Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	200	-	200	-	200	600	600
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			200		200		200	600	600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)		-	
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		-	54
SURPLUS/(DEFICIT)	-	-	(54)

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.

** Supported by class 1 estimate, see Appendix # 2.

Project Name: **Corporate Records Centre**

Department: City Clerks
Project: 040000xx10

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	575	-	-	200	-	-	-	200	200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)				200				200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	-	-	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)			200					200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			-
SURPLUS/(DEFICIT)	-	-	-

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

The City Clerk's Department has a corporate responsibility for records management services and archives as outlined in the City of Winnipeg Charter. To date, temporary record storage has taken place at 380 William Avenue. The facility is now at maximum capacity, forcing departments to utilize private records storage centers. Departments are bound by by-law to keep records for a specific period of time.

In order to provide a more centralized and more cost effective records management storage services, the City Clerk's Department will renovate a portion of a city owned warehouse at 311 Ross Avenue to accommodate records storage. The area will remain a warehouse but requires some repairs to floors and walls, upgraded lighting and security, and installation of shelving. The records center opened in August of 2007.

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

** Supported by class 1 estimate, see Appendix # 2.

Project Name: **Election Systems**

Department: City Clerks
Project: 040000xx10

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	150	-	-	150	200	-	350	500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		150			150	200		350	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	150	-	-	150	200	-	-	500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	150			150	200			500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	40	41
SURPLUS/(DEFICIT)	-	(40)	(41)

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

In accordance with the Department's statutory responsibility to compile a List of Electors and convene elections, every four years the Department ensures the renewal of equipment and systems used in Election processes.

As some of the systems are only used every 4 years, they require either extensive renovations or complete rewrites to allow them to function with changed systems, networks and databases.

In the past, this has involved corporate mainframes and a large number of staff from Corporate Information Technology Department. The City Clerk's Department will, for the 2010 Election, ensure systems are operational using in-house resources and contract personnel, and by purchasing ready made systems from election partners such as our voting machine partner Election Systems and Software and our voters list partners Elections Canada and Elections Manitoba.

Systems to be upgraded / revitalized for the 2010 Election include the List of Electors system, GIS mapping systems, election night reporting systems, and web sites, especially those utilizing the Internet for more effective communication with candidates, media and the public.

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

** Supported by class 1 estimate, see Appendix # 2.

Project Name: **Voting Machine Replacement**

Department: City Clerks
Project: 040000xx10

Capital Priority Rating: 5 - 4
Service: Council Services

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	250	-	-	-	-	-	-	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250						-	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250							250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	41	43
SURPLUS/(DEFICIT)	-	(41)	(43)

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

The City Clerk's Automated Voting Machine system was purchased in 1995 and was used through the 2006 General Municipal Election. While the current system is still functional, obtaining replacement equipment and parts, as well as support is becoming more and more difficult, as technology evolves and the company that manufactures the system moves towards newer technology.

Use of the system to meet the demands of the public and candidates in terms of reporting and other facets is also becoming increasingly difficult as the system ages and becomes more difficult to hook into City of Winnipeg networks / systems as they change.

Access concerns for the physically challenged and the public's desire for new voting technologies must also be addressed. A new voting system using up to date digital technology will be required for the 2010 General Municipal Event.

This will require extensive research and a Request For Proposal process started in late 2008, early 2009, with purchase of the new system to occur in late 2009 or 2010, leaving 10 months of setup time for the 2010 event.

** Supported by class 1 estimate, see Appendix # 2.

Project Name: **Security for Council Building**

Department: City Clerks
Project: 040000xx10
Capital Priority Rating: 3-4
Service: Council Services

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	200	-	-	-	-	-	-	200
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		200						-	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	200							200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		53	54
SURPLUS/(DEFICIT)	-	(53)	(54)

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

Working in conjunction with Civic Accommodations, this project will revisit security needs in the Council Building and undertake needed Capital Improvements.

** Supported by class 1 estimate, see Appendix # 2.

CORPORATE SUPPORT SERVICES - GENERAL CAPITAL FUND

Project Name: **Server Consolidation**

Department: Corporate Support Services
Capital Priority Rating: 5 - 4
Project: 345800010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	833	-	-	-	-	-	-	833
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		833						-	833

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	305	528	-	-	-	-	-	833
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	305	528	-	-	-			833

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	27	200	214
SURPLUS/(DEFICIT)	(27)	(200)	(214)

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

All departmental data centres and their respective server infrastructure will be migrated to two locations and managed by Corporate Support Services. Capital expenses are being incurred for new, more efficient server technology and staff costs to implement the solution over the planned 24-month implementation period.

** Supported by class 2 estimate, see Appendix # 2.

Project Name: **Time and Labour**

Department: Corporate Support Services
Capital Priority Rating: 5 - 4
Project: 3459000010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	250	-	-	-	-	-	-	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250						-	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	-	-	-	-			250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	8	60	64
SURPLUS/(DEFICIT)	(8)	(60)	(64)

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

Business review, development and implementation of a Consolidated Time and Labour Model for the City of Winnipeg. The review will identify opportunities for improvement of current systems, identify applications that can be consolidated and improve operating processes and procedures. Recommendations and project implementation will provide system improvements, increase economy, efficiency and effectiveness related to the recording and reporting of time and labour through centralization of this function.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Consolidated Data Warehouse / Business Intelligence**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3456000010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	795	925	-	169	203	218	1,515	2,310
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		795	925		169	203	218	1,515	2,310

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	795	925	-	169	203	218	-	2,310
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	795	925	-	169	203	218		2,310

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	211	464
SURPLUS/(DEFICIT)	-	(211)	(464)

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.

Included in this program is a project to build a single repository of data to enable the City's systems to link with the Provincial system for the sharing of common Business Identification Numbers. This starts the process of consolidating all business data in the city, resulting in cost-savings and efficiencies. The initiative to a common Business Identification Number satisfies the Red Tape Commission's recommendation number 6.1 - Standardized Business numbers.

Project Name: **E-Government**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3453000010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	310	617	629	705	603	2,864	2,864
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			310	617	629	705	603	2,864	2,864

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	310	617	629	705	603	-	2,864
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	310	617	629	705	603		2,864

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	10	95
SURPLUS/(DEFICIT)	-	(10)	(95)

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

E-Government supports projects that use information technology to support the provision of e-government services. It covers a broad spectrum of initiatives that typically fall into two main categories: 1. Providing better service to citizens (i.e. 24 X 7, self-service options); and 2. Providing services more efficiently and effectively, translates into productivity gains and reduced costs. These funds will be used to provide applications to improve the City's Internet site and to provide better and new electronic services to citizens. In addition, the funds will be used to purchase software to support the development of citizen self-service applications on the web. This software includes content management software, portal software, and single sign-on and authentication software.

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

Project Name: **Communications Network Infrastructure**

Department: Corporate Support Services
Capital Priority Rating: 2 - 4
Project: 3401000010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	553	638	643	277	641	566	2,765	3,318
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		553	638	643	277	641	566	2,765	3,318

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	553	638	643	277	641	566	-	3,318
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	553	638	643	277	641	566		3,318

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	18	154	317
SURPLUS/(DEFICIT)	(18)	(154)	(317)

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

Communications Network Infrastructure is the implementation and enhancement of the backbone network infrastructure which connects the decentralized computers in Civic Departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments with more management, control, flexibility, and ease of use at the department level. Information could be processed and stored on lower cost computers in or for departments and made accessible city-wide through the network infrastructure. The infrastructure would extend the availability of applications such as E-mail and internet to all departments.

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

Project Name: **Network Computing Initiatives**

Department: Corporate Support Services
Capital Priority Rating: 3 - 4
Project: 3402000010
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	209	211	213	213	212	212	1,061	1,270
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		209	211	213	213	212	212	1,061	1,270

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	209	211	213	213	212	212	-	1,270
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	209	211	213	213	212	212	-	1,270

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	57	111
SURPLUS/(DEFICIT)	(7)	(57)	(111)

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

Network Computing Initiatives are emerging multi-tiered infrastructure, internet/intranet servers and other similar network based computing technologies that are required to implement both corporate and departmental initiatives in support of shared quality customer information services. Specific initiatives include hardware, software, and physical facilities protecting the City's networks and key systems from single site disasters, security products to address the ever growing computer virus and "spam" outbreaks, and re-organization assistance to efficiently manage new environment paradigms.

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

Project Name: **PeopleSoft Upgrade**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3455000011
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	741	-	1,500	1,000	200	-	-	2,700	2,700
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,500	1,000	200			2,700	2,700

CASH FLOW	2010	2011 **	2012 **	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	1,500	1,000	200	-	-	-	2,700
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	1,500	1,000	200	-	-	-	2,700

NET OPERATING IMPACT	2010	2011 **	2012 **
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	49	393
SURPLUS/(DEFICIT)	-	(49)	(393)

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.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **311 Renewal**

Department: Corporate Support Services
Capital Priority Rating: 2 - 2
Project: 3457000014
Service: Organizational Services

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	300	646	729	1,675	1,675
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)					300	646	729	1,675	1,675

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	300	646	729	-	1,675
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	-	-	-	300	646	729		1,675

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	-
SURPLUS/(DEFICIT)	-	-	-

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

The City is committed to renewing its Call Center application investment every five years to take advantage of new functionality and remain current with supplier's support. The City is expected to significantly change the customer relationship management and telephone software applications in 2014 - 2015.

ASSESSMENT AND TAXATION - GENERAL CAPITAL FUND

Project Name: **Assessment Automation**

Department: Assessment & Taxation
Project: 1400000110
Capital Priority Rating: 3 - 3
Service: Assessment, Taxation and Corporate

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012**	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,000	-	500	-	-	1,000	1,500	2,500
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		1,000		500			1,000	1,500	2,500

CASH FLOW	2010	2011	2012**	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,000	-	500	-	-	1,000	-	2,500
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	1,000		500			1,000		2,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	265	270
SURPLUS/(DEFICIT)	-	(265)	(270)

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, and CAMA Commercial Component Enhancements. 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.

** Supported by class 3 estimate, see Appendix # 2.

OTHER PROJECTS - GENERAL CAPITAL FUND

Project Name: **Innovative Capital**

Department: Corporate
Project: 1200000610
Capital Priority Rating: 1 - 1
Service: Assessment, Taxation and Corporate

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250						-	250
General Purpose Reserve (Repay-ment)		(250)							(250)

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	-	-	-	-			250
General Purpose Reserve (Repayment)	(250)							(250)

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	66	68
SURPLUS/(DEFICIT)	-	(66)	(68)

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. Cash to Capital requirements include repayments to the General Purpose Reserve.

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

Project Name: **Capital Investment Fund**

Department: Corporate
Project: 1200000110
Capital Priority Rating: 3-2
Service: Assessment, Taxation and Corporate

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	2,081	6,400	2,000	2,120	3,250	15,851	15,851
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			2,081	6,400	2,000	2,120	3,250	15,851	15,851

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	2,081	6,400	2,000	2,120	3,250	50,000	65,851
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		2,081	6,400	2,000	2,120	3,250	50,000	65,851

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-		507
SURPLUS/(DEFICIT)	-	-	(507)

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

Capital funding to support various projects including those delivered under alternative delivery methods, including the design, build, finance, maintain approach. Transfers to existing approved capital projects including multi-year transfers, are to be authorized by the Standing Policy Committee on Finance.

* 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 Security Enhancements**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 1
Service: Public Transit

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	250	-	-	-	-	-	-	250
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		250	-	-				-	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	250	-	-					250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	7	-	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	35	35
SURPLUS/(DEFICIT)	7	(35)	(35)

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.

A three-year program was established to address important security priorities. Winnipeg Transit has accessed this program and has received a consultant's report to assess potential risks to Transit's infrastructure and operations and to develop measures to reduce these risks.

This project anticipates that high security risks identified by the study will require immediate attention.

Estimated useful life - variable depending on the project.

Project Name: **Fare Collection System**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 4
Service: Public Transit

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,000	7,870	2,370	-	-	-	-	2,370	10,240
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		5,370	4,870					4,870	10,240
Interim Financing		2,500	(2,500)					(2,500)	-

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	5,240	5,000	-	-	-	-	-	10,240
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	2,740	7,500						10,240
Interim Financing	2,500	(2,500)						-

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	157	148	-
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	249	967
SURPLUS/(DEFICIT)	157	(101)	(967)

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

The existing fare collection system is many decades old and limits flexibility in the type of fares that can be offered passengers. A review will be conducted to consider the best options suited for the City's public transit system. This capital project will authorize capital investments that may include:

- mechanizing the existing transfer dispensing system and acquiring replacement mechanical fareboxes. Among other benefits, this will provide more consistent application of the Power Hour transfer.
- smart card and proximity card will permit more extensive use of prepaid fares, accommodate more complex fare systems, provide more efficient processing and reporting of fares, and provide a better defense against potential counterfeiting of monthly and weekly passes. As the technology is still developing and the public continues to accept this as a means of paying for goods and services, this part of the project will commence after 2010.

Estimated useful life - Twenty years.

Project Name: **Innovative Transit Program**

Department: Transit
Project: 423000xxyy

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	800	800	800	1,000	1,000	1,000	4,600	5,400
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		800	800	800	1,000	1,000	1,000	4,600	5,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	800	800	1,000	1,000	1,000	-	5,400
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	800	800	800	1,000	1,000	1,000	-	5,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	24	24	24
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	111	228
SURPLUS/(DEFICIT)	24	(87)	(204)

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.

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

Project Name: **Transit Building Replacement / Refurbishment**

Department: Transit
Project: 420000xx07

Capital Priority Rating: 3 - 2
Service: Public Transit

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	5,880	7,293	9,722	10,824	11,850	4,771	44,460	50,340
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)			1,413	3,842	4,944	5,970		16,169	16,169
Federal Gas Tax		5,880	5,880	5,880	5,880	5,880	4,771	28,291	34,171

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	771	12,402	9,722	10,824	11,850	271	4,500	50,340
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		1,413	3,842	4,944	5,970		-	16,169
Federal Gas Tax	771	10,989	5,880	5,880	5,880	271	4,500	34,171

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	27	343	199
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	133
SURPLUS/(DEFICIT)	27	343	66

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.

Project Name: **Transit Buses**

Department: Transit
Project: 421000xxyy

Capital Priority Rating: 3 - 4
Service: Public Transit

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	13,112	18,000	14,500	16,585	16,900	18,547	84,532	97,644
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		2,296	82	421	5,279	5,594	6,132	17,508	19,804
Transit Bus Replacement Reserve		5,976	9,836	10,239	7,466	7,466	7,466	42,473	48,449
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
Federal Gas Tax							1,109	1,109	1,109
Public Transit Capital Trust/Bill C-66 Funding		1,000							1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	13,112	18,000	14,500	16,585	16,900	18,547	97,644
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)		2,296	82	421	5,279	5,594	6,132	19,804
Transit Bus Replacement Reserve		5,976	9,836	10,239	7,466	7,466	7,466	48,449
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
Federal Gas Tax							1,109	1,109
Public Transit Capital Trust/Bill C-66 Funding		1,000	-					1,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	-	146	119
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	-	217
SURPLUS/(DEFICIT)	-	146	(98)

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

This project is for the ongoing purchase of new low-floor urban transit buses and for the replacement of buses that have reached the end of their useful life.

Estimated useful life - 18 years

Note: Any surplus funds will automatically be transferred to the following year's Transit Buses program budget.

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

Project Name: **Stormwater Retention Basin Rehabilitation**

Department: Water and Waste
Project: 2075000109

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,822	-	200	-	400	-	400	1,000	1,000
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		-	200	-	400	-	400	1,000	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	200	-	400	-	400	-	1,000
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	-	200	-	400	-	400		1,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	-	7	19
SURPLUS/(DEFICIT)	-	(7)	(19)

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

This is an annual program of carrying out repairs or improvements to shorelines and facilities of existing stormwater retention basins including, but not limited to, rock revetment, gate chambers, fountains, and maintenance equipment launching ramps. Rehabilitation and/or upgrading of the retention basins will reduce annual maintenance problems and improve safety.

There are currently 72 stormwater retention basins under the City's jurisdiction. At the current level of funding and depending on the level of work required, 2 to 4 basins are rehabilitated every two years. As the basins age, they will require a higher level of maintenance, and thus future funding levels and prioritization of work will have to be reviewed in order to continue this program of asset preservation.

The expected life of this asset is 10 years.

Project Name: **Flood Pumping Station Rehabilitation**

Department: Water and Waste
Project: 2076500109
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	7,694	1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		1,000	1,000	1,000	1,000	1,000	1,000	5,000	6,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,000	1,000	1,000	1,000	1,000	1,000	-	6,000
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	1,000	1,000	1,000	1,000	1,000	1,000		6,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	33	128	225
SURPLUS/(DEFICIT)	(33)	(128)	(225)

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 $22.7 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 include changes to: ventilation, electrical, mechanical, structural, and architectural components. All stations will be upgraded for remote monitoring which is critical during flood and rainfall events.

Formerly, under the 1990 "Clean and Beautiful Winnipeg" initiative, several flood pumping stations had been identified for aesthetic improvements.

The expected life of this asset is 50 years.

Project Name: **Land Drainage and Combined Sewers Outfall Gate Structures**

Department: Water and Waste
Project: 2078500209
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	10,700	1,450	1,450	1,500	1,500	1,500	1,500	7,450	8,900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		1,450	1,450	1,500	1,500	1,500	1,500	7,450	8,900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,450	1,450	1,500	1,500	1,500	1,500	-	8,900
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	1,450	1,450	1,500	1,500	1,500	1,500		8,900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	47	185	329
SURPLUS/(DEFICIT)	(47)	(185)	(329)

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

This is a project to install flap gates and positive sliding gates within concrete gate structures on outfall sewers where these facilities do not currently exist or the existing facilities are inadequate or substandard. Under high river level (flood) conditions, the river water backs up into the land drainage and combined sewer systems. In some low lying areas there is a potential for river water to inundate roadways and adjacent properties. The presence of river water in the sewer also greatly reduces the capacity of the system to carry away rainfall and snow melt runoff. The gate structures will prevent the entry of river water into the land drainage and combined sewer systems. Subsequent to the 1997 flood event, 70 outfall locations were identified as requiring gates. To date 34 locations have been addressed, leaving 36 locations yet to be completed.

The expected life of this asset is 50 years.

Project Name: **Floodplain Management**

Department: Water and Waste
Project: 2070000409
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	500	100	200	-	100	-	400	900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		500	100	200		100		400	900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	500	100	200	-	100	-	-	900
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	500	100	200		100			900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	16	51	64
SURPLUS/(DEFICIT)	(16)	(51)	(64)

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

This project will investigate and implement programs, policies and legislation to:

1) Protect and ensure permanency of current and future secondary dike installation;
2) Prevent construction of new structures interfering with secondary dikes and within unprotected areas subjected to frequent high river levels;
3) Purchase and remove existing structures from the floodplain and
4) Investigate a process and develop guidelines to control or prevent improvements/re-developments at unprotected private properties with potential acquisition of such high risk properties starting in 2007.

In April 2007, Council approved a program to raise the level of flood protection for low-lying properties below 20 ft James Avenue where it could be demonstrated the cost of providing sandbags exceeded the cost of a permanent flood works. In this program, the level of flood protection would be raised to 22.5 ft James Avenue and thereby avoid the need to sandbag for most floods. If all eligible properties participate, the cost of this program could be $880,000 and the City could avoid the sandbagging cost of approximately $2,000,000.

The implementation of such programs could take place over a minimum of 5 to 10 years at a cost of $10 million.

Project Name: **Seine River Waterway Acquisition**

Department: Water and Waste
Project: 2080000108

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	899	150	150	150	150	150	150	750	900
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		150	150	150	150	150	150	750	900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	150	150	150	150	150	150	-	900
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	150	150	150	150	150	150		900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	34
SURPLUS/(DEFICIT)	-	(19)	(34)

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

The purchase of Seine River Waterway lands is a Council adopted policy to provide long term economical regional drainage and to manage the floodplain. The floodplain lands were originally delineated in 1980 and are required to accommodate flow along the Seine River from a 100-year summer storm. They are typically purchased at the time of subdivision, made possible from funds collected through the Seine River Waterway Charge applied to all subdivision and rezoning applications within the Seine River watershed within City limits. Development of lands adjacent to the Seine River will occur faster than the development of lands further from the Seine River. Therefore, the funding required to purchase floodplain lands will exceed the funding collected from the Waterway Charge.

Project Name: **Primary Dike Upgrading**

Department: Water and Waste
Project: 2070001407
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,165	300	-	490	500	948	900	2,838	3,138
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		300	-	490	500	948	900	2,838	3,138

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	490	500	948	900	-	3,138
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	300	-	490	500	948	900		3,138

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		29	46
SURPLUS/(DEFICIT)	-	(29)	(46)

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. 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 $400 million (2009 dollars) and represents the cost for raises to the primary dikes and associated bank stability improvements. The recently released Clean Environment Commission (CEC) report on the Floodway Expansion made a "non-licensing" recommendation that the City complete permanent raising of their primary dikes by 2015 and that all levels of government work cooperatively on the financing of these improvements.

Until permanent works are completed, the City will rely on temporary raises to its primary dikes on an as-required basis.

Project Name: **Land Drainage Safety Upgrading Program**

Department: Water and Waste
Project: 2070001309
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	440	200	-	100	-	100	-	200	400
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		200	-	100	-	100		200	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	-	100	-	100	-	-	400
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	200	-	100	-	100			400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		19	23
SURPLUS/(DEFICIT)	-	(19)	(23)

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

The purpose of this program is to reconstruct or upgrade miscellaneous components of the existing land drainage system to conform with the City of Winnipeg Drainage Safety Guidelines. Specific projects have been identified and prioritized as part of the Open Channel Drainage Inventory and Safety Review Study.

The expected life of the assets is 75 years.

Project Name: **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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	150	-	200	-	-	-	-	200	200
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			200					200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	200	-	-	-	-	-	200
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		200						200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			19
SURPLUS/(DEFICIT)	-	-	(19)

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

Asset management principles are being utilized for various sections in the Water and Waste Department. An asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the land drainage service. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

Project Name: **Land Drainage Utility Study and Implementation**

Department: Water and Waste
Project: 2070000109
Capital Priority Rating: 3 - 3
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	-	-	-	-	500	500
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)			500					500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)		500						500

NET OPERATING IMPACT	2010	2011	2012
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*

The funding is required to study the feasibility of implementing a new Land Drainage Utility. The capital budget established in 2006 has been canceled and re-budgeted for 2011.

Project Name: **Permanent Flood Pumping Stations**

Department: Water and Waste
Project: 2070yyyyxx

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	250	-	-	-	250	450
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		200		250				250	450

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	-	250	-	-	-	-	450
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	200		250					450

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	7	19	28
SURPLUS/(DEFICIT)	(7)	(19)	(28)

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

During high water events, the City places temporary pumps to dewater the sewer system during rainfall/snowmelt events. These temporary pumps require continuous monitoring during a high water event.

This program will involve replacing some of the temporary pump locations that need to be placed every year with permanent submersible pumps. Costs include modifications to site, pumps and cost of providing appropriate power at site.

The expected life of the assets is 50 years.

Project Name: **Combined Sewer Flood Relief**

Department: Water and Waste
Project: 2071000109

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

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	7,200	7,200	7,200	7,200	7,200	7,200	36,000	43,200
Financed by:									
Frontage Levy		800	-	-	-	-	-	-	800
Sewer System Rehabilitation Reserve		6,400	7,200	7,200	7,200	7,200	7,200	36,000	42,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	7,200	7,200	7,200	7,200	7,200	7,200	-	43,200
Financed by:								
Frontage Levy	800	-	-	-	-	-		800
Sewer System Rehabilitation Reserve	6,400	7,200	7,200	7,200	7,200	7,200		42,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

This program, which was approved by Council on October 21, 1987, provides for basement flood relief to combined sewered areas. Funds will be used for the planning, design, and construction of sewer relief works. Also, a portion of the funds will be used for sewer flow and meteorological monitoring in advance of design as well as public communication and education on basement flood protection.

There are 42 combined sewer districts in Winnipeg. Currently, 28 combined sewer districts have been relieved. At present, 2 combined sewer districts are being relieved, another 2 are being considered for partial separation and an additional district will be studied for future 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 $246M and at current funding rates will require over 20 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 reduced flood damages.

The expected life of this asset is over 50 years.

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

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

Department: Water and Waste
Project: 2072000109
Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	300	300	300	300	300	300	1,500	1,800
Financed by:									
Frontage Levy		300						-	300
Sewer System Rehabilitation Reserve			300	300	300	300	300	1,500	1,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	300	300	300	300	300	-	1,800
Financed by:								
Frontage Levy	300	-	-	-	-	-		300
Sewer System Rehabilitation Reserve	-	300	300	300	300	300		1,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Basement flooding has become an issue in some separate sewered areas as in combined sewered areas. A parallel relief sewer program in separate areas is necessary. Prior to any works proceeding, a planning study will be undertaken to identify City-wide priorities, as well as allow for sewer flow and meteorological monitoring in advance of a conceptual and detailed design.

The expected life of this asset is over 50 years.

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

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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	-	500	500	500	-	500	2,000	2,000
Financed by:									
Developer Capacity Charges		-	500	500	500		500	2,000	2,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	500	500	500	-	500	-	2,000
Financed by:								
Developer Capacity Charges	-	500	500	500		500		2,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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:

2011 DASZ 30/05 - Bridgewood Estates Inc./Perfanick	500,000
2012 DASZ 3/93 - Genstar/Amber Trails	500,000
2013 DASZ 1/06 - MHRC/Waverley West	500,000
2015 DASZ 14/94 - Genstar/Prairie Crossing	500,000

The expected life of this asset is over 50 years.

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

Project Name: **Fernbank Avenue Land Drainage Sewer**

Department: Water and Waste
Project: 2082xxxxyy

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

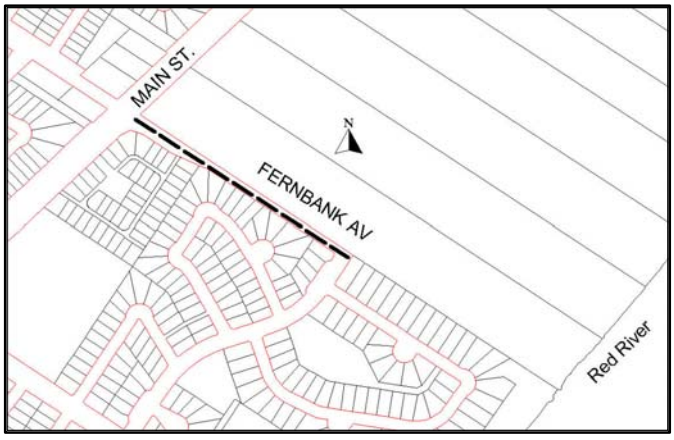
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	875	-	-	875	875
Financed by:									
Developer Capacity Charges			-		875			875	875

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	875	-	-	-	875
Financed by:								
Developer Capacity Charges		-		875				875

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

This project includes construction of a 1,350 mm diameter land drainage sewer on Fernbank Avenue from approximately 65 metres west of Main Street to Rivergrove Drive. The sewer will provide a permanent outlet for the Riverbend Subdivision retention basin and an outlet for the undeveloped lands west of the CPR Winnipeg Beach Subdivision rail line. These lands include the Public Works Department's snow dump site north of Fernbank Avenue. The expected life of this asset is 75 years.



Project Name: **Outfall Rehabilitation**

Department: Water and Waste
Project: 2078000106
Capital Priority Rating: 3 - 4
Service: Land Drainage and Flood Control

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,698	600	1,550	1,750	2,000	1,200	1,200	7,700	8,300
Financed by:									
Cash to Capital (Equity In Capital Assets Fund)		600	1,550	1,750	2,000	1,200	1,200	7,700	8,300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	600	1,550	1,750	2,000	1,200	1,200	-	8,300
Financed by:								
Cash to Capital (Equity In Capital Assets Fund)	600	1,550	1,750	2,000	1,200	1,200		8,300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase	20	107	266
SURPLUS/(DEFICIT)	(20)	(107)	(266)

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

Funding is for rehabilitation of sewer outfalls, repair to piping, and correction of riverbank instability. A condition assessment was completed in 1998 to provide a prioritization of repairs for outfalls throughout the City. Outfall repairs will focus on the outfalls that require most immediate attention, some of which experienced damage from the high river elevations and ice flows experienced during the 1996 and 1997 floods. Originally 55 high-priority sites were identified requiring attention. Since then, 5 more sites have been added for a total of 60 sites. To date 29 locations have been refurbished, with 31 sites remaining.

The expected life of this asset is 50 years.

Project Name: **Saskatchewan Avenue Feedermain**

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

Capital Priority Rating: 5 - 3
Service: Water

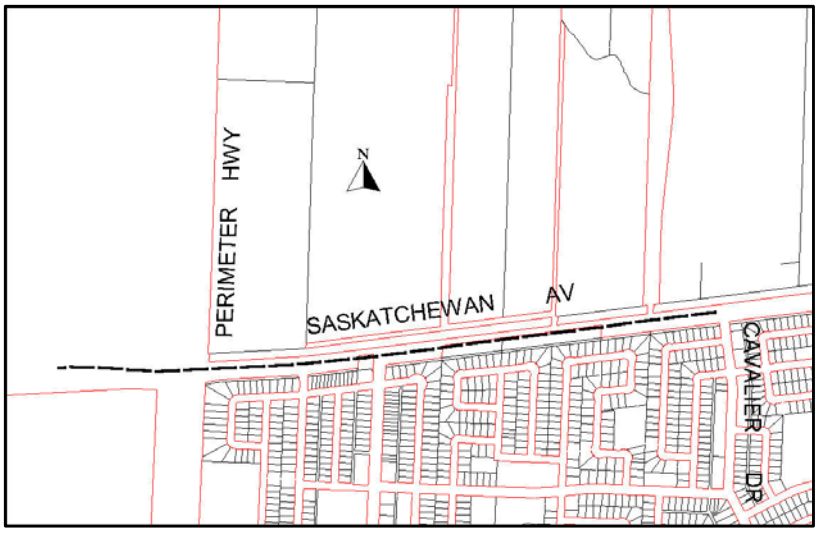
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	3,400	-	-	3,400	3,400
Financed by:									
Retained Earnings					3,400			3,400	3,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	3,400	-	-	-	3,400
Financed by:								
Retained Earnings				3,400				3,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Urban development of the lands within the City and west of the Perimeter Highway (PTH 101) will require an extension of the water distribution system to provide a looped supply. The funds included are to provide for a watermain between Cavalier Drive and a point 500 metres west of PTH 101 on Saskatchewan Avenue. It is expected that watermains required within the development lands to complete the loop will be oversized by developers. The expected life of this asset is over 50 years.



Project Name: **Water Supervisory Control and Data Acquisition (SCADA) Upgrade**

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

Project: 20050002yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,800	2,900	-	-	-	4,700	4,700
Financed by:									
Retained Earnings			1,800	2,900				4,700	4,700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	1,800	2,900	-	-	-	-	4,700
Financed by:								
Retained Earnings		1,800	2,900					4,700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The Supervisory Control and Data Acquisition (SCADA) system controls and monitors the operation of the Drinking Water Treatment Plant and the Regional Water Supply and Distribution System. The automated control system is comprised of specialized computer hardware and software, remote communications, instrumentation, and Programmable Logic Controls (PLC). A SCADA system assessment and upgrading are required to ensure timely replacement of dated hardware and software. The SCADA system is essential for the supply, water treatment process control and distribution of drinking water.

The PLCs currently in use at the three regional pumping stations (McPhillips, MacLean, and Hurst), Tache and Deacon Booster Pumping Stations, and Shoal Lake Intake were installed in 1992 and will no longer be serviced or supported by the manufacturer as of December 31, 2011. Upgrading the water supply system's PLCs at this time will allow for the review of the control software to optimize the operation of the system.

The expected life of this asset is 10 years but will depend on the technical advancement in the process automation field.

Project Name: **Shoal Lake Aqueduct Intake Facility Assessment and Rehabilitation**

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

Project: 2003xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	1,700	-	-	-	-	-	-	1,700
Financed by:									
Retained Earnings		1,700						-	1,700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	700	1,000	-	-	-	-	-	1,700
Financed by:								
Retained Earnings	700	1,000						1,700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Shoal Lake Aqueduct Intake Condition Assessment project and the Shoal Lake Intake Maintenance/Communication Facility Rehabilitation project have been combined into one project called Shoal Lake Aqueduct Intake Facility Assessment and Rehabilitation. It is expected that the construction/rehabilitation work at the intake Facility will be combined with work required at the Shoal Lake Intake Maintenance/Communication Facility. 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 funding for the Shoal Lake Intake Maintenance/Communication Facility Rehabilitation has been removed from its stand alone project and added to this combined project.

The expected life of this rehabilitated asset is 50 years.

Project Name: **Shoal Lake Intake Chloramination Facility**

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

Project: 20020005yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	-	-	2,000	-	-	-	2,000	2,000
Financed by:									
Retained Earnings				2,000				2,000	2,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	2,000	-	-	-	-	2,000
Financed by:								
Retained Earnings300			2,000					2,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The first phase of the project will be a study to review alternate forms of treatment and/or disinfection for the Shoal Lake Aqueduct and distribution system to meet the operational, public health, and safety goals. Presently, chlorine is used at the intake for disinfection, slime control in the aqueduct and zebra mussel control. This results in high levels of disinfection by-products being formed. The water treatment plant must be constructed and operational prior to replacing the strong disinfection advantages of chlorine. The Water Treatment Project Risk Management process identified viable alternatives to gas chlorine to reduce risk. Given the consequences associated with security, transportation, and containment of gas chlorine, an alternative form of chlorination will be investigated.

The expected life of this asset is 25 years.

Project Name: **General Water Infrastructure Rehabilitation**

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

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	300	300	300	500	500	1,900	1,900
Financed by:									
Retained Earnings		-	300	300	300	500	500	1,900	1,900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	300	300	300	500	500	-	1,900
Financed by:								
Retained Earnings	-	300	300	300	500	500		1,900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Many components in the water supply and distribution systems have been in service for many years and are reaching the end of their functional lives. These components are critical elements of the infrastructure and their failure would result in disruption of service and costly emergency repairs. This project will address the need to rehabilitate the water supply and distribution systems, in order to maintain the water system reliability and conformance with current building codes and health regulations. This will be an on-going project with additional funding being included in future years.

The scope of work will be varied and will be prioritized based on the urgency and cost effectiveness identified through condition assessment studies, available rehabilitation techniques, and research into innovative rehabilitation measures. Infrastructure to be assessed and rehabilitated under this project includes, but is not limited to, reservoirs, pumping stations, feedermains, valves, electrical and mechanical systems, control systems, chemical systems, related building structures, and security.

Life expectancy will vary with each asset, however, a range of 10 to 50 years is expected.

Project Name: **Waverley West Feedermain**

Department: Water and Waste - Waterworks System
Project: 20040001yy

Capital Priority Rating: 5 - 3
Service: Water

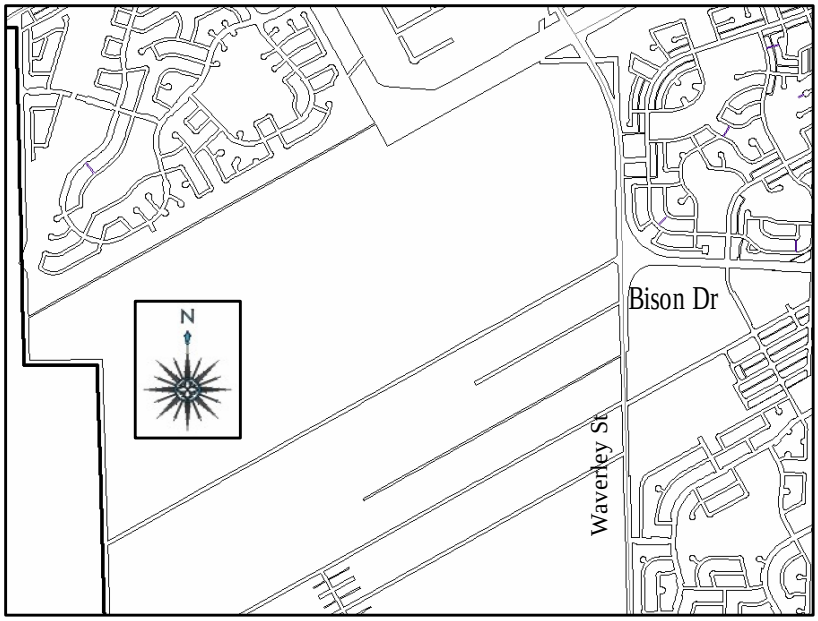
AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,400	-	-	7,000	-	-	-	7,000	7,000
Financed by:									
Retained Earnings				7,000				7,000	7,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	7,000	-	-	-	-	7,000
Financed by:								
Retained Earnings			7,000					7,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.



Project Name: **Feedermain Condition Assessment and Rehabilitation**

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

Project: 2004xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	-	-	500	500	1,000	1,000	3,000	3,000
Financed by:									
Retained Earnings				500	500	1,000	1,000	3,000	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	500	500	1,000	1,000	-	3,000
Financed by:								
Retained Earnings			500	500	1,000	1,000		3,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The feedermains are specialized pipes which are unique in size, materials, construction techniques, and failure. The majority of feedermains were installed in the 1960's and require inspection, testing, and maintenance to preserve the asset. Future funds will be identified as part of the first phase of this project.

The expected life of this asset is 50 years.

Project Name: **Water Utility Asset Management Strategy**

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

Project: 20010006yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	-	200	-	-	-	-	200	200
Financed by:									
Retained Earnings		-	200					200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	200	-	-	-	-	-	200
Financed by:								
Retained Earnings	-	200						200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Asset management principles are being utilized for various projects in the water utility. However, development of an asset management strategy is required to define goals, objectives, and strategies for the development and maintenance of a consistent and effective asset management program involving all functions of the water utility. The asset management strategy will identify, prioritize, and establish the future direction of condition assessments, establish deterioration/life cycles for components, and recommend rehabilitation, maintenance, and associated financial requirements.

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

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

Project: 20040006yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,188	-	750	750	750	750	750	3,750	3,750
Financed by:									
Retained Earnings		-	750	750	750	750	750	3,750	3,750

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	750	750	750	750	750	-	3,750
Financed by:								
Retained Earnings	-	750	750	750	750	750		3,750

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The water supply valves are critical elements used to control the distribution of water from the source through the feedermain pipes. The scope of the work will vary with site-specific conditions. This program will include installation of valves at new locations to improve service reliability and reduce environmental risk. The program will also include replacement of valves, operators, Supervisory Control and Data Acquisition (SCADA) control equipment, related pipe connections, valve chambers, structural assessments, and restoration works. This is an ongoing program with additional funding being included in future years.

Life expectancy will vary between 20 and 50 years.

Project Name: **Hurst Pumping Station Building - Structural Repairs**

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

Project: 20050007yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	900	-	-	-	-	900	1,100
Financed by:									
Retained Earnings		200	900					900	1,100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	900	-	-	-	-	-	1,100
Financed by:								
Retained Earnings	200	900						1,100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 capital budget established in 2006 has been canceled and re-budgeted for 2010.

The expected life of the asset is 50 years.

Project Name: **Chlorination Decommission at Regional Pump Stations**

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

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	115	-	-	-	115	115
Financed by:									
Retained Earnings		-		115				115	115

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	115	-	-	-	-	115
Financed by:								
Retained Earnings	-		115					115

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The existing chlorine disinfection facilities within the three Regional Pumping facilities may be decommissioned once the new drinking water treatment plant has been successfully commissioned. The proposed works at McPhillips, Hurst, and MacLean pump stations may include the removal of gas chlorine and the decommissioning of the related chlorination systems.

Project Name: **Safety Upgrades - Isolation Valves at Valve and Meter Pits**

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

Project: 20010014yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	300	-	-	-	-	-	-	300
Financed by:									
Retained Earnings		300						-	300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	-	-	-	-	-	300
Financed by:								
Retained Earnings	300							300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

There are numerous underground valve and meter pits that must be accessed under confined entry procedures, to maintain the valves and meters. Recent changes to these safe work practices require that water pressure be turned off outside those pits. In order to reduce water service disruptions to customers included in the shutdown areas, additional valves and bypasses are required outside the pits.

The expected life of these assets is 50 years.

Project Name: **Deacon Chemical Feed Facility Upgrading**

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

Project: 2002xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	1,000	-	-	-	-	1,000	1,400
Financed by:									
Retained Earnings		400	1,000					1,000	1,400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	1,000	-	-	-	-	-	1,400
Financed by:								
Retained Earnings	400	1,000						1,400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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. Prior to upgrading the orthophosphate treatment equipment, an engineering study will be performed to review the need for orthophosphate and alternate chemicals to orthophosphate taking into the enhanced water quality from the new drinking water treatment plant. Given the corrosive nature of such chemicals, the chemical pumps, piping, and related monitoring and control equipment will require upgrading and replacement by 2011.

The expected life of this asset is 20 years.

Project Name: **Regional Pumping Stations Structural Upgrades**

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

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	-	-	-	-	500	500
Financed by:									
Retained Earnings			500					500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Retained Earnings		500						500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The McPhillips, Hurst, and MacLean pumping stations provide the final pumping to deliver water to the Water Utility customers. The pump stations were constructed in the early 1960's. It is anticipated that the building structures will require upgrading to ensure the uninterrupted operation of these pumping facilities. A preliminary assessment will be conducted in 2011 with future funding requirements to be identified in the report.

The expected life of these assets is 50 years.

Project Name: **Wilkes Reservoir "B" Pit Upgrades/Rehabilitation**

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

Project: 2011xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	600	-	-	-	-	600	600
Financed by:									
Retained Earnings			600					600	600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	600	-	-	-	-	-	600
Financed by:								
Retained Earnings		600						600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 project name has changed from Safety Upgrades - Wilkes Reservoir "B" Pit to Wilkes Reservoir "B" Pit Upgrades/Rehabilitation to align with the scope of work required.

The expected life of this asset is 50 years.

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

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

Project: 20010009yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	222	-	125	125	125	-	125	500	500
Financed by:									
Retained Earnings		-	125	125	125		125	500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	125	125	125	-	125	-	500
Financed by:								
Retained Earnings	-	125	125	125		125		500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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, labeling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. A separate budget is set up for the ACM Operations and Maintenance Program in the Sewage Disposal System Fund.

Project Name: **Branch I Aqueduct at Seine River - Riverbank Stabilization**

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

Project: 2003xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	400	1,000	-	-	-	-	-	-	1,000
Financed by:									
Retained Earnings		1,000						-	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,000	-	-	-	-	-	-	1,000
Financed by:								
Retained Earnings	1,000							1,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

A comprehensive condition assessment of the Branch I Aqueduct reach of the Shoal Lake Aqueduct (Deacon Reservoir to the McPhillips Pumping Station and Reservoir) was undertaken for its entire length from 1994 to 1996. A program to assess the stability of the riverbanks adjacent to the Branch I Aqueduct where it crosses the Seine River commenced in early 1997. Downslope movement of the east riverbank has been recorded since that time and internal structural inspections of the Aqueduct has not revealed any distress of the pipe as yet. The recent trend of accelerated riverbank movement continues and the Aqueduct will inevitably be impacted along the east riverbank. Funding is for engineering and construction of riverbank stabilization works to be undertaken before the Aqueduct is impacted.

The expected life of this asset is 50 years.

Project Name: **Regional Pumping Stations Reliability Upgrades**

Department: Water and Waste - Waterworks System
Project: 2005xxxxyy
Capital Priority Rating: 5 - 4
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,000	1,000	1,000	1,000	-	4,000	4,000
Financed by:									
Retained Earnings			1,000	1,000	1,000	1,000		4,000	4,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	1,000	1,000	1,000	1,000	-	-	4,000
Financed by:								
Retained Earnings		1,000	1,000	1,000	1,000			4,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The electrical power supply is the primary source of energy to drive the pumps in the drinking water pump stations. Electrical power disruptions have caused the electric pumps to shut down, for protection purposes, which results in reduced water service. A Water Pumping Station Power Reliability Study is currently ongoing and will review and prioritize electrical and control improvements to reduce the effects of electrical power disruptions. A final assessment report was completed and identified a number of required improvements which will be completed in phases according to priority.

The expected life of this asset is 20 years.

Project Name: **Waterworks System Security Upgrades**

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

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,200	500	500	500	500	500	500	2,500	3,000
Financed by:									
Retained Earnings		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The waterworks system is made up of complex infrastructure that delivers water from Shoal Lake to Winnipeg homes and businesses. Operating the waterworks system is subject to legislation including the Drinking Water Safety Act, Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act, and Environment Act. Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to drinking water quality and public health. Funding is required for increased security measures to adequately protect the waterworks system.

Project Name: **Regulatory Assessment of Water System Infrastructure and Water Supply Sources**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 5 - 2
Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	750	-	-	-	-	910	-	910	910
Financed by:									
Retained Earnings						910		910	910

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	910	-	-	910
Financed by:								
Retained Earnings					910			910

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 first assessment report must be completed by an independent professional engineer and submitted in 2010.

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

Project Name: **Customer Information and Services System (CISS) Project - Phase 2**

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

Project: 20100002yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	512	1,025	-	-	-	-	-	-	1,025
Financed by:									
Retained Earnings		1,025						-	1,025

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,025	-	-	-	-	-	-	1,025
Financed by:								
Retained Earnings	1,025							1,025

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 (CCB) system. Some components of this phase will include web self-service, CCB cashiering, meter management and inventory control, enhanced reporting, and work order management interface.

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.

** Supported by class 3 estimate see Appendix # 2.

Project Name: **Cost of Service Rates Study**

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

Project: 20010020yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Safety Upgrades - Regional Reservoir Access**

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

Project: 20010014yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	700	-	-	-	-	-	-	700
Financed by:									
Retained Earnings		700						-	700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	350	350	-	-	-	-	-	700
Financed by:								
Retained Earnings	350	350						700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 directly related to the safe entry into the McPhillips, Wilkes and MacLean reservoirs. Structural modifications are required for the installation of access/ladders to comply with current safety regulations. The capital budget established in 2006 has been canceled and re-budgeted for 2010.

The expected life of the asset is 50 years.

Project Name: **Synergen/GIS Interface**

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

Project: 2010xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Synergen/GIS (Geographic Information System) Interface links the Water and Waste Department “in ground” assets data (Water and Sewer pipes, valves, gates, etc.) to the department’s Computerized Work Management system. This will provide the automatic recording of work and costs against all in ground assets; provides up to date information on the operational status of all assets (valve closures); automatically records repair status of assets so that future condition assessment and asset renewal decisions can be made with greater accuracy.

The benefits include improved customer service and reduced operating risk because of the real time information on water valve and sewer gate status; increased staff efficiency in recording work against assets, improved decision making in knowing asset status and condition which will provide for lower costs in asset management and renewal.

The Capital Budgets previously established for the Computerized Work Management System (CMWS) have been closed and CWMS work will continue as Synergen/GIS Interface for 2010.

Project Name: **552 Plinguet - Water Services Building Roof Rehabilitation**

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

Project: 20010010yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	-	-	-	-	-	-	300
Financed by:									
Retained Earnings		300						-	300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	300	-	-	-	-	-	-	300
Financed by:								
Retained Earnings	300							300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Services building at 552 Plinguet requires re-roofing of the Water Section garage because the existing roofing has exceeded its functional life and is in need of frequent repair and servicing. Computer and training related equipment are housed in the Water Section Garage as it is used also as a training facility. The Capital Budgets previously established in 2006 for Water Services Building Upgrades / Repairs at 552 Plinguet has been cancelled and re-budgeted as 552 Plinguet - Water Services Building Roof Rehabilitation for 2010.

The expected life of this asset is 20 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Aqueduct Bridging Structure at Deacon**

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

Project: 2003xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	600	-	-	-	-	600	700
Financed by:									
Retained Earnings		100	600					600	700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	600	-	-	-	-	-	700
Financed by:								
Retained Earnings	100	600						700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Greater Winnipeg Water District (GWWD) rail line crosses the Shoal Lake Aqueduct at the Deacon Reservoir site. A buried timber bridging structure was constructed, as part of the original construction work, to protect the aqueduct from the rail traffic loading. An engineering assessment of the bridging structure and aqueduct have been performed and recommended that the bridging structure be replaced as the current structure has failed and no longer offers the required protection to the aqueduct.

The expected life of this asset is 50 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Civil Maintenance Shop and Storage Building at Deacon**

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

Project: 2002xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

New water and wastewater facilities recently constructed, under construction and/or to be constructed require maintenance. This results in increased requirements for maintenance shop and storage. In order to support the increased maintenance requirements at the new water treatment plant, a maintenance facility is proposed. Existing staff and equipment that currently support other water supply facilities will also move to this location to take advantage of shared resources. This will also create additional capacity at the current location, which will be used by additional Civil maintenance needs required for new wastewater facilities.

The expected life of this asset is 50 years.

Project Name: **Deacon Reservoir Box Culvert Rehabilitation and Embankment Repairs**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 3 - 2
Project: 2011xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	800	1,200	-	-	-	-	1,200	2,000
Financed by:									
Retained Earnings		800	1,200					1,200	2,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	800	1,200	-	-	-	-	-	2,000
Financed by:								
Retained Earnings	800	1,200						2,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Reservoir is made of four large uncovered cells constructed from clay material. The reservoir has the capacity to supply the City of Winnipeg with water for 28 days when the aqueduct is taken out of service for inspection and repairs. The clay embankments rises approximately 5 m above the natural elevation. A number of localized failures have developed on the embankments from moisture accumulation, freezing and thawing. Repairs will include the excavation, recompaction of the clay and regrading of the embankment crown with suitable material.

There are two box culvert pipes that cross under PTH 207 which convey water from Cell 2 into Cell 1. The box culverts joints have a history of leaking and a number of joint repair methods have been undertaken with minimal success. The joint leakage is a safety issue as the water will flood the ditches and roadway during the winter conditions. Both box culvert pipes will be repaired by installing a structural liner.

The expected life of this asset is 50 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Deacon Booster Pumping Station Suction Header Divider Valve**

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

Project: 2011xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	1,200	-	-	-	-	1,200	1,300
Financed by:									
Retained Earnings		100	1,200					1,200	1,300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	1,200	-	-	-	-	-	1,300
Financed by:								
Retained Earnings	100	1,200						1,300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The Deacon Booster Pumping Station suction header pipe has been identified as a single point of potential failure for the supply of treated water to the City. The work will include the installation of a valve in the mid point on the suction header to effectively divide the suction header. This will permit a continuous supply of water to the City in the event a leak occurs on this suction header.

The expected life of this asset is 50 years.

Project Name: **GIS Database Upgrades and Continuous Development**

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

Project: 2010xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	-	-	-	-	-	-	100
Financed by:									
Retained Earnings		100						-	100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Retained Earnings	100							100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Funding is for development of a long term strategic plan to guide the future development of the Department's Geographic Information System.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Foundation Drainage Improvements for Deacon Booster Pumping Station**

Department: Water and Waste - Waterworks System
Capital Priority Rating: 3 - 2
Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	250	-	-	-	-	250	250
Financed by:									
Retained Earnings			250					250	250

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	250	-	-	-	-	-	250
Financed by:								
Retained Earnings		250						250

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 a risk management assessment, the Deacon Booster Pumping Station foundation drainage system was identified as high risk due to internal flooding from excessive foundation water. The pump floor is approximately 9 meters below grade. With the construction of the new water treatment plant, the Deacon Booster Pumping Station must be operated continuously to deliver drinking water to the City of Winnipeg. The foundation drainage improvement and potential automation of valves to control the flow of water will reduce the risk of flooding the electrical pumps.

The expected life of this asset is over 50 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Water Works By-law 504/73 Revision**

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

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	175	-	-	-	-	175	175
Financed by:									
Retained Earnings			175					175	175

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	175	-	-	-	-	-	175
Financed by:								
Retained Earnings		175						175

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Works By-law No. 504/73 relates to the Water Works Utility, the fixing of water rates and the billing and collection thereof. This by-law was originally passed by Council November 7, 1973. Each year amendments are passed to reflect the new water and sewer rates. The structure and language in the by-law has become dated. Amendments have occurred to clarify terms, liability or cross connection control provisions based on the original by-law structure. The Water Works By-law will be written taking into account a review of the by-laws in other jurisdictions, plain language format and better alignment with current operation policies.

The expected life of this asset is 25 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Deacon Site Flood Protection**

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

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	500	-	-	-	500	500
Financed by:									
Retained Earnings				500				500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	300	200	-	-	-	500
Financed by:								
Retained Earnings			300	200				500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 site ditch drainage system has experienced overland flooding in the past due to high water levels in the drain discharging into the floodway during the 1997 flood. With the expanded floodway and the increased water levels additional flood protection measures must be installed to protect the new Water Treatment Plant and related onsite buildings.

The expected life of this asset is over 50 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Tache Booster Pumping Station**

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

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	5,300	-	-	5,300	5,300
Financed by:									
Retained Earnings					5,300			5,300	5,300

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	1,300	2,000	2,000	-	5,300
Financed by:								
Retained Earnings				1,300	2,000	2,000		5,300

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The Tache Booster Pumping Station on the Branch 1 Aqueduct was constructed in 1950 in order to develop the full capacity of the aqueduct. A study identified a number of required upgrading to the pumping station and the aqueduct surge tower adjacent to the station. The work includes replacing the pump motors, upgrading the station electrical, heating and ventilation systems, upgrading the foundation and roof structures, and a reconfiguration of the valving and piping between the pumping station and the surge tower. Also, aesthetic, fencing and landscaping upgrades to the site and facilities will be undertaken to coincide and assimilate with the proposed residential redevelopment of the surround area.

The capital budget established in 2006 has been cancelled and re-budgeted for 2013.

The expected life of this rehabilitation asset is 50 years.

Project Name: **Water Treatment Research and Process Optimization Facility**

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

Project: 2005xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	750	-	750	750
Financed by:									
Retained Earnings						750		750	750

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	750	-	-	750
Financed by:								
Retained Earnings					750			750

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 treatment research and process optimization facility will be constructed to facilitate ongoing water treatment research and optimization of the existing water treatment process. This will be a small scale model replicating the water treatment process.

As new chemicals become available or existing chemicals become unavailable or existing chemical prices rise such that they become cost prohibitive; alternative chemicals can be pilot tested in this facility to ensure the water quality will meet the regulatory licence requirements. In the future as drinking water quality regulations become more stringent new water treatment processes can be studied and validated on the water supply prior to committing to a large capital expansion to the water treatment plant. Other benefits are: filter media and absorption evaluations, operator training and education, and testing of emerging treatment technologies that become cost effective. The water treatment plant has space dedicated for this facility.

The expected life of this asset is 25 years.

Project Name: **Branch Aqueduct Condition Assessment and Rehabilitation**

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

Project: 2003xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,000	1,000	1,000
Financed by:									
Retained Earnings							1,000	1,000	1,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000
Financed by:								
Retained Earnings						1,000		1,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Branch I, II and Interconnection aqueducts are specialized pipes which are unique in size, materials, construction techniques and failure.

The Branch I aqueduct was installed in 1918 and has an established inspection and maintenance program, however, the Branch II and interconnection aqueducts were installed in the 1960's and will require specialized inspection, testing, and maintenance to preserve the asset.

The Branch II and Interconnection aqueducts were installed between 1959 and 1963 and require inspection, testing and maintenance to preserve the asset.

The expected life of this asset is 50 years.

Project Name: **Water Services Division Operations Accreditation**

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

Project: 2001xxxxyy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	500	500	500
Financed by:									
Retained Earnings							500	500	500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	-	500	-	500
Financed by:								
Retained Earnings						500		500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Services Division has a strategic goal to become certified under an ISO or similar certification program to enhance customer service and manage risk. Additional benefits of becoming certified are: improved cost effectiveness, environmental compliance, reduced hazard liabilities and promotion of best management practices. The Utility has the opportunity to demonstrate to their customers a commitment to environmentally safe processes, regulatory compliance, and environmental stewardship.

The expected life of this asset is 20 years.

Project Name: **Watermain Renewals**

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

Project: 20130001yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	12,000	13,000	14,000	15,000	16,000	17,000	75,000	87,000
Financed by:									
Watermain Renewal Reserve		12,000	13,000	14,000	15,000	16,000	17,000	75,000	87,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	12,000	13,000	14,000	15,000	16,000	17,000	-	87,000
Financed by:								
Watermain Renewal Reserve	12,000	13,000	14,000	15,000	16,000	17,000		87,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 has been added to the program due to the escalation in construction costs and an increase in the number of watermains requiring replacement/rehabilitation. The expected remaining life of each rehabilitated watermain ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

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

Project Name: **Shoal Lake Aqueduct Asset Preservation**

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

Project: 20030007yy
Service: Water

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,050	600	700	1,300	-	-	1,000	3,000	3,600
Financed by:									
Retained Earnings		600	700	1,300			1,000	3,000	3,600

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	600	700	1,300	-	-	1,000	-	3,600
Financed by:								
Retained Earnings	600	700	1,300			1,000		3,600

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The Shoal Lake Aqueduct, which has been in continuous service since 1919, delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometres (97 miles). A comprehensive condition and rehabilitation of the Aqueduct commenced in 1988 and was substantially completed in 2004. While the Aqueduct rehabilitation project has resulted in an increase of the Aqueduct's service life by 50 years, on-going monitoring and inspection programs will identify future works.

Works which have been identified include the rehabilitation of drainage siphons crossing the Aqueduct, replacement of corroded boathouse access doors and broken Aqueduct vent pipes, re-establishment of a boathouse in proximity of the Whitemouth River and condition inspection and cleaning of the Aqueduct underdrain.

During the rehabilitation of the Aqueduct, an inventory of specialized and costly inspection and maintenance equipment was assembled which will continue to be utilized in the ongoing inspection and maintenance of the Aqueduct. This equipment requires a dedicated and secure storage facility to ensure its functionality and availability.

The expected life of this asset is 50 years.

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Project Name: **Lift Stations Upgrading**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 20350001yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	750	1,750	1,750	750	750	750	5,750	6,500
Financed by:									
Retained Earnings		750	1,750	1,750	750	750	750	5,750	6,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	750	1,750	1,750	750	750	750	-	6,500
Financed by:								
Retained Earnings	750	1,750	1,750	750	750	750		6,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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, aesthetic problems, and capacity assessments 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 program will include a condition assessment of all lift stations to establish future funding requirements.

The expected life of this asset is 50 years.

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

Project Name: **Inflow / Infiltration / Cross-Connection Study and Mitigation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 3
Project: 20410001yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,250	-	-	-	-	2,000	-	2,000	2,000
Financed by:									
Retained Earnings						2,000		2,000	2,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	-	-	-	-	2,000	-	-	2,000
Financed by:								
Retained Earnings					2,000			2,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 wet weather flows to wastewater treatment plants are minimized, basement flood protection is improved during high river levels and emergency discharges are minimized. 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. Areas where large sources of extraneous I&I are suspected will be investigated. Appropriate technical measures including public education and communication will be initiated to rectify this situation.

The expected life of this asset is 50 years.

Project Name: **Sewer System Isolation in Areas Protected by Secondary Dikes**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 3

Project: 20300002yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	1,000	1,000	-	-	2,500	2,500
Financed by:									
Retained Earnings			500	1,000	1,000			2,500	2,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

This project involves isolating the sewer system in areas protected by secondary dikes from the remainder of the sewer system behind the primary dikes. This will involve one of three types of work for different locations:

1. Installation of gate valves on the house sewer connection;
2. Installation of sump pits and pumps and backwater valves in each property; or,
3. Installation of parallel sewer mains in streets.

The purpose of installing these works is to prevent complete flooding of a sewer district behind a primary dike should a secondary dike breach occur and flood the properties between the secondary and primary dikes.

The expected life of this asset is 50 years.

Project Name: **Raw Sewage Pump Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,600	2,550	5,450	-	-	-	-	5,450	8,000
Financed by:									
Retained Earnings		2,550	5,450					5,450	8,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,550	5,450	-	-	-	-	-	8,000
Financed by:								
Retained Earnings	2,550	5,450						8,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Raw sewage pumping is a critical operation at the NEWPCC. The largest and oldest raw sewage pumps at the NEWPCC (pumps MP2, MP3, MP4 and MP6) were installed in 1965 and are each rated at 700 horsepower with a pumping capacity of 188 megalitres per day (ML/d). While these pumps have been maintained in good condition, repairs are becoming more difficult to complete. Parts are difficult to obtain and may have to be custom fabricated. The variable speed drives on pumps MP2 and MP4 are considered obsolete. Variable speed drives allow for more efficient pumping to pace the flows received at the NEWPCC.

Funding shown will be for: conceptual design pertaining to replacement of all six raw sewage pumps; functional and detailed design, contract administration, and addition services pertaining to immediate replacement of pumps MP2, MP4 and MP5; and a supply and installation contract for three variable speed pump/motor/drive assemblies and associated equipment and services. The scope and cost for these upgrades will be developed as engineering proceeds through conceptual and functional design phases.

The expected life of this asset is 25 years.

Project Name: **Upgrading External Power Supply - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	6,000	-	-	-	6,000	6,000
Financed by:									
Retained Earnings				6,000				6,000	6,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	6,000	-	-	-	-	6,000
Financed by:								
Retained Earnings			6,000					6,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 separate 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 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 higher power requirements and will increase the plant power requirement beyond the current capacity of either of the two supplies. In anticipation of nutrient removal at the NEWPCC the existing power supplies must be assessed and upgraded.

The life expectancy of this asset is 50 years.

Project Name: **Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2033xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011 **	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,950	2,050	2,800	-	-	-	-	2,800	4,850
Financed by:									
Retained Earnings		2,050	2,800					2,800	4,850

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,050	2,800	-	-	-	-	-	4,850
Financed by:								
Retained Earnings	2,050	2,800						4,850

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 the North End Water Pollution Control Centres and include provisions for landfill leachate acceptance at the NEWPCC. Due to timing of design, tendering, construction and increased budget costs, the South End Water Pollution Control Centre hauled Liquid Waste Facility is proposed to be designed in 2009 with tendering and construction in 2010.

To improve truck entry and exit security within the NEWPCC it is proposed to add an additional receiving/handling facility to the NEWPCC Hauled Liquid Waste Acceptance Facility in 2011 that will receive sludge from SEWPCC and WEWPCC. This facility will then maintain all truck traffic outside the secure fenced perimeter of 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.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Re-Roofing at Water Pollution Control Centres**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 20300010yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	400	-	400	-	400	1,200	1,200
Financed by:									
Retained Earnings		-	400	-	400	-	400	1,200	1,200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	400	-	400	-	400	-	1,200
Financed by:								
Retained Earnings	-	400	-	400	-	400		1,200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Various Water Pollution Control Centre buildings require re-roofing because their existing roofing has exceeded their functional life and are in need of frequent repair and servicing. Mechanical equipment and controls contained in these facilities require that the superstructures be adequately maintained to protect its components. Re-roofing in a timely and proactive manner will maximize the functional life of the facilities, protect the mechanical and control components contained in the facilities, and prevent structural damage to the facilities as a result of water leakage undergoing freeze-thaw cycles. The funding for this ongoing program includes engineering, design, and re-roofing construction.

The expected life of this asset is 30 years.

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

Project Name: **Centrifuge Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	9,500	-	-	-	9,500	9,500
Financed by:									
Retained Earnings			-	9,500				9,500	9,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	9,500	-	-	-	-	9,500
Financed by:								
Retained Earnings		-	9,500					9,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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, the sludge produced at the South End and the West End Water Pollution Control Centres is processed at NEWPCC. There are 6 units that are subject to intense mechanical wear, are 18 years old, and are failing with increasing frequency. For construction, operation, and maintenance reasons, these units must be identical to each other, and as such must be purchased simultaneously, or phased over 2 years maximum.

The life expectancy of this asset is 15 years.

Project Name: **River Crossings Monitoring and Rehabilitation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 20360007yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	1,300	1,300	1,300	1,300	1,300	1,300	6,500	7,800
Financed by:									
Retained Earnings		1,300	1,300	1,300	1,300	1,300	1,300	6,500	7,800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,300	1,300	1,300	1,300	1,300	1,300	-	7,800
Financed by:								
Retained Earnings	1,300	1,300	1,300	1,300	1,300	1,300		7,800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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.

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

Project Name: **Asbestos Containing Materials Operations & Maintenance Program**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3

Project: 20300009yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	495	200	125	125	-	-	-	250	450
Financed by:									
Retained Earnings		200	125	125				250	450

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	125	125	-	-	-	-	450
Financed by:								
Retained Earnings	200	125	125					450

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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, labeling, testing, Asbestos Containing Material (ACM) remediation contract services, training, and response plan development in the Water Services Division and Wastewater Services Division. A separate budget is set up for the ACM Operations and Maintenance Program in the Waterworks 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	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	600	900	-	-	-	-	-	-	900
Financed by:									
Retained Earnings		900						-	900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	900	-	-	-	-	-	-	900
Financed by:								
Retained Earnings	900							900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Process equipment in the digester area is over 40 years old and some components are failing with increasing frequency and have reached their useful life. Six digester gas compressor units are used to recirculate biogas in the sludge treatment process. The six sludge heat exchanger units are used to maintain the sludge temperature in the digesters and are critical components in the sludge treatment process. The compressors and the heat exchangers are identical and for construction, operation, and maintenance purposes, their replacements must be acquired simultaneously to ensure that the new equipment is identical.

The life expectancy of this asset is 20 years.

Project Name: **Water Pollution Control Centre Reliability Upgrades**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 20310010yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	21,900	-	2,500	2,500	5,000	5,000	5,000	20,000	20,000
Financed by:									
Retained Earnings		-	2,500	2,500	5,000	5,000	5,000	20,000	20,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	2,500	2,500	5,000	5,000	5,000	-	20,000
Financed by:								
Retained Earnings	-	2,500	2,500	5,000	5,000	5,000		20,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 electrical and mechanical components is 25 years.

Project Name: **HVAC Replacement - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 20330006yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	6,000	6,320	-	-	-	-	6,320	12,320
Financed by:									
Retained Earnings		6,000	6,320		-	-		6,320	12,320

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	6,000	6,320	-	-	-	-	-	12,320
Financed by:								
Retained Earnings	6,000	6,320		-	-			12,320

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 16 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 expected life of this asset is 20 years.

Project Name: **Traffic Safety Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	-	-	-	2,450	-	-	2,450	2,450
Financed by:									
Retained Earnings					2,450			2,450	2,450

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	2,450	-	-	-	2,450
Financed by:								
Retained Earnings				2,450				2,450

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The 1990 dewatering expansion at NEWPCC considered the need for traffic lights on Main street at the exit due to the increase in large (WB-20, 30 KL, 6 - axel) truck traffic and the safety concerns associated therewith, but this did not proceed at that time. Since then, large truck traffic at NEWPCC has increased over time from 20 - 25 large trucks/day to upwards of 100-150, with considerable increases in large leachate and liquid sludge trucks, construction trucks, as well as septage trucks and delivery/staff and contractor vehicles associated with plant expansions which are currently underway (in addition to the 100 large trucks/day). Meanwhile, the Chief Peguis bridge and surrounding developments have resulted in large increases in vehicular traffic on Main Street.

Over time, construction traffic will be replaced and exceeded by more septage trucks due to the closing of a West End receiving facility, by chemical delivery trucks due to treatment processes under construction, and by sludge trucks due to expansions at the City's other plants now underway. A traffic expert consultant assignment is urgently required to assess and develop alternatives and consult with authorities and obtain any needed approvals, followed by construction works (traffic lights, ramps, roadways, R/R crossings, access, etc.) to alleviate traffic safety issues both with on-site traffic and ingress/egress at Main Street.

The expected life of this asset is over 50 years.

Project Name: **Holding Tanks Coating - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	-	-	2,550	-	-	2,550	2,550
Financed by:									
Retained Earnings					2,550			2,550	2,550

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	2,550	-	-	-	2,550
Financed by:								
Retained Earnings				2,550				2,550

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 1930's, are now used as digested sludge holding tanks, and are essential to the operation of the digested sludge dewatering facility, which serves all three of the City's wastewater treatment plants. The 75+ year old interior concrete walls are subject to corrosive gases and the interior wall and ceiling have deteriorated to the point where reinforcing steel is exposed in some areas. Assessment by qualified experts followed by rehabilitation and application of a sealant and/or coating is required to assure continued functionality of these tanks and avoid the expense of complete rebuilding.

The expected life of this asset is over 50 years.

Project Name: **Primary Clarifier Covers - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	25,500	-	-	25,500	25,500
Financed by:									
Retained Earnings					25,500			25,500	25,500

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	25,500	-	-	-	25,500
Financed by:								
Retained Earnings				25,500				25,500

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The three uncovered primary clarifiers at the NEWPCC have been identified as one of the remaining untreated odour sources at the site. The original Primary Clarifier Cover project, first introduced into the 1992 Capital Budget Estimates forecast was set up to implement a cover/ventilation system which would facilitate year round maintenance and operational flexibility and provide odour control capability. The project scope of work and the budget were expanded to include replacement of the clarifier sweep mechanisms which have reached the end of their expected design/service life.

Due to several factors that amounted to a significant increase in the capital funding required to complete the project, the Department recommended a deferral of the clarifier covering portion of the project.

On July 18, 2007, Council approved and 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 $25,500,000.

The expected life of this asset is over 50 years.

Project Name: **Wastewater Utility Asset Management Strategy**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 20300006yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	200	200	-	-	-	-	200	400
Financed by:									
Retained Earnings		200	200					200	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	200	200	-	-	-	-	-	400
Financed by:								
Retained Earnings	200	200						400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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. 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 Capital Budget previously established in 2004 has been cancelled and re-budgeted for 2011.

The expected life of this asset is over 50 years.

Project Name: **Customer Information and Services System (CISS) Project - Phase 2**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2

Project: 20401002yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	512	1,025	-	-	-	-	-	-	1,025
Financed by:									
Retained Earnings		1,025						-	1,025

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	1,025	-	-	-	-	-	-	1,025
Financed by:								
Retained Earnings	1,025							1,025

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 (CCB) system. Some components of this phase will include web self-service, CCB cashiering, meter management and inventory control, enhanced reporting, and work order management interface.

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.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Cost of Service Rates Study**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 3 - 2

Project: 20300020yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Council has mandated that the Water & Waste Department develop a cost of service rate plan. Cost of Service Analysis is a methodology for rate setting that is generally accepted in the industry and recommended by industry associations such as the American Waterworks Association (AWWA), Water Environment Federation and the U.S. Environmental Protection Agency. It is also accepted by Public Utility Boards and Commissions. Implementation of a cost of service rates philosophy will align rates with the actual cost of delivering the service, by class of customer. The objective being that each group pays its "proportionate share" of the costs. This will require a detailed review and possible restructuring of how Water and Sewer rates are applied by customer class.

The funding for the project will be split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **New Discharge Chamber - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 203100xxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	-	-	-	5,000	10,000	-	15,000	15,000
Financed by:									
Retained Earnings				-	5,000	10,000		15,000	15,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	5,000	10,000	-	-	15,000
Financed by:								
Retained Earnings			-	5,000	10,000			15,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 2013 and 2014 will be for the design and construction of a second discharge chamber and will be dependent on the outcome of the condition assessment.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

Project Name: **New Surgewell - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 203100xxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	-	4,000	9,000	-	-	-	13,000	13,000
Financed by:									
Retained Earnings		-	4,000	9,000				13,000	13,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	4,000	9,000	-	-	-	-	13,000
Financed by:								
Retained Earnings	-	4,000	9,000					13,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The surgewell and related appurtenances were part of the original plant construction in 1936. Due to age, wear, and the corrosive environment, extensive deterioration of this asset is evident. In addition to constructing a new surgewell, consideration will be given to upgrading the on-site interceptors and pump suction header system to improve control of raw sewage inflows and provide redundancy for the plant inflow systems.

The expected life of the structure is 50 years and the expected life of the mechanical and electrical components is 25 years.

Project Name: **Grit Handling Upgrades - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 203100xxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011 **	2012 **	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,400	4,900	6,600	-	-	13,900	13,900
Financed by:									
Retained Earnings			2,400	4,900	6,600			13,900	13,900

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	2,400	4,900	6,600	-	-	-	13,900
Financed by:								
Retained Earnings		2,400	4,900	6,600				13,900

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 involved tank geometry and air flow system upgrades in 2008. Phases 2 and 3 will include supply and installation of a grit collection, removal and classification systems into the four grit tanks, and Phase 4 will include the replacement of the grit conveyor system.

The expected life of the structure is 50 years and the expected life of the electrical and mechanical components is 25 years.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Synergen/GIS Interface**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 2040xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Geographic Information System GIS/Synergen Interface links the Water and Waste Department “in ground” assets data (Water and Sewer pipes, valves, gates, etc.) to the department’s Computerized Work Management system. This will provide the automatic recording of work and costs against all in ground assets; provides up to date information on the operational status of all assets (valve closures); automatically records repair status of assets so that future condition assessment and asset renewal decisions can be made with greater accuracy.

The benefits include improved customer service and reduced operating risk because of the real time information on water valve and sewer gate status; increased staff efficiency in recording work against assets, improved decision making in knowing asset status and condition which will provide for lower costs in asset management and renewal.

The Capital Budgets previously established for the Computerized Work Management System have been cancelled and re-budgeted as Synergen/GIS Interface for 2010.

Project Name: **GIS Database Upgrades and Continuous Development**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4

Project: 2040xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	-	-	-	-	-	-	100
Financed by:									
Retained Earnings		100						-	100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Retained Earnings	100							100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Funding is for development of a long term strategic plan to guide the future development of the Department's Geographic Information System.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Main Pump Well Overhead Crane Replacement - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	-	-	-	-	-	-	400
Financed by:									
Retained Earnings		400						-	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Retained Earnings	400							400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

Early indications from the NEWPCC raw sewage pump replacement project suggest that the new pumps will exceed the existing crane lifting capacity. Installation of new pumps are scheduled to begin October 2011. The overhead crane replacement must be completed before this time.

Funds are required for engineering services for structural assessment to determine requirements for replacing existing 7.5 ton crane, with a new 10 ton crane capacity.

The estimate includes $100,000 for engineering services and up to $300,000 for demolition of existing crane and supply and installation of new crane. A 10 ton crane may require significant alteration to the building structure and electrical/mechanical systems. The scope and budget will be revised as engineering proceeds.

The expected life of this asset is 25 years.

Project Name: **Raw Sewage Pump - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2033xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	3,000	-	-	-	-	-	-	3,000
Financed by:									
Retained Earnings		3,000						-	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	3,000	-	-	-	-	-	-	3,000
Financed by:								
Retained Earnings	3,000							3,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Perimeter Road Pump Station (PRPS) is the raw wastewater pumping facility for the WEWPCC. It is located approximately 1.2 km east of the WEWPCC. The PRPS is approximately 45 years old and has recently undergone a reliability upgrade of its forcemain, mechanical, structural and electrical components.

The PRPS is configured to accommodate four pumps. At the present time only three pumps are installed; one medium sized electric variable capacity pump to handle average dry weather flows as well as night time low flows, one large electric pump to handle wet weather flows and one large diesel pump for emergency pumping. A second medium sized electric variable capacity pump is required to provide redundancy and continuous pumping for the average and night time low flows. The new Biological Nutrient Removal (BNR) treatment process at the WEWPCC may be susceptible to process upsets if the only variable capacity pump is out of service.

Project Name: **Cockburn & Jesse Lift Stations Upgrades to Facilitate Fort Rouge Yards Development**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2035xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,000	1,000	-	-	-	3,000	3,000
Financed by:									
Retained Earnings			2,000	1,000				3,000	3,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	-	2,000	1,000	-	-	-	-	3,000
Financed by:								
Retained Earnings		2,000	1,000					3,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 combined sewer lift stations, Jessie and Cockburn, are at their operating capacity. The proposed Bus Rapid Transit (BRT) and Fort Rouge Yards (FRY) Development will result in additional dry and wet weather flows to these stations. To safely convey all dry weather flows to the wastewater treatment plants without risk of dry weather overflows, and maintaining sufficient wet weather flow capacity to protect against basement flooding, both stations will require significant structural, mechanical and electrical upgrades.

The expected life of the structure is 50 years, and 25 years for the electrical and mechanical components.

Project Name: **Variable Frequency Drives (VFDs) for Process Blowers - West End Water Pollution Control Centre (WEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2033xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Retained Earnings		200						-	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2014	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Retained Earnings	200							200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 WEWPCC treatment process was recently upgraded to provide the nutrient removal capability required by licence. During the design of this upgrade it was decided to re-use the existing blowers as they appeared to have adequate capacity for the new process. After several months of operation it is now apparent that although these blowers do have enough capacity, they do not have any turn down ability. When the existing blowers are required to turn on and off during the night to match the low night time flows there has been some damages observed in the air distribution and diffusion system. The installation of variable speed drives will provide energy efficiencies as well as the ability to match the air requirements to plant flows.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Environmental Impact Statement and Public Hearings**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2034xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,400	100	200	200	100	100	100	700	800
Financed by:									
Environmental Reserve		100	200	200	100	100	100	700	800

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	200	200	100	100	100	-	800
Financed by:								
Environmental Reserve	100	200	200	100	100	100		800

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 2010 to 2015 horizon.

Project Name: **Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 20380001yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	27,228	8,000	9,000	9,000	10,000	10,000	10,000	48,000	56,000
Financed by:									
Environmental Reserve		8,000	9,000	9,000	10,000	10,000	10,000	48,000	56,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	8,000	9,000	9,000	10,000	10,000	10,000	-	56,000
Financed by:								
Environmental Reserve	8,000	9,000	9,000	10,000	10,000	10,000		56,000

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 mitigation program that integrates with other major sewer programs, including:

- Basement flooding relief

- Sewer Condition Assessment and Condition Upgrading

- Pollution Control Centre Upgrading Programs

A Combined Sewer Overflow Master Implementation Plan will develop specific strategies for implementation that meet regulatory compliance. The plan will consider: 2003 CEC Hearings recommendations; Manitoba Conservation Guidance and Priorities; Canadian Council of Ministers on the Environment (CCME) Municipal Effluent Strategy Guidelines; 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 number of overflows to the local rivers 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 other major sewer programs, overflow monitoring and reporting, and initiation and implementation of control measures, including SCADA (Supervisory Control and Data Acquisition).

As more CSO's are diverted to the wastewater treatment plants, additional treatment will need to be added to process the wet weather flows to meet effluent limits set in Environment Act Licences issued for each plant.

The expected life of the sewers is 50 years, mechanical components is 25 years and SCADA system is 10 years.

Project Name: **Biosolids - Alternative Disposal Delivery & Management System**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 3

Project: 20310004yy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	6,080	-	14,922	12,191	11,325	11,313	6,899	56,650	56,650
Financed by:									
Environmental Reserve			14,922	12,191	11,325	11,313	6,899	56,650	56,650

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	14,922	12,191	11,325	11,313	6,899	-	56,650
Financed by:								
Environmental Reserve		14,922	12,191	11,325	11,313	6,899		56,650

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 Regulation. The current WINGRO management program will need to be modified to be sustainable and will require significant capital investment and transition time to implement the required changes. Funds included are for engineering study and design and construction of alternatives to current sludge management and disposal methods.

The expected life of the facility is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Nutrient Removal / Expansion - South End Water Pollution Control Centre (SEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2032xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate **	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	139,250	64,000	-	-	-	-	-	-	64,000
Financed by:									
Canada Strategic Infrastructure Fund - Federal		8,035						-	8,035
Canada Strategic Infrastructure Fund - Provincial		10,392						-	10,392
External Debt		48,865						-	48,865
Transfer to General Capital Fund		(3,292)						-	(3,292)

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	64,000	-	-	-	-	-	-	64,000
Financed by:								
Canada Strategic Infrastructure Fund - Federal	8,035							8,035
Canada Strategic Infrastructure Fund - Provincial	10,392							10,392
External Debt	48,865							48,865
Transfer to General Capital Fund	(3,292)							(3,292)

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 and ammonia toxicity reduction 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, the associated blooms of algae, and the chronic toxicity of ammonia to aquatic life under low flow conditions.

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, ammonia toxicity, and 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 issues is to construct Biological Nutrient Removal (BNR) facility for N and P and to meet projected flows from increased population growth. The implementation of BNR will require a major plant upgrade and expansion. 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. The Clean Environment Commission has recently confirmed the need to use the BNR process to achieve these P and N concentrations.

Completion of the plant expansion by December 2012 is required by the Environment Act License.

Nutriet Removal/Expansion SEWPCC (continued):

The current funding requirement is based on a conceptual engineering estimate and are subject to a high degree of uncertainty. These funding requirements will be updated as engineering progresses.

The City of Winnipeg is currently investigating alternative project delivery methodologies for several major sewage treatment plant infrastructure upgrades, including the Nutrient Removal/Expansion project for the SEWPCC. As such, the Capital Budget needs and cash flow may need to be altered in the future, depending on the project delivery framework selected.

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.

** Supported by class 3 estimate, see Appendix # 2.

Project Name: **Nutrient Removal - North End Water Pollution Control Centre (NEWPCC)**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 4
Project: 2031xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	14,500	21,000	150,000	150,000	65,000	-	-	365,000	386,000
Financed by:									
External Debt		21,000	150,000	150,000	65,000			365,000	386,000

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	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	2010	2011	2012
Revenue increase/(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 concerns relate to excess nutrients (nitrogen (N) and phosphorus (P)) introduced to Lake Winnipeg contributing to undesirable blooms of blue-green algae.

The upgrade requirements for ammonia and/or nutrient reduction at the wastewater treatment plants must be considered jointly. The most cost effective method to address both issues is Biological Nutrient Removal (BNR) of N and P. The implementation of BNR will require a major plant expansion and double the size of the current facility. Best practicable performance of BNR is anticipated to achieve a final effluent with total P and N concentrations of about 1 mg/L and 15 mg/L, respectively. Due to the timing and magnitude of the costs, a portion of the project will need to be debt financed if it is to be implemented within the next ten years.

The impact of changes in sludge quantity and quality resulting from BNR process upgrades will have a large impact on solids handling and land applications. The addition of wet weather treatment processes associated with combined sewer overflow (CSO) control must be considered in the overall BNR process design and operation effluent disinfection for wet weather.

The required funding is based on meeting expected effluent limits on a rolling 30 day average basis. These limits are contained in an Environment Act License issued for this facility. Funding is being requested to allow for completion of the plant expansion by December 2014. Additional funds may be required and will be identified in succeeding years capital budgets.

The current funding requirement is based on very preliminary engineering and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The expected life of the structures is 50 years, the expected life of electrical and mechanical components is 25 years, and the expected life for computer related systems is 10 years.

Project Name: **Sewer Renewal**

Department: Water and Waste - Sewage Disposal
Capital Priority Rating: 5 - 2
Project: 2039xxxxyy
Service: Wastewater

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	12,600	13,200	13,900	14,600	15,300	16,100	73,100	85,700
Financed by:									
Sewer System Rehabilitation Reserve		12,600	13,200	13,900	14,600	15,300	16,100	73,100	85,700

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	12,600	13,200	13,900	14,600	15,300	16,100	-	85,700
Financed by:								
Sewer System Rehabilitation Reserve	12,600	13,200	13,900	14,600	15,300	16,100		85,700

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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. Additional funding has been added to the program due to the increased number of sewer mains requiring replacement/rehabilitation. 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 Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2060xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,126	-	400	400	400	-	-	1,200	1,200
Financed by:									
External Debt			400	400	400			1,200	1,200

CASH FLOW	2010	2011	2012	2013	2014	20115	Beyond 2015	Total
Project Costs ($000's)	-	400	300	300	200	-	-	1,200
Financed by:								
External Debt		400	300	300	200			1,200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

In compliance with the closure/post closure plan for the former Summit Road landfill site, there is a requirement to apply additional final cover over the site and to carry out final grading, drainage control, and vegetative cover. The additional cover and grading/drainage control, and vegetative cover will restrict infiltration of precipitation into the site reducing leachate (landfill liquids) production. This reduces the amount of leachate that needs to be pumped and treated from this site. There is also a requirement to secure this site from unauthorized access. The costs identified include acquiring fill for final cover, grading/drainage control, fencing, plantings, and signage, including associated engineering.

The expected life of this facility is 50 years.

Project Name: **Miscellaneous Land Acquisition**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2

Project: 2061xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	450	-	-	-	-	200	-	200	200
Financed by:									
Retained Earnings						200		200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	-	-	200	-	-	200
Financed by:								
Retained Earnings					200			200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

With the 34 closed landfills in the City, there are occasions when there is a benefit to acquiring lands in proximity of these sites to provide additional buffer zones to minimize any impacts on adjacent private lands. There are also occasions when acquiring land would be beneficial to long term control, use, drainage works, or rehabilitation of a site. The cost identified includes the cost of acquiring land with associated administration costs.

Project Name: **Environmental Act Licence for Brady Landfill**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 4

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	-	-	-	-	-	-	400
Financed by:									
Retained Earnings		400						-	400

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Retained Earnings	400							400

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The City must update the "grandfathered" operating permit for Brady Road Landfill with the required environmental license under current Manitoba Conservation regulations. The City will be required to conduct an Environmental Impact Assessment (EIA) and will also include a public review process as part of obtaining an environmental license.

The expected life of this asset is 100 years.

Project Name: **Brady Landfill Staff Building**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 2
Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,250	100	-	-	-	-	-	-	100
Financed by:									
Retained Earnings		100						-	100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Retained Earnings	100							100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 33-year old construction trailer as its site office, lunchroom, and training area. A 36-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 amount shown in 2010 is for escalation since construction will not begin until 2010, after the Brady Landfill licencing process has helped to define the needs.

The expected life of this facility is 30 years.

Project Name: **Landfill Cell Excavation**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 4

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,875	-	-	-	4,500	-	4,500	7,375
Financed by:									
Retained Earnings		1,467						-	1,467
External Debt		1,408				4,500		4,500	5,908

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	2,875	-	-	-	4,500	-	-	7,375
Financed by:								
Retained Earnings	1,467							1,467
External Debt	1,408				4,500			5,908

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)			
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase			
SURPLUS/(DEFICIT)	-	-	-

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

The remaining capacity at the Brady Road Landfill is approximately 100-150 years. The landfill operation expands laterally by first excavating a below ground cell, and installing a leachate (landfill liquids) collection system at the base of the excavation. Filling with refuse then progresses within the cell in layers until the desired height above ground has been achieved, at which time the next cell is constructed. The excavated material is valuable for covering successive layers of refuse. Cell excavations will be required in 2010 and in 2014. The cost identified includes the cost of excavating and stockpiling excavated soil, and installation of a leachate collection system, including associated engineering.

The expected life of this facility is 50 years.

Project Name: **Brady Landfill Gas Capture Project**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 4

Project: 2062xxxxyy
Service: Solid Waste Collection & Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	150	8,900	-	-	-	-	-	-	8,900
Financed by:									
Provincial Funding		4,450						-	4,450
External Debt		4,450						-	4,450

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	4,450	4,450	-	-	-	-	-	8,900
Financed by:								
Provincial Funding	2,225	2,225						4,450
External Debt	2,225	2,225						4,450

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 and flare system that will reduce up to 97,000 tonnes of carbon dioxide equivalent per year from entering the atmosphere. The project includes installing a gas collection system, flare, improved final cover, and maintenance road access. There is also the potential for revenue from the sale of the recovered gas. 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.

Project Name: **Summit Landfill Leachate Collection Assessment**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 3

Project: 2062xxxxyy
Service: Solid Waste Collection and Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	200	-	-	-	200	200
Financed by:									
External Debt				200				200	200

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	-	-	200	-	-	-	-	200
Financed by:								
External Debt			200					200

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 leachate collection system at the former Summit Road Landfill site is over 20 years old. Similar leachate collection systems have been subjected to clogging problems in the past. It is important to keep this system functioning effectively to be able to keep leachate levels down and contained, therefore an assessment is required to determine the effectiveness of the system at the Summit Road Landfill. The funding proposed for 2012 will involve retaining an engineering consultant to conduct investigations at the site and provide a report on the condition of the leachate collection system and any rehabilitation work required. Funding for any rehabilitation work required as a result of the investigations will be included in future budgets.

Project Name: **Street Sweepings Recycling Program Implementation**

Department: Water and Waste - Solid Waste Disposal
Capital Priority Rating: 3 - 3

Project: 2062xxxxyy
Service: Solid Waste Collection and Disposal

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	-	-	-	-	-	-	100
Financed by:									
Provincial Funding (Environmental Grant)		100						-	100

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Provincial Funding (Environmental Grant)	100							100

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(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 administration has been directed to investigate the implementation of a program to recycle approximately 65,000 tonnes per year of street sweepings (mostly sand) from annual spring street cleanup. The street sweepings are currently hauled to the landfill for disposal. The funding identified for 2010 is for an engineering investigation and analysis to determine the details, cost and procurement of services for recycling the sweepings. This work is to be financed from Provincial Funding (Environmental Grant) account to be set up with funding from Winnipeg's share of the Provincial Environmental Fee Levy. It is expected that there will be a recovery of this cost from tipping fees generated from street sweepings starting in 2010.

WINNIPEG GOLF SERVICES - GENERAL CAPITAL FUND

Project Name: **Golf Course Improvements**

Department: Winnipeg Golf Services
Project: 639xxxxx10
Capital Priority Rating: 1-3
Service: Golf Services (SOA)

AUTHORIZATION	Previous Budgets	2010 Estimate	FORECAST 2011	2012	2013	2014	2015	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	415	150	150	-	-	-	300	715
Financed by:									
Cash to Capital (Equity in Capital Assets Fund)		115	(23)	(23)	(23)	(23)	(23)	(115)	-
Golf Course Reserve		300	173	173	23	23	23	415	715

CASH FLOW	2010	2011	2012	2013	2014	2015	Beyond 2015	Total
Project Costs ($000's)	415	150	150	-	-	-	-	715
Financed by:								
Cash to Capital (Equity in Capital Assets Fund)	115	(23)	(23)	(23)	(23)	(23)		-
Golf Course Reserve	300	173	173	23	23	23		715

NET OPERATING IMPACT	2010	2011	2012
Revenue increase/(decrease)	3		
Less:			
Operating expenditures increase/(decrease)			
Debt and finance charges increase		11	9
SURPLUS/(DEFICIT)	3	(11)	(9)

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

Capital improvements consist of refurbishment and/or replacement of greens, tee boxes and fairways as well as reforestation, equipment purchases and improvements to land drainage, irrigation systems and clubhouse facilities.

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The City of Winnipeg

SERVICE BASED VIEW

2010
Preliminary Capital Budget

and

2011 to 2015
Five Year Forecast

November 16, 2009

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CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	PRELIMINARY CAPITAL						
	BUDGET	FORECAST					2010-2015
	2010	2011	2012	2013	2014	2015	TOTAL
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS							
Roadway Construction and Maintenance	178,715	60,433	61,199	62,425	66,927	64,168	493,867
Transportation Planning and Traffic Management	4,100	3,550	3,650	1,450	1,550	1,650	15,950
Roadway Snow Removal and Ice Control		500					500
City Beautification	1,300	1,300	1,300	1,300	1,300	1,300	7,800
Land Drainage and Flood Control	12,050	13,300	13,590	14,575	12,648	13,300	79,463
Parks and Urban Forestry	7,256	5,759	6,501	6,294	6,432	6,122	38,364
Public Transit	27,912	28,463	25,022	28,409	29,750	24,318	163,874
Water	20,625	24,800	30,990	26,875	21,410	22,375	147,075
Wastewater	124,675	217,067	222,366	151,575	55,763	40,549	811,995
Solid Waste Collection & Disposal	12,375	400	600	400	4,700		18,475
Total Infrastructure Renewal and Public Works	389,008	355,572	365,218	293,303	200,480	173,782	1,777,363
PROTECTION AND COMMUNITY SERVICES							
Police Response	6,819	7,693	10,734	9,420	7,149	6,052	47,867
Fire and Rescue Response	2,800		2,700	2,300	858	5,000	13,658
Golf Services (SOA)	415	150	150				715
Recreation	5,250	6,350	5,080	5,080	5,360	8,501	35,621
Libraries	500	5,000	3,700	4,700	3,900	3,900	21,700
Arts, Entertainment and Culture	7,972	2,000	2,000	3,000	3,000	3,000	20,972
Insect Control	160					2,250	2,410
Total Protection and Community Services	23,916	21,193	24,364	24,500	20,267	28,703	142,943
PROPERTY AND DEVELOPMENT							
Neighbourhood Revitalization	5,374	3,858	3,888	3,919	3,950	4,482	25,471
Heritage Conservation	400		200	200	200	200	1,200
Cemeteries	550	300	200	200	200	260	1,710
Property Asset Management - Tax Supported	550	500	600	600	600	600	3,450
Property Asset Management - Civic Accommodations	5,800	1,900	3,024	4,050	3,930	3,600	22,304
Property Asset Management - Facilities Maintenance	225	225	225	225	425	425	1,750
Total Property and Development	12,899	6,783	8,137	9,194	9,305	9,567	55,885
EXECUTIVE POLICY							
Organizational Services	2,640	3,584	2,473	1,788	2,407	2,328	15,220
Assessment, Taxation and Corporate	1,000	2,081	6,900	2,000	2,120	4,250	18,351
Council Services	1,100	700	700	850	700	700	4,750
Total Executive Policy	4,740	6,365	10,073	4,638	5,227	7,278	38,321
TOTAL CAPITAL PROGRAM	430,563	389,913	407,792	331,635	235,279	219,330	2,014,512

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CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL**						
		BUDGET	**FORECAST**					**2010-2015**
		2010	**2011**	**2012**	**2013**	**2014**	**2015**	**TOTAL**
CAPITAL PROJECTS LISTING								
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS								
Roadway Construction and Maintenance								
Public Works								
Recreational Walkways and Bike Paths - Various Locations	3-1	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**6,000**
New Regional Sidewalks	3-2	**250**	**250**	**250**	**250**	**250**	**250**	**1,500**
Active Transportation Corridors	3-3	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Active Transportation Project - Infrastructure Stimulus Fund	3-4	**20,413**						**20,413**
Developer Payback - Various Locations	3-7	**250**	**2,100**	**9,500**				**11,850**
Kenaston Blvd - Academy Rd to Taylor Ave	3-8		**100**	**100**	**100**	**100**	**100**	**500**
Inkster Blvd - Keewatin Street to Brookside Blvd - First Call on 2010 Capital Budget, $15.770 million (Council April 29, 2009)	3-10	**15,770**						**15,770**
Regional and Local Streets	3-11	**32,428**	**37,755**	**26,778**	**42,433**	**45,977**	**39,218**	**224,589**
Sturgeon Road Bridge (Sturgeon Creek)	3-13	**1,000**	**1,033**	**10,977**				**13,010**
Osborne Street Bridge (Assiniboine River)	3-14	**355**	**6,776**	**6,294**				**13,425**
Jubilee Avenue Overpass (Pembina Hwy)	3-15	**7,638**						**7,638**
Waverley Street / CN Mainline Grade Separation	3-16		**1,119**					**1,119**
Louise Bridge (Red River)	3-17				**2,581**		**2,000**	**4,581**
Pembina Highway Underpass	3-18		**1,300**		**7,000**	**6,000**		**14,300**
St. James Street Bridge (Omand's Creek)	3-19			**200**	**1,961**			**2,161**
Ness Avenue Culvert (Sturgeon Creek)	3-20				**1,000**	**2,000**	**8,000**	**11,000**
Portage Avenue Bridge (Sturgeon Creek)	3-21			**500**	**500**	**5,000**		**6,000**
Saskatchewan Avenue Bridge (Omand's Creek)	3-22					**500**	**2,000**	**2,500**
Lyndale Drive - Retaining Wall Rehabilitation	3-23					**500**	**3,500**	**4,000**
Osborne Street Underpass	3-24						**2,500**	**2,500**
Waterway Crossing and Grade Separations - Annual Program	3-25	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**12,000**
Disraeli Bridge and Overpass Facility	3-26	**45,711**						**45,711**
Waverley West Arterial Roads Project	3-31	**51,300**	**3,400**					**54,700**
Asset Management System - Various Divisions	3-33	**100**	**100**	**100**	**100**	**100**	**100**	**600**
Assessment and Taxation								
Local Improvements - Ongoing Program	3-45		**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**15,000**
Total Roadway Construction and Maintenance		**178,715**	**60,433**	**61,199**	**62,425**	**66,927**	**64,168**	**493,867**

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* **(in Thousands of $)**	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	FORECAST 2012	FORECAST 2013	FORECAST 2014	FORECAST 2015	2010-2015 TOTAL
Transportation Planning and Traffic Management								
Public Works								
Traffic Signals Enhancement	3-6	**2,300**	**2,300**	**2,300**				**6,900**
Traffic Engineering Improvements - Various Locations	3-9	**850**	**950**	**1,050**	**1,150**	**1,250**	**1,350**	**6,600**
Land Acquisition - Transportation Right of Way	3-35	**300**	**300**	**300**	**300**	**300**	**300**	**1,800**
Winnipeg Transportation Strategy	3-38	**650**						**650**
Total Transportation Planning and Traffic Management		**4,100**	**3,550**	**3,650**	**1,450**	**1,550**	**1,650**	**15,950**
Roadway Snow Removal and Ice Control								
Public Works								
Sand / Salt Storage Facility	3-36		**500**					**500**
Total Roadway Snow Removal and Ice Control			**500**					**500**
City Beautification								
Planning, Property and Development								
Downtown Enhancement Program	3-87	**400**	**400**	**400**	**400**	**400**	**400**	**2,400**
Image Route Enhancements / Streetscaping	3-88	**400**	**400**	**400**	**400**	**400**	**400**	**2,400**
Public Art Strategy	3-90	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Total City Beautification		**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**7,800**

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL**						
		BUDGET	**FORECAST**					**2010-2015**
		2010	**2011**	**2012**	**2013**	**2014**	**2015**	**TOTAL**
Land Drainage and Flood Control								
Public Works								
Land Drainage Sewers - Regional / Local Streets	3-34	**150**	**150**	**150**	**150**	**150**	**150**	**900**
Water and Waste								
Stormwater Retention Basin Rehabilitation	3-149		**200**		**400**		**400**	**1,000**
Flood Pumping Station Rehabilitation	3-150	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**6,000**
Land Drainage and Combined Sewers Outfall Gate Structures	3-151	**1,450**	**1,450**	**1,500**	**1,500**	**1,500**	**1,500**	**8,900**
Floodplain Management	3-152	**500**	**100**	**200**		**100**		**900**
Seine River Waterway Acquisition	3-153	**150**	**150**	**150**	**150**	**150**	**150**	**900**
Primary Dike Upgrading	3-154	**300**		**490**	**500**	**948**	**900**	**3,138**
Land Drainage Safety Upgrading Program	3-155	**200**		**100**		**100**		**400**
Land Drainage Asset Management Strategy	3-156		**200**					**200**
Land Drainage Utility Study and Implementation	3-157		**500**					**500**
Permanent Flood Pumping Stations	3-158	**200**		**250**				**450**
Combined Sewer Flood Relief	3-159	**7,200**	**7,200**	**7,200**	**7,200**	**7,200**	**7,200**	**43,200**
Flood Relief Sewers - Separate	3-160	**300**	**300**	**300**	**300**	**300**	**300**	**1,800**
Development Agreement Paybacks	3-161		**500**	**500**	**500**		**500**	**2,000**
Fernbank Avenue Land Drainage Sewer	3-162				**875**			**875**
Outfall Rehabilitation	3-163	**600**	**1,550**	**1,750**	**2,000**	**1,200**	**1,200**	**8,300**
Total Land Drainage and Flood Control		**12,050**	**13,300**	**13,590**	**14,575**	**12,648**	**13,300**	**79,463**

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* **(in Thousands of $)**	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	2012	2013	2014	2015	2010-2015 TOTAL
Parks and Urban Forestry								
Public Works								
Reforestation - Improvements	3-39	**383**	**383**	**433**	**383**	**383**	**383**	**2,348**
Athletic Fields - Improvements	3-40	**200**	**200**	**200**	**200**	**200**	**200**	**1,200**
Parks - Improvements	3-41	**808**	**262**	**617**	**677**	**653**	**655**	**3,672**
Playground Structures	3-42	**1,800**	**1,750**	**1,800**	**1,800**	**1,800**	**1,800**	**10,750**
Pathway / Roadway / Tennis Court Upgrading	3-43			**150**	**150**	**150**	**150**	**600**
Community Park Amenities - First Call on 2010 Capital Budget - Chochinov Park, $40,000 (Council June 24, 2009)	3-44	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**1,500**	**9,000**
Planning, Property and Development								
Riverbank Greenway Programs	3-85	**385**	**403**	**551**	**381**	**448**	**434**	**2,602**
Developer Payback	3-92	**280**	**261**	**250**	**203**	**298**		**1,292**
Central Park Redevelopment	3-93	**400**						**400**
Riverbank Stabilization - Physical Asset Protection	3-94	**1,500**	**1,000**	**1,000**	**1,000**	**1,000**	**1,000**	**6,500**
Total Parks and Urban Forestry		**7,256**	**5,759**	**6,501**	**6,294**	**6,432**	**6,122**	**38,364**
Public Transit								
Transit								
Transit Security Enhancements	3-144	**250**						**250**
Fare Collection System	3-145	**7,870**	**2,370**					**10,240**
Innovative Transit Program	3-146	**800**	**800**	**800**	**1,000**	**1,000**	**1,000**	**5,400**
Transit Building Replacement / Refurbishment	3-147	**5,880**	**7,293**	**9,722**	**10,824**	**11,850**	**4,771**	**50,340**
Transit Buses	3-148	**13,112**	**18,000**	**14,500**	**16,585**	**16,900**	**18,547**	**97,644**
Total Public Transit		**27,912**	**28,463**	**25,022**	**28,409**	**29,750**	**24,318**	**163,874**

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL**						
		BUDGET	**FORECAST**					**2010-2015**
		2010	**2011**	**2012**	**2013**	**2014**	**2015**	**TOTAL**
Water								
Water and Waste - Waterworks System								
Saskatchewan Avenue Feedermain	3-164				**3,400**			**3,400**
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	3-165		**1,800**	**2,900**				**4,700**
Shoal Lake Aqueduct Intake Facility Assessment and Rehabilitation	3-166	**1,700**						**1,700**
Shoal Lake Intake Chloramination Facility	3-167			**2,000**				**2,000**
General Water Infrastructure Rehabilitation	3-168		**300**	**300**	**300**	**500**	**500**	**1,900**
Waverley West Feedermain	3-169			**7,000**				**7,000**
Feedermain Condition Assessment and Rehabilitation	3-170			**500**	**500**	**1,000**	**1,000**	**3,000**
Water Utility Asset Management Strategy	3-171		**200**					**200**
Water Supply Valve Installation / Replacement Program	3-172		**750**	**750**	**750**	**750**	**750**	**3,750**
Hurst Pumping Station Building - Structural Repairs	3-173	**200**	**900**					**1,100**
Chlorination Decommission at Regional Pump Stations	3-174			**115**				**115**
Safety Upgrades - Isolation Valves at Valve and Meter Pits	3-175	**300**						**300**
Deacon Chemical Feed Facility Upgrading	3-176	**400**	**1,000**					**1,400**
Regional Pumping Stations Structural Upgrades	3-177		**500**					**500**
Wilkes Reservoir "B" Pit Upgrades/Rehabilitation	3-178		**600**					**600**
Asbestos Containing Materials Operations & Maintenance Program	3-179		**125**	**125**	**125**		**125**	**500**
Branch I Aqueduct at Seine River - Riverbank Stabilization	3-180	**1,000**						**1,000**
Regional Pumping Stations Reliability Upgrades	3-181		**1,000**	**1,000**	**1,000**	**1,000**		**4,000**
Waterworks System Security Upgrades	3-182	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Regulatory Assessment of Water System Infrastructure and Water Supply Sources	3-183					**910**		**910**
Customer Information and Services System (CISS) Project - Phase 2	3-184	**1,025**						**1,025**
Cost of Service Rates Study	3-185	**150**						**150**
Safety Upgrades - Regional Reservoir Access	3-186	**700**						**700**
Synergen/GIS Interface	3-187	**150**						**150**
552 Plinguet - Water Services Building Roof Rehabilitation	3-188	**300**						**300**
Aqueduct Bridging Structure at Deacon	3-189	**100**	**600**					**700**
Civil Maintenance Shop and Storage Building at Deacon	3-190	**500**						**500**
Deacon Reservoir Box Culvert Rehabilitation and Embankment Repairs	3-191	**800**	**1,200**					**2,000**
Deacon Booster Pumping Station Suction Header Divider Valve	3-192	**100**	**1,200**					**1,300**

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL**						
		BUDGET	**FORECAST**					**2010-2015**
		2010	**2011**	**2012**	**2013**	**2014**	**2015**	**TOTAL**
Water (continued)								
GIS Database Upgrades and Continuous Development	3-193	**100**						**100**
Foundation Drainage Improvements for Deacon Booster Pumping Station	3-194		**250**					**250**
Water Works By-law 504/73 Revision	3-195		**175**					**175**
Deacon Site Flood Protection	3-196			**500**				**500**
Tache Booster Pumping Station	3-197				**5,300**			**5,300**
Water Treatment Research and Process Optimization Facility	3-198					**750**		**750**
Branch Aqueduct Condition Assessment and Rehabilitation	3-199						**1,000**	**1,000**
Water Services Division Operations Accreditation	3-200						**500**	**500**
Watermain Renewals	3-201	**12,000**	**13,000**	**14,000**	**15,000**	**16,000**	**17,000**	**87,000**
Shoal Lake Aqueduct Asset Preservation	3-202	**600**	**700**	**1,300**			**1,000**	**3,600**
Total Water		**20,625**	**24,800**	**30,990**	**26,875**	**21,410**	**22,375**	**147,075**
Wastewater								
Water and Waste - Sewage Disposal								
Lift Stations Upgrading	3-203	**750**	**1,750**	**1,750**	**750**	**750**	**750**	**6,500**
Inflow / Infiltration / Cross-Connection Study and Mitigation	3-204					**2,000**		**2,000**
Sewer System Isolation in Areas Protected by Secondary Dikes	3-205		**500**	**1,000**	**1,000**			**2,500**
Raw Sewage Pump Replacement - NEWPCC	3-206	**2,550**	**5,450**					**8,000**
Upgrading External Power Supply - NEWPCC	3-207			**6,000**				**6,000**
Hauled Liquid Waste Acceptance Facility - Wastewater Pollution Control Centres	3-208	**2,050**	**2,800**					**4,850**
Re-Roofing at Water Pollution Control Centres	3-209		**400**		**400**		**400**	**1,200**
Centrifuge Replacement - NEWPCC	3-210			**9,500**				**9,500**
River Crossings Monitoring and Rehabilitation	3-211	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**7,800**
Asbestos Containing Materials Operations & Maintenance Program	3-212	**200**	**125**	**125**				**450**
Digester Area Upgrades - NEWPCC	3-213	**900**						**900**
Water Pollution Control Centre Reliability Upgrades	3-214		**2,500**	**2,500**	**5,000**	**5,000**	**5,000**	**20,000**
HVAC Replacement - WEWPCC	3-215	**6,000**	**6,320**					**12,320**
Traffic Safety Upgrades - NEWPCC	3-216				**2,450**			**2,450**
Holding Tanks Coating - NEWPCC	3-217				**2,550**			**2,550**
Primary Clarifier Covers - NEWPCC	3-218				**25,500**			**25,500**
Wastewater Utility Asset Management Strategy	3-219	**200**	**200**					**400**

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL** **BUDGET 2010**	**FORECAST 2011**	**2012**	**2013**	**2014**	**2015**	**2010-2015 TOTAL**
Wastewater (continued)								
Customer Information and Services System (CISS) Project - Phase 2	3-220	**1,025**						**1,025**
Cost of Service Rates Study	3-221	**150**						**150**
New Discharge Chamber - NEWPCC	3-222				**5,000**	**10,000**		**15,000**
New Surgewell - NEWPCC	3-223		**4,000**	**9,000**				**13,000**
Grit Handling Upgrades - NEWPCC	3-224		**2,400**	**4,900**	**6,600**			**13,900**
Synergen/GIS Interface	3-225	**150**						**150**
GIS Database Upgrades and Continuous Development	3-226	**100**						**100**
Main Pump Well Overhead Crane Replacement - NEWPCC	3-227	**400**						**400**
Raw Sewage Pump - WEWPCC	3-228	**3,000**						**3,000**
Cockburn & Jesse Lift Stations Upgrades to Facilitate Fort Rouge Yards Development	3-229		**2,000**	**1,000**				**3,000**
Variable Frequency Drives (VFDs) for Process Blowers - WEWPCC	3-230	**200**						**200**
Environmental Impact Statement and Public Hearings	3-231	**100**	**200**	**200**	**100**	**100**	**100**	**800**
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation	3-232	**8,000**	**9,000**	**9,000**	**10,000**	**10,000**	**10,000**	**56,000**
Biosolids - Alternative Disposal Delivery & Management System	3-233		**14,922**	**12,191**	**11,325**	**11,313**	**6,899**	**56,650**
Nutrient Removal / Expansion - SEWPCC	3-234	**64,000**						**64,000**
Nutrient Removal - NEWPCC	3-236	**21,000**	**150,000**	**150,000**	**65,000**			**386,000**
Sewer Renewal	3-237	**12,600**	**13,200**	**13,900**	**14,600**	**15,300**	**16,100**	**85,700**
Total Wastewater		**124,675**	**217,067**	**222,366**	**151,575**	**55,763**	**40,549**	**811,995**
Solid Waste Collection & Disposal								
Water and Waste - Solid Waste Disposal								
Summit Landfill Closure / Post-Closure	3-238		**400**	**400**	**400**			**1,200**
Miscellaneous Land Acquisition	3-239					**200**		**200**
Environmental Act Licence for Brady Landfill	3-240	**400**						**400**
Brady Landfill Staff Building	3-241	**100**						**100**
Landfill Cell Excavation	3-242	**2,875**				**4,500**		**7,375**
Brady Landfill Gas Capture Project	3-243	**8,900**						**8,900**
Summit Landfill Leachate Collection Assessment	3-244			**200**				**200**
Street Sweepings Recycling Program Implementation	3-245	**100**						**100**
Total Solid Waste Collection & Disposal		**12,375**	**400**	**600**	**400**	**4,700**		**18,475**
TOTAL INFRASTRUCTURE RENEWAL AND PUBLIC WORKS		**389,008**	**355,572**	**365,218**	**293,303**	**200,480**	**173,782**	**1,777,363**

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CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	FORECAST 2012	FORECAST 2013	FORECAST 2014	FORECAST 2015	2010-2015 TOTAL
PROTECTION AND COMMUNITY SERVICES								
Police Response								
Winnipeg Police Service								
Digital Recording - Interview Rooms	3-65			**523**				**523**
Police Headquarters	3-66	**5,640**		**7,611**	**8,220**	**6,556**		**28,027**
Winnipeg Police Service Communications	3-67		**7,193**					**7,193**
Wireless Emergency 911 Upgrade	3-68	**260**						**260**
Automated Fingerprint Identification System (AFIS) Replacement	3-69		**500**					**500**
Police Priority Dispatch System	3-70	**427**						**427**
Information Systems - Unified Management, Storage, and Archiving System	3-71					**593**		**593**
Mobile Laptops	3-72				**1,200**			**1,200**
Officer Mobile Video System	3-73						**1,000**	**1,000**
Furniture	3-74						**566**	**566**
Radio Upgrade for Districts 3 and 4	3-75						**500**	**500**
Computer Upgrades - Data Integrity and Protection	3-76	**492**						**492**
Computer Assisted Dispatch	3-77						**1,000**	**1,000**
Crime Analysis System/Child Exploitation Software/Crime Tracking System	3-78						**1,460**	**1,460**
Long Term Computer Upgrades	3-79						**1,526**	**1,526**
Police Building Replacement	3-80			**2,600**				**2,600**
Total Police Response		**6,819**	**7,693**	**10,734**	**9,420**	**7,149**	**6,052**	**47,867**
Fire and Rescue Response								
Fire Paramedic Service								
Facilities Replacement and Relocation Program	3-81	**2,800**		**2,700**	**2,300**	**858**	**3,000**	**11,658**
Replacement Radio System	3-83						**2,000**	**2,000**
Total Fire Paramedic Service		**2,800**		**2,700**	**2,300**	**858**	**5,000**	**13,658**

CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	FORECAST 2012	FORECAST 2013	FORECAST 2014	FORECAST 2015	2010-2015 TOTAL
Recreation								
Community Services Department								
Imaging and Document Management	3-53		250	250				500
Recreational Facility Safety & Accessibility Improvements	3-55	300		400	400	500	500	2,100
Recreation Equipment Program - New Facilities	3-57						600	600
Business Application Systems	3-58				250			250
Technology Upgrade and Replacement	3-59					250		250
Recreation Facility Replacement - Various	3-61	500	1,750				2,791	5,041
Building Services								
Community Centres - Refurbishing and Improvements	3-115	500	500	500	500	500	500	3,000
Arenas	3-116	525	525	525	525	525	525	3,150
Indoor Aquatic Facilities	3-117	650	2,450	2,530	2,530	2,530	2,530	13,220
Outdoor Aquatic Facilities	3-118	350	350	350	350	330	330	2,060
Community Facilities	3-119	200	200	200	200	200	200	1,200
Fire / Life Safety Replacement / Asbestos Abatement	3-120	225	225	225	225	225	225	1,350
UFF - Hockey Pen Light Standard Replacement	3-123	100	100	100	100	300	300	1,000
Pan Am Pool Building Envelope	3-124	1,000						1,000
North End Centennial Pool Boiler/Chimney Replacement	3-125	800						800
Recreation and Leisure Facilities	3-126	100						100
Total Recreation		5,250	6,350	5,080	5,080	5,360	8,501	35,621
Golf Services (SOA)								
Winnipeg Golf Services								
Golf Course Improvements	3-246	415	150	150				715
Total Golf Services (SOA)		415	150	150				715
Libraries								
Community Services Department								
Library Replacement - Various	3-47		5,000	3,000	3,000	2,000	3,000	16,000
Library Shelving and Furniture Replacement Program	3-48			200	200	200	200	800
Renovate and Refurbish Various Library Branches	3-52	300		300	1,000	1,000		2,600
Library Technology Upgrade and Replacement	3-54	200				500	500	1,200
Library Signage, Safety and Accessibility	3-56			200	200	200	200	800
Mobile Library Service Vehicle	3-60				300			300
Total Libraries		500	5,000	3,700	4,700	3,900	3,900	21,700

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CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	2012	2013	2014	2015	2010-2015 TOTAL
Arts, Entertainment and Culture								
Community Services Department								
Assiniboine Park Conservancy - Building Repairs and Upgrades Plan (formerly Assiniboine Park Amenities Improvements / Development)	3-63	**5,123**	**2,000**	**2,000**	**3,000**	**3,000**	**3,000**	**18,123**
Assiniboine Park Conservancy - Development Plan	3-64	**2,849**						**2,849**
Total Arts, Entertainment and Culture		**7,972**	**2,000**	**2,000**	**3,000**	**3,000**	**3,000**	**20,972**
Insect Control								
Community Services Department								
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package	3-50	**160**						**160**
Insect Control - Replace 3 Grey Street Operations Building	3-51						**1,000**	**1,000**
Insect Control - Information System	3-62						**1,250**	**1,250**
Total Insect Control		**160**					**2,250**	**2,410**
TOTAL PROTECTION AND COMMUNITY SERVICES		**23,916**	**21,193**	**24,364**	**24,500**	**20,267**	**28,703**	**142,943**
PROPERTY AND DEVELOPMENT								
Neighbourhood Revitalization								
Public Works								
City-Wide Accessibility Program	3-37	**350**	**350**	**350**	**350**	**350**	**350**	**2,100**
Community Services Department								
Community Incentive Grant Program	3-46	**2,774**	**1,508**	**1,538**	**1,569**	**1,600**	**1,632**	**10,621**
Integrated Property Based Information Systems	3-49	**250**						**250**
Planning, Property and Development								
Building Communities Initiative II	3-96	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**2,500**	**12,500**
Total Neighourhood Revitalization		**5,374**	**3,858**	**3,888**	**3,919**	**3,950**	**4,482**	**25,471**
Heritage Conservation								
Civic Accommodations								
Historic Building Stabilization	3-105	**400**		**200**	**200**	**200**	**200**	**1,200**
Total Heritage Conservation		**400**		**200**	**200**	**200**	**200**	**1,200**
Cemeteries								
Planning, Property and Development								
Cemeteries - Improvements	3-86	**550**	**300**	**200**	**200**	**200**	**260**	**1,710**
Total Cemeteries		**550**	**300**	**200**	**200**	**200**	**260**	**1,710**

CAPITAL PROJECTS SUMMARY ***SERVICED BASED VIEW*** **(in Thousands of $)**	**PAGE NO.**	**PRELIMINARY CAPITAL**						
		BUDGET	**FORECAST**					**2010-2015**
		2010	**2011**	**2012**	**2013**	**2014**	**2015**	**TOTAL**
Property Asset Management - Tax Supported								
Planning, Property and Development								
Computer Automation	3-84	**350**	**200**	**200**	**200**	**200**	**200**	**1,350**
Land Acquisition for General Unspecified Purposes	3-91	**200**	**300**	**400**	**400**	**400**	**400**	**2,100**
Total Property Asset Management - Tax Supported		**550**	**500**	**600**	**600**	**600**	**600**	**3,450**
Property Asset Management - Civic Accommodations								
Civic Accommodations								
General Building Renovation and Refurbishing	3-97	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Civic Buildings - Barrier Free Access	3-98		**300**	**300**		**230**	**100**	**930**
Removal of Asbestos	3-99	**300**	**100**	**124**	**100**	**500**	**200**	**1,324**
Roof Replacement	3-100	**800**	**200**	**200**	**250**	**400**	**400**	**2,250**
Fire Safety Upgrading - Various Locations	3-101	**500**	**200**	**200**	**200**	**400**	**300**	**1,800**
Energy Conservation	3-102	**300**		**200**		**200**	**100**	**800**
Civic Centre Car Park Tunnel	3-103			**200**				**200**
Tenant Improvement Prepayment - Major Department	3-104			**500**		**500**	**200**	**1,200**
Major Building Heating, Ventilation and Air Conditioning (HVAC) Upgrades	3-106	**900**		**200**	**500**	**500**	**500**	**2,600**
Building Envelope - Evaluation and Emergency Repair	3-107			**200**		**200**	**300**	**700**
Elevator and Escalator Repair	3-108	**800**	**400**	**200**	**300**	**300**	**400**	**2,400**
510 Main Street - Generator Set Replacement	3-109				**1,600**			**1,600**
Surface Parking Lot Repairs	3-110	**200**	**200**	**200**	**200**	**200**	**200**	**1,200**
Generator Set Replacement and Upgrades	3-111				**200**		**200**	**400**
Electrical Distribution System Upgrades	3-112				**200**		**200**	**400**
510 Main Street - Accessibility Upgrade	3-113	**1,000**						**1,000**
Campus Area Security Upgrades	3-114	**500**						**500**
Total Property Asset Management - Civic Accommodations		**5,800**	**1,900**	**3,024**	**4,050**	**3,930**	**3,600**	**22,304**
Property Asset Management - Facilities Maintenance								
Building Services								
Security / Building Automation Systems Initiatives	3-121	**125**	**125**	**125**	**125**	**225**	**225**	**950**
Building Asset / Work Management Program	3-122	**100**	**100**	**100**	**100**	**200**	**200**	**800**
Total Property Asset Management - Facilities Maintenance		**225**	**225**	**225**	**225**	**425**	**425**	**1,750**
TOTAL PROPERTY AND DEVELOPMENT		**12,899**	**6,783**	**8,137**	**9,194**	**9,305**	**9,567**	**55,885**

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CAPITAL PROJECTS SUMMARY *SERVICED BASED VIEW* (in Thousands of $)	PAGE NO.	PRELIMINARY CAPITAL BUDGET 2010	FORECAST 2011	FORECAST 2012	FORECAST 2013	FORECAST 2014	FORECAST 2015	2010-2015 TOTAL
EXECUTIVE POLICY								
Organizational Services								
Corporate Support Services								
Server Consolidation	3-133	**833**						**833**
Time and Labour	3-134	**250**						**250**
Consolidated Data Warehouse / Business Intelligence	3-135	**795**	**925**		**169**	**203**	**218**	**2,310**
E-Government	3-136		**310**	**617**	**629**	**705**	**603**	**2,864**
Communications Network Infrastructure	3-137	**553**	**638**	**643**	**277**	**641**	**566**	**3,318**
Network Computing Initiatives	3-138	**209**	**211**	**213**	**213**	**212**	**212**	**1,270**
PeopleSoft Upgrade	3-139		**1,500**	**1,000**	**200**			**2,700**
311 Renewal	3-140				**300**	**646**	**729**	**1,675**
Total Organizational Services		**2,640**	**3,584**	**2,473**	**1,788**	**2,407**	**2,328**	**15,220**
Assessment, Taxation and Corporate								
Assessment and Taxation								
Assessment Automation	3-141	**1,000**		**500**			**1,000**	**2,500**
Corporate								
Capital Investment Fund	3-143		**2,081**	**6,400**	**2,000**	**2,120**	**3,250**	**15,851**
Total Assessment, Taxation and Corporate		**1,000**	**2,081**	**6,900**	**2,000**	**2,120**	**4,250**	**18,351**
Council Services								
City Clerks								
Office Automation	3-127		**200**		**200**		**200**	**600**
Corporate Records Centre	3-128			**200**				**200**
Election Systems	3-129	**150**			**150**	**200**		**500**
Voting Machine Replacement	3-130	**250**						**250**
City Archives	3-131	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Security for Council Building	3-132	**200**						**200**
Total Council Services		**1,100**	**700**	**700**	**850**	**700**	**700**	**4,750**
TOTAL EXECUTIVE POLICY		**4,740**	**6,365**	**10,073**	**4,638**	**5,227**	**7,278**	**38,321**
TOTAL CAPITAL PROGRAM - SERVICE BASED VIEW		**430,563**	**389,913**	**407,792**	**331,635**	**235,279**	**219,330**	**2,014,512**

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The City of Winnipeg

Appendices

2010
Preliminary Capital Budget

and

2011 to 2015
Five Year Forecast

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Appendix 1: Capital Priority Rating System 5-1
Appendix 2: Cost Estimation Classification System 5-3
Appendix 3: Public Private Partnership Payments 5-5

Appendix 1: Capital Priority Rating System

The purpose of the Priority System is to provide a set of criteria by which proposed spending programs can be ranked in order of priority on a City-wide basis over the whole range of City functions and activities.

The System recognizes two basic factors, namely, priority of function (priority grouping) and degree of priority (sub-group rating).

Priority Groupings		Priority Points Main	Sub
A.	**Vital Services** 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: 1. Sewage Disposal Collection System and treatment facilities. 2. Water aqueduct reservoirs, pumping stations and trunk feedermains	5	
B.	**Essential Services** Those basic services characterized by a high degree of public necessity, convenience and safety. Capital expenditures within this group would be related to: 1. Public Transportation 2. Fire and Police Protection 3. Garbage Collection and Disposal 4. Regional Street System 5. Land Drainage	3	
C.	**Standard Services** 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: 1. Residential Street and Lane Construction (Local Improvements or other).	2	

Priority Groupings	Priority Points Main	Sub
D. Desirable Services Those services having an aesthetic social, cultural, educational or entertainment value. Capital expenditures within this group would be related to: 1. Parks and Related Facilities 2. Recreational Facilities 3. Libraries 4. Museums	1	
Sub-Group Rating		
Could cause a serious imminent disruption of service (should be done without undue delay).		4
Would extend or complete the expected usefulness and/or reliability of a facility (should not be delayed for more than 1 year).		3
Would improve a facility which is at present sub-standard or approaching a high degree of obsolescence (should not be delayed for more than 2 years)		2
Would qualify as a minimum sustaining program - desirable but not absolutely essential (could be delayed for 3 years or more).		1

Note: A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.

Appendix 2: Cost Estimation Classification System

Class 5	Typical estimate methodology is judgment and not predicted precisely. (Concept Screening)		
Level of Project Definition	0 to 2%	Expected Accuracy	High: +30% to +100% Low: -20% to -50%

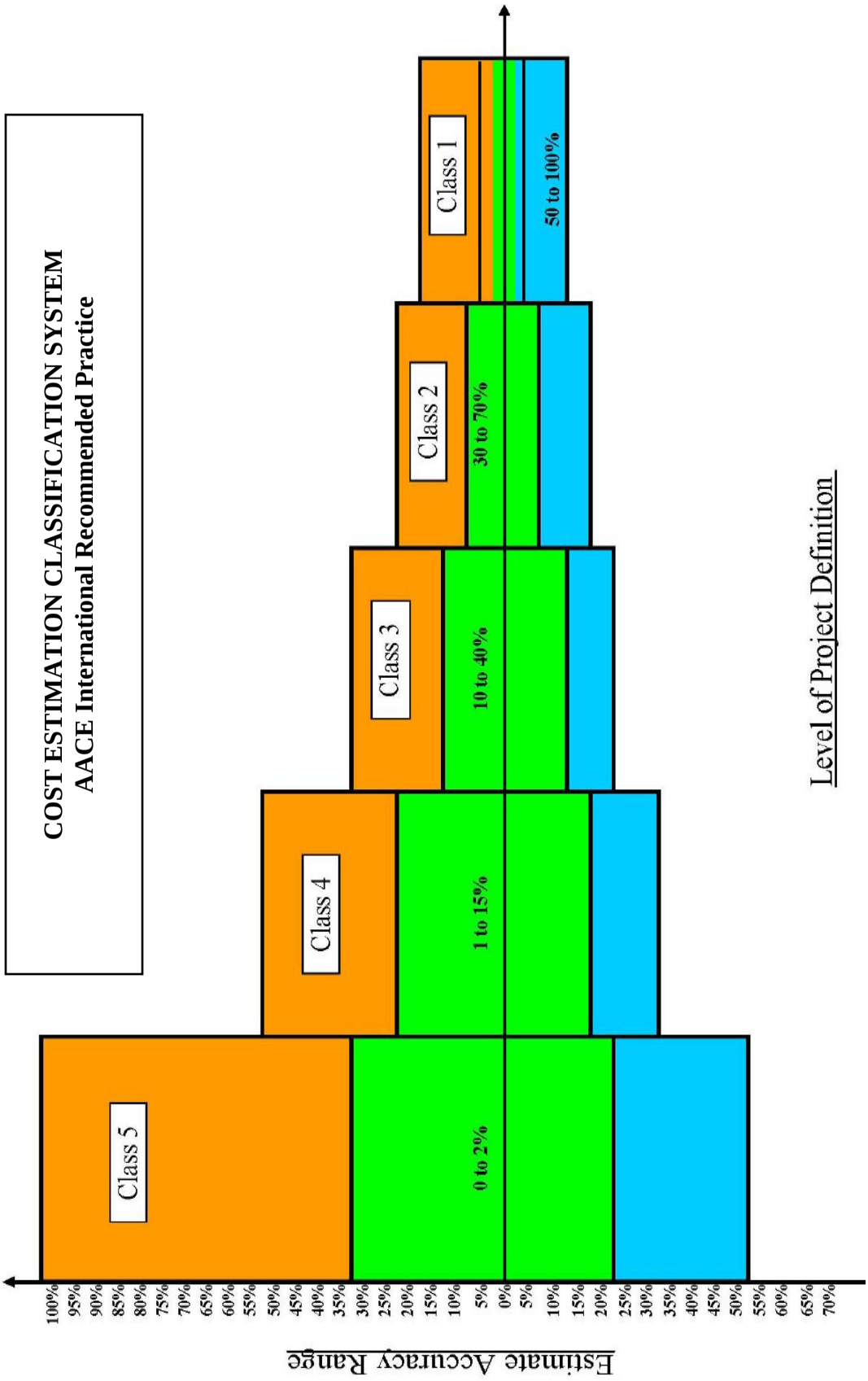
Class 4	Typical estimate methodology primarily judgment. (Concept Study or Feasibility)		
Level of Project Definition	1 to 15%	Expected Accuracy	High: +20% to +50% Low: -15% to -30%

Class 3	Typical estimate methodology is a mixture of deterministic and judgment but primarily judgmental. (Budget Authorization or Control)		
Level of Project Definition	10 to 40%	Expected Accuracy	High: +10% to +30% Low: -10% to -20%

Class 2	Typical estimate methodology is primarily deterministic. (Control or bid/tender)		
Level of Project Definition	30 to 70%	Expected Accuracy	High: +5% to +20% Low: -5% to -15%

Class 1	Typical estimate methodology is deterministic. (Check Estimate or bid / tender)		
Level of Project Definition	50 to 100%	Expected Accuracy	High: +3% to +15% Low: -3% to -10%

Based on AACE International Recommended Practice No. 17R-97 Cost Estimating Classification System


COST ESTIMATION CLASSIFICATION SYSTEM
AACE International Recommended Practice
Class 5
Class 4
Class 3
Class 2
Class 1
0 to 2%
1 to 15%
10 to 40%
30 to 70%
50 to 100%
100% 95% 90% 85% 80% 75% 70% 65% 60% 55% 50% 45% 40% 35% 30% 25% 20% 15% 10% 5% 0% 5% 10% 15% 20% 25% 30% 35% 40% 45% 50% 55% 60% 65% 70%
Estimate Accuracy Range
Level of Project Definition

Appendix 3: Public Private Partnership Payments as a Percentage of Cash to Capital/Gas Tax

(In thousands of dollars)	2010	2011	2012	2013	2014	2015
Public Private Partnership Payments:						
1 Charleswood Bridge	1,478	1,478	1,478	1,478	1,478	1,478
2 Police Building Replacement	891	891	2,067	3,374	3,374	3,374
3 Disraeli Bridge and Overpass Facility	-	19,800	19,800	19,800	19,800	19,800
4 Chief Peguis Trail - Henderson to Lagimodiere	-	5,415	5,415	5,415	5,415	5,415
Total	2,369	27,584	28,760	30,067	30,067	30,067
Less Manitoba Winnipeg Infrastructure Fund (2010 - 2019)	-	-	(6,100)	(5,000)	(5,000)	(5,000)
Net Public Private Partnership Payments	**2,369**	**27,584**	**22,660**	**25,067**	**25,067**	**25,067**
Financing Sources:						
1 Cash to Capital	65,478	67,478	69,478	71,478	73,478	75,478
2 Federal Gas Tax	40,450	40,450	40,450	40,450	40,450	40,450
Total Cash to Capital and Gas Tax:	**105,928**	**107,928**	**109,928**	**111,928**	**113,928**	**115,928**
Payments as a Percentage of Cash to Capital and Gas Tax	**2.24%**	**25.56%**	**20.61%**	**22.40%**	**22.00%**	**21.62%**

Notes:

1 Public Private Partnership Payments include Annual Service/Lease/External debt and financing charges.

2 The Province of Manitoba recently announced an additional $53.3 million over a ten-year period for roads funding to the City of Winnipeg, amending its contribution to the City under the Manitoba-Winnipeg Infrastructure Fund.

3 This analysis excludes amounts in the Capital Investment Fund.

4 Estimated amounts for planned Public Private Partnerships are subject to change based on the final procurement process.



2010 Preliminary Capital Budget