Winnipeg

2014

Preliminary Budget

Capital Project Detail

Volume 2

City of Winnipeg

2014
Preliminary Budget
Capital Project Detail
Volume 2

WINNIPEG, MANITOBA, CANADA

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Table of Contents

Capital Projects Summary ..... Section 1
Capital Project Detail ..... Section 2
Appendices ..... Section 3

Back to Table of Contents

The City of Winnipeg

CAPITAL PROJECTS SUMMARY

2014
Preliminary Capital Budget

and

2015 to 2019
Five Year Forecast

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, provincial funding amounts are not all allocated to individual capital projects. This unallocated provincial funding will offset cash to capital requirements in project budgets.

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.

Table of Contents

Summary of Capital Program 1-1

Summary of Financing Sources 1-2

Tax Supported

Public Works 1-5

Community Services 1-8

Winnipeg Police Service 1-10

Fire Paramedic Service 1-11

Planning, Property and Development 1-11

Municipal Accommodations 1-12

City Clerks 1-13

Corporate Support Services 1-14

Assessment and Taxation 1-14

Other Projects 1-14

Transit 1-15

Water and Waste 1-16

Utilities

Waterworks System 1-17

Sewage Disposal System 1-19

Solid Waste Disposal System 1-21

Special Operating Agencies

Winnipeg Golf Services 1-21

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						6 YEAR TOTAL
	BUDGET	FORECAST					
	2014	2015	2016	2017	2018	2019	2014-2019
SUMMARY OF CAPITAL PROGRAM							
Public Works	**138,416**	**99,810**	**99,217**	**106,421**	**113,973**	**114,650**	**672,487**
Water and Waste	**4,798**	**6,150**	**5,558**	**7,050**	**6,750**	**5,561**	**35,867**
Community Services and Community Incentive Grants	**25,022**	**24,083**	**15,891**	**22,045**	**22,833**	**19,855**	**129,729**
Winnipeg Police Service	**4,464**	**5,476**	**8,578**	**20,823**	**5,872**	**5,151**	**50,364**
Fire Paramedic Service		**2,892**	**7,120**	**1,268**	**3,225**	**6,339**	**20,844**
Planning, Property and Development	**6,430**	**5,555**	**6,000**	**5,933**	**5,768**	**7,534**	**37,220**
City Clerks	**2,450**	**750**	**750**	**1,100**	**450**		**5,500**
Corporate Support Services	**2,386**	**2,637**	**2,198**	**5,370**	**2,831**	**2,015**	**17,437**
Assessment and Taxation	**2,000**	**2,750**	**2,500**	**2,350**	**2,320**	**2,350**	**14,270**
Other Projects	**250**						**250**
Sub-Total Tax Supported General	**186,216**	**150,103**	**147,812**	**172,360**	**164,022**	**163,455**	**983,968**
Municipal Accommodations	**11,929**	**14,014**	**8,821**	**9,198**	**9,037**	**8,849**	**61,848**
Transit	**31,782**	**42,976**	**155,737**	**29,457**	**30,395**	**33,872**	**324,219**
Total Tax Supported Including Transit and Municipal Accommodations	**229,927**	**207,093**	**312,370**	**211,015**	**203,454**	**206,176**	**1,370,035**
UTILITIES							
Waterworks System	**32,655**	**43,655**	**28,100**	**23,850**	**21,790**	**21,765**	**171,815**
Sewage Disposal System	**109,274**	**218,380**	**282,480**	**256,505**	**153,146**	**87,730**	**1,107,515**
Solid Waste Disposal System	**7,219**	**7,074**	**18,338**	**1,850**	**1,809**	**1,794**	**38,084**
Total Utilities	**149,148**	**269,109**	**328,918**	**282,205**	**176,745**	**111,289**	**1,317,414**
SPECIAL OPERATING AGENCIES							
Winnipeg Golf Services							
Total Special Operating Agencies							
TOTAL CAPITAL PROGRAM	**379,075**	**476,202**	**641,288**	**493,220**	**380,199**	**317,465**	**2,687,449**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						6 YEAR TOTAL
	BUDGET	FORECAST					
	2014	2015	2016	2017	2018	2019	2014-2019
SUMMARY OF FINANCING SOURCES							
Cash to Capital	75,478	77,478	79,478	81,478	83,478	85,478	482,868
Public Private Partnership Annual Service / Financing Payments	(28,083)	(28,053)	(28,018)	(27,978)	(27,970)	(24,704)	(164,806)
Reserves:							
- Transit Bus Replacement	6,279	7,136	8,688	9,852	9,852	9,863	51,670
- Watermain Renewal	16,000	17,000	17,000	17,500	17,500	18,000	103,000
- Sewer System Rehabilitation	26,300	26,100	26,900	27,800	28,200	30,300	165,600
- Environmental Projects	17,206	22,868	23,548	19,222	13,810	13,010	109,664
- Waste Diversion	453	495	330	342	301	294	2,215
- Land Operating	4,286	965	20,382	965	965	965	28,528
- Contributions in Lieu of Land Dedication	50						50
- Local Street Renewal	8,211	12,416	16,965	21,665	26,365	31,065	116,687
- Regional Street Renewal	4,325	4,036	4,036	4,036	4,036	4,036	24,505
- Golf Course	23	23					46
- Economic Development Investment	700	1,100	1,600	2,100	3,730	3,467	12,697
Interim Financing (Repayment)	(3,321)		(19,417)				(22,738)
Contributions from Other Levels of Government:							
- Federal Gas Tax	40,450	40,450	40,450	40,450	40,450	40,450	242,700
- Veterans Affairs Canada	150	150	150	150	150	150	900
- Other Provincial Funding	37,316	32,916	40,416	38,166	36,666	36,666	222,146
- Manitoba Winnipeg Infrastructure Fund - Extension	5,000	5,000	5,000	5,000	5,000	5,000	30,000
- Building Manitoba Fund	17,840	22,840	10,840	10,840	10,840	10,840	84,040
- Provincial Funding for Dutch Elm Disease Strategy	1,300	1,300	1,300	1,300	1,300	1,300	7,800
Other Funders:							
- Developer Funding / Developer Capacity Charges	1,372	500	500	500	500		3,372
- Winnipeg Library Foundation		2,500					2,500
Retained Earnings - Transit	3,200						3,200
Retained Earnings - Utilities	83,863	102,882	67,565	32,451	10,698	11,685	309,144
Debt	50,904	126,100	323,575	207,381	114,328	39,600	861,888
Transfers from Other Capital Accounts / Surplus Capital	9,773						9,773
TOTAL FINANCING SOURCES	379,075	476,202	641,288	493,220	380,199	317,465	2,687,449

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						6 YEAR TOTAL
	BUDGET	FORECAST					
	2014	2015	2016	2017	2018	2019	2014-2019
FINANCING SOURCES							
TAX SUPPORTED							
Cash to Capital	**75,501**	**77,501**	**79,478**	**81,478**	**83,478**	**85,478**	**482,914**
Public Private Partnership Annual Service / Financing Payments	**(28,083)**	**(28,053)**	**(28,018)**	**(27,978)**	**(27,970)**	**(24,704)**	**(164,806)**
Reserves:							
- Transit Bus Replacement	**6,279**	**7,136**	**8,688**	**9,852**	**9,852**	**9,863**	**51,670**
- Economic Development Investment	**700**	**1,100**	**1,600**	**2,100**	**3,730**	**3,467**	**12,697**
- Land Operating	**4,286**	**965**	**20,382**	**965**	**965**	**965**	**28,528**
- Contributions in Lieu of Land Dedication	**50**						**50**
- Local Street Renewal	**8,211**	**12,416**	**16,965**	**21,665**	**26,365**	**31,065**	**116,687**
- Regional Street Renewal	**4,325**	**4,036**	**4,036**	**4,036**	**4,036**	**4,036**	**24,505**
Interim Financing (Repayment)	**(3,321)**		**(19,417)**				**(22,738)**
Contributions from Other Levels of Government:							
- Federal Gas Tax	**40,450**	**40,450**	**40,450**	**40,450**	**40,450**	**40,450**	**242,700**
- Veterans Affairs Canada	**150**	**150**	**150**	**150**	**150**	**150**	**900**
- Other Provincial Funding	**37,316**	**32,916**	**40,416**	**38,166**	**36,666**	**36,666**	**222,146**
- Manitoba Winnipeg Infrastructure Fund - Extension	**5,000**	**5,000**	**5,000**	**5,000**	**5,000**	**5,000**	**30,000**
- Building Manitoba Fund	**17,840**	**22,840**	**10,840**	**10,840**	**10,840**	**10,840**	**84,040**
- Provincial Funding for Dutch Elm Disease Strategy	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**7,800**
Other Funders:							
- Developer Funding / Developer Capacity Charges	**1,372**	**500**	**500**	**500**	**500**		**3,372**
- Winnipeg Library Foundation		**2,500**					**2,500**
Debt	**45,578**	**26,336**	**130,000**	**22,491**	**8,092**	**1,600**	**234,097**
Retained Earnings - Transit	**3,200**						**3,200**
Transfers from Other Capital Accounts / Surplus Capital	**9,773**						**9,773**
Total Tax Supported Including Transit and Municipal Accommodations	**229,927**	**207,093**	**312,370**	**211,015**	**203,454**	**206,176**	**1,370,035**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	PRELIMINARY CAPITAL						6 YEAR TOTAL
	BUDGET	FORECAST					
	2014	2015	2016	2017	2018	2019	2014-2019
UTILITIES							
Reserves:							
- Sewer System Rehabilitation	**26,300**	**26,100**	**26,900**	**27,800**	**28,200**	**30,300**	**165,600**
- Watermain Renewal	**16,000**	**17,000**	**17,000**	**17,500**	**17,500**	**18,000**	**103,000**
- Environmental Projects	**17,206**	**22,868**	**23,548**	**19,222**	**13,810**	**13,010**	**109,664**
- Waste Diversion	**453**	**495**	**330**	**342**	**301**	**294**	**2,215**
Retained Earnings - Utilities	**83,863**	**102,882**	**67,565**	**32,451**	**10,698**	**11,685**	**309,144**
Debt	**5,326**	**99,764**	**193,575**	**184,890**	**106,236**	**38,000**	**627,791**
TOTAL UTILITIES	**149,148**	**269,109**	**328,918**	**282,205**	**176,745**	**111,289**	**1,317,414**
SPECIAL OPERATING AGENCIES							
- Cash to Capital	**(23)**	**(23)**					**(46)**
- Golf Course Reserve	**23**	**23**					**46**
TOTAL SPECIAL OPERATING AGENCIES							
TOTAL FINANCING SOURCES	**379,075**	**476,202**	**641,288**	**493,220**	**380,199**	**317,465**	**2,687,449**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
CAPITAL PROJECTS LISTING								
PUBLIC WORKS								
Active Transportation Facilities								
Recreational Walkways and Bike Paths - Various Locations	2-1	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
New Regional Sidewalks	2-3	**250**	**250**	**250**	**250**	**250**	**250**	**1,500**
Active Transportation Corridors	2-4	**1,000**	**500**	**500**	**500**	**500**	**500**	**3,500**
Total Active Transportation Facilities		**1,750**	**1,250**	**1,250**	**1,250**	**1,250**	**1,250**	**8,000**
Regional Streets								
Street Improvements								
Developer Payback - Various Locations	2-5	**127**	**3,000**		**7,000**			**10,127**
Tuxedo Yards Development - Economic Development Investment Reserve	2-6	**700**	**1,100**	**1,600**	**2,100**	**3,730**	**3,467**	**12,697**
Transportation Master Plan	2-7	**250**	**250**	**250**	**250**	**250**	**250**	**1,500**
Traffic Signals Improvements	2-8	**1,030**	**1,030**	**1,030**	**1,030**	**1,030**	**1,030**	**6,180**
Traffic Engineering Improvements - Various Locations	2-9	**1,100**	**1,100**	**1,100**	**1,100**	**1,100**	**1,100**	**6,600**
Almey Avenue at Ravelston Avenue West - Closing	2-10	**200**						**200**
Kenaston Boulevard - Ness Avenue to Taylor Avenue	2-11	**100**	**100**	**100**	**3,345**	**100**	**2,263**	**6,008**
Panet Rd / Molson St Twinning - Munroe Ave to Grassie Blvd								
- Cash to Capital		**1,728**						**1,728**
- Developer Funding		**872**						**872**
Total Panet Rd / Molson St Twinning - Munroe Ave to Grassie Blvd	2-12	**2,600**						**2,600**
Marion Street Widening / Grade Separation and Improvements - Rue Archibald to Lagimodiere Boulevard	2-13		**5,200**					**5,200**
Polo Park - Infrastructure Improvements - Other Provincial Funding	2-14	**10,000**						**10,000**
Total Street Improvements		**16,107**	**11,780**	**4,080**	**14,825**	**6,210**	**8,110**	**61,112**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Regional and Local Street Renewal								
- Cash to Capital		**8,024**	**21,365**	**23,893**	**29,127**	**24,919**	**34,146**	**141,474**
- Federal Gas Tax		**10,605**	**10,675**	**10,755**	**10,830**	**10,905**	**14,255**	**68,025**
- Provincial Building Manitoba Fund - Roads		**14,000**	**14,000**	**7,000**	**7,000**	**7,000**	**7,000**	**56,000**
- Local Street Renewal Reserve		**8,211**	**12,416**	**16,965**	**21,665**	**26,365**	**31,065**	**116,687**
- Regional Street Renewal Reserve		**4,325**	**4,036**	**4,036**	**4,036**	**4,036**	**4,036**	**24,505**
- External Debt		**33,495**	**9,176**	**900**				**43,571**
- Transfer from Prior Years' Surplus - Federal Gas Tax		**2,377**						**2,377**
- Transfer from 2013 Regional and Local Street Renewal		**3,150**						**3,150**
Total Regional and Local Street Renewal	2-15	**84,187**	**71,668**	**63,549**	**72,658**	**73,225**	**90,502**	**455,789**
Waterway Crossings and Grade Separations								
Louise Bridge (Red River)								
- Cash to Capital		**881**		**1,000**				**1,881**
- Provincial Funding for Road Improvements		**1,200**		**1,000**				**2,200**
Total Louise Bridge (Red River)	2-20	**2,081**		**2,000**				**4,081**
CPR Yards Functional Crossing Study - between McPhillips Street and Main Street	2-21				**2,000**			**2,000**
Fermor Avenue Bridge (Seine River)	2-22			**500**	**700**	**6,800**		**8,000**
Saskatchewan Avenue Culvert (Sturgeon Creek)	2-23			**1,000**	**1,000**	**8,000**		**10,000**
Pembina Highway Underpass	2-24					**6,000**		**6,000**
St. James Street Bridge (Omand's Creek)								
- Cash to Capital		**1,011**						**1,011**
- Provincial Funding for Road Improvements		**950**						**950**
Total St. James Street Bridge (Omand's Creek)	2-25	**1,961**						**1,961**
Ness Avenue Culvert (Sturgeon Creek)								
- Cash to Capital		**500**	**1,000**	**7,000**				**8,500**
- Provincial Funding for Road Improvements		**500**	**1,000**	**4,000**				**5,500**
Total Ness Avenue Culvert (Sturgeon Creek)	2-26	**1,000**	**2,000**	**11,000**				**14,000**
Portage Avenue Bridge (Sturgeon Creek)								
- Cash to Capital		**2,000**						**2,000**
- Provincial Funding for Road Improvements		**2,500**						**2,500**
Total Portage Avenue Bridge (Sturgeon Creek)	2-27	**4,500**						**4,500**
Saskatchewan Avenue Bridge (Omand's Creek)								
- Cash to Capital			**450**	**1,300**				**1,750**
- Provincial Funding for Road Improvements			**250**	**1,000**				**1,250**
Total Saskatchewan Avenue Bridge (Omand's Creek)	2-28		**700**	**2,300**				**3,000**
Lyndale Drive - Retaining Wall Rehabilitation								
- Cash to Capital			**250**	**250**	**1,500**			**2,000**
- Provincial Funding for Road Improvements			**250**	**250**	**1,500**			**2,000**
Total Lyndale Drive - Retaining Wall Rehabilitation	2-29		**500**	**500**	**3,000**			**4,000**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Osborne Street Underpass								
- Cash to Capital							1,250	1,250
- Provincial Funding for Road Improvements							1,250	1,250
Total Osborne Street Underpass	2-30						2,500	2,500
Dublin Avenue Bridge (Omand's Creek)	2-31					500	500	1,000
Sherwin Road Bridge (Omand's Creek)	2-32						700	700
Waterway Crossing and Grade Separations - Annual Program	2-33	2,000	3,000	3,000	3,000	3,000	3,000	17,000
Disraeli Bridge and Overpass Facility								
- Federal Gas Tax		18,550	18,480	18,400	18,325	18,250	14,900	106,905
- Public Private Partnership Annual Service / Financing Payments		(11,759)	(11,814)	(11,859)	(11,909)	(11,959)	(11,993)	(71,293)
- Debt servicing - repayment of debt		(6,791)	(6,666)	(6,541)	(6,416)	(6,291)	(2,907)	(35,612)
Total Disraeli Bridge and Overpass Facility	2-34							
Charleswood Bridge								
- Cash to Capital		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	2-36							
Total Waterway Crossings and Grade Separations		11,542	6,200	20,300	9,700	24,300	6,700	78,742
New Transportation Facilities								
Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard								
- Cash to Capital		1,650	1,690	1,735	1,770	1,815	1,855	10,515
- Federal Gas Tax		5,415	5,415	5,415	5,415	5,415	5,415	32,490
- Public Private Partnership Annual Service / Financing Payments		(6,086)	(6,126)	(6,171)	(6,206)	(6,251)	(6,291)	(37,131)
- Debt servicing - repayment of debt		(979)	(979)	(979)	(979)	(979)	(979)	(5,874)
- Transfer from Prior Year Authorization (2007 Chief Peguis Trail)		2,000						2,000
Total Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard	2-37	2,000						2,000
Chief Peguis Trail - Main Street to Route 90	2-39	1,500						1,500
William Clement Parkway - Grant Avenue to Wilkes Avenue	2-40	800						800
Waverley West Arterial Roads Project								
- Cash to Capital		697						697
- External Debt		5,000						5,000
Total Waverley West Arterial Roads Project	2-41	5,697						5,697
Total New Transportation Facilities		9,997						9,997

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Other Streets Projects								
Asset Management System - Various Divisions	2-43	405			100	100	100	705
Land Drainage Sewers - Regional / Local Streets	2-44	300	300	300	300	300	300	1,800
Land Acquisition - Transportation Right of Way	2-45	300	300	300	300	300	300	1,800
Total Other Streets Projects		1,005	600	600	700	700	700	4,305
TOTAL STREETS PROJECTS		124,588	91,498	89,779	99,133	105,685	107,262	617,945
Parks and Open Space								
Reforestation - Improvements	2-46	1,000	383	383	383	383	383	2,915
Athletic Fields - Improvements	2-47	1,000	124	200	200	200	200	1,924
Parks - Improvements	2-48	653	655	655	655	655	655	3,928
Regional and Community Parks - Buildings	2-49	2,000		2,150			100	4,250
Burton Cummings Community Centre - Fitness Trail	2-50	125						125
Hardsurface Upgrading	2-51	150		150	150	150	150	750
Parks and Recreation Enhancement Program	2-52	6,300	3,300	3,300	3,300	3,300	3,300	22,800
Insect Control - Information System	2-53		1,250					1,250
Insect Control - Replace 3 Grey Street Operations Building	2-54					1,000		1,000
Dutch Elm Disease Strategy								
- Cash to Capital		1,300	1,300	1,300	1,300	1,300	1,300	7,800
- Provincial Funding for DED Strategy		1,300	1,300	1,300	1,300	1,300	1,300	7,800
Total Dutch Elm Disease Strategy	2-55	2,600	2,600	2,600	2,600	2,600	2,600	15,600
Total Parks and Open Space		13,828	8,312	9,438	7,288	8,288	7,388	54,542
TOTAL PUBLIC WORKS		138,416	99,810	99,217	106,421	113,973	114,650	672,487
COMMUNITY SERVICES								
Community Incentive Grant Program	2-56	1,600	1,632	1,665	1,698	1,732	1,767	10,094
Library Interior Infrastructure Replacement Program	2-57	200	200	200	300	306	312	1,518
Library Facility Redevelopment - Transcona Library								
- External Debt	2-58	5,383						5,383
Library Facility Redevelopment - River Heights Library								
- External Debt	2-59	100	5,560					5,660
Library Facility Redevelopment - Westwood Library								
- Cash to Capital		100						100
- External Debt					1,468			1,468
Total Library Facility Redevelopment - Westwood Library	2-60	100			1,468			1,568

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Library Facility Redevelopment - St. James Library								
- External Debt	2-62					**6,492**		**6,492**
Library Refurbishment and Redevelopment Program - Existing Infrastructure	2-63			**500**	**500**	**510**	**520**	**2,030**
Library Refurbishment and Redevelopment Program - Existing Infrastructure: Cornish Library								
- Cash to Capital		**250**	**1,000**					**1,250**
- Winnipeg Library Foundation			**1,250**					**1,250**
Total Library Refurbishment and Redevelopment Program - Existing Infrastructure: Cornish Library	2-64	**250**	**2,250**					**2,500**
Library Refurbishment and Redevelopment Program - Existing Infrastructure: St. John's Library								
- Cash to Capital		**250**	**1,000**					**1,250**
- Winnipeg Library Foundation			**1,250**					**1,250**
Total Library Refurbishment and Redevelopment Program - Existing Infrastructure: St. John's Library	2-65	**250**	**2,250**					**2,500**
Library Technology Upgrade and Replacement Program	2-66	**500**	**500**	**500**	**500**	**510**	**520**	**3,030**
Recreational Facility Safety and Accessibility Improvements Program	2-67	**500**	**500**	**600**	**600**	**612**	**624**	**3,436**
Library Facility Safety and Accessibility Improvements Program	2-68	**200**	**200**	**200**	**200**	**204**	**208**	**1,212**
Business Application Systems	2-69				**250**	**306**	**312**	**868**
Recreation Equipment Program	2-70		**400**		**400**		**400**	**1,200**
Technology Upgrade and Replacement Program	2-71	**250**				**306**		**556**
Recreation Facility Replacement - New Infrastructure	2-72	**350**			**7,301**		**3,276**	**10,927**
Recreation Refurbishment and Redevelopment Program - Existing Infrastructure	2-73			**1,500**		**1,040**	**1,040**	**3,580**
Community Centre Renovation Grant Program (CCReno)								
- Land Operating Reserve	2-74	**965**	**965**	**965**	**965**	**965**	**965**	**5,790**
Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability - First charge on 2014 Capital Budget of up to $3.123 million (Council April 24, 2013)	2-75	**5,123**	**5,123**	**5,123**	**5,123**	**5,123**	**5,123**	**30,738**
Assiniboine Park Conservancy (APC) - Capital Development Plan - First charge on 2014 Capital Budget of up to $4.5 million (Council January 29, 2013)	2-76	**9,251**	**4,503**	**4,638**	**2,740**	**4,727**	**4,788**	**30,647**
TOTAL COMMUNITY SERVICES		**25,022**	**24,083**	**15,891**	**22,045**	**22,833**	**19,855**	**129,729**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
WINNIPEG POLICE SERVICE								
Automated Fingerprint Identification System (AFIS)								
- Cash to Capital							500	500
- Transfer from Prior Authorization (2012 Winnipeg Police Service Communications Systems)		321						321
Total Automated Fingerprint Identification System (AFIS)	2-77	321					500	821
Officer Mobile Video System	2-78				1,000			1,000
Trunk Radio System	2-79		2,000	5,280				7,280
Radio Upgrade for Districts 3 and 4	2-80			490				490
Police Divisions Systems Upgrades	2-81	3,743	2,986	1,400				8,129
North Station Information Technology Requirements	2-83		490					490
East District Police Station								
- Cash to Capital		990	990	990	990	1,012	1,056	6,028
- Public Private Partnership Lease Payments		(990)	(990)	(990)	(990)	(1,012)	(1,056)	(6,028)
Total East District Police Station	2-84							
North District Police Station								
- External Debt	2-85				19,423			19,423
Winnipeg Police Headquarters Redevelopment								
- Interim Financing from General Capital Fund (Repayment)				(18,967)				(18,967)
- Land Operating Reserve				18,967				18,967
Total Winnipeg Police Headquarters Redevelopment	2-86							
Building Video Surveillance Systems	2-88					4,160		4,160
Communication Centre Back Up Site Upgrade	2-89				400			400
Security and Card Access	2-90	400						400
Mobile and Transient Users	2-91			250				250
Intelligence Led Reporting (Phase 2)	2-92					1,050		1,050
Major Case Management System Expansion	2-93			1,158			500	1,658
WPS Data Integration, Auditing and Quality Solution Tool	2-94					662		662
Bomb Unit Building	2-95						651	651
In Car Computing	2-96						1,200	1,200
Next Generation 911	2-97						800	800
Bomb Unit Truck Replacement	2-98						300	300
Technology Upgrades - Information Systems	2-99						1,200	1,200
TOTAL WINNIPEG POLICE SERVICE		4,464	5,476	8,578	20,823	5,872	5,151	50,364

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
FIRE PARAMEDIC SERVICE								
Facilities Replacement and Relocation Program	2-100		892	3,120	116	1,217	6,339	11,684
Replacement Radio System	2-101		2,000	4,000				6,000
Addition and Renovation to Fire Paramedic Station #8 - 640 Kimberly Avenue	2-102				1,152	2,008		3,160
TOTAL FIRE PARAMEDIC SERVICE			2,892	7,120	1,268	3,225	6,339	20,844
PLANNING, PROPERTY AND DEVELOPMENT								
Computer Automation	2-103	200		200	120	144	133	797
Riverbank Greenway Programs	2-104	200	600	443	405	406	411	2,465
Cemeteries - Improvements								
- Cash to Capital		200	260	232	258	250	240	1,440
- Veterans Affairs Canada		150	150	150	150	150	150	900
Total Cemeteries - Improvements	2-105	350	410	382	408	400	390	2,340
Downtown Enhancement Program	2-106	400	400	400	400	400	400	2,400
BIZ Zones, Image Routes and Neighbourhood Main Streets (formerly Community Image and Neighborhood Main Streets)	2-107	400	400	400	400	400	400	2,400
Public Art Strategy	2-108	500	500	500	500	500	500	3,000
Land Acquisition for General Unspecified Purposes	2-109		300	300	300	240	228	1,368
Developer Payback	2-110	380	245	275	280	278	292	1,750
Tache Promenade	2-111	200						200
Riverbank Stabilization - Physical Asset Protection	2-112	600	1,400	1,000	1,000	1,000	1,000	6,000
Building Communities Initiative II, Phase Two								
- Cash to Capital		1,600	650					2,250
- Other Provincial Funding		1,600	650					2,250
Total Building Communities Initiative II, Phase Two	2-114	3,200	1,300					4,500
Building Communities Initiative III								
- Cash to Capital				1,050	1,060	1,000	1,890	5,000
- Other Provincial Funding				1,050	1,060	1,000	1,890	5,000
Total Building Communities Initiative III	2-115			2,100	2,120	2,000	3,780	10,000
TOTAL PLANNING, PROPERTY AND DEVELOPMENT		6,430	5,555	6,000	5,933	5,768	7,534	37,220

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	PRELIMINARY CAPITAL FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
MUNICIPAL ACCOMMODATIONS								
General Building Renovation and Refurbishing	2-116	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Accommodation Facilities	2-117	**1,730**	**2,100**	**1,239**	**2,251**	**1,994**	**1,863**	**11,177**
Fire / Life Safety / Regulatory Upgrades	2-118	**1,014**	**725**	**625**	**710**	**720**	**759**	**4,553**
Energy Conservation	2-119	**300**	**100**	**100**	**150**	**140**	**158**	**948**
Tenant Improvement Prepayment - Major Department	2-120		**200**	**200**	**180**	**193**	**155**	**928**
Historic Buildings	2-121	**200**	**200**	**200**	**200**	**270**	**214**	**1,284**
Generator Set Replacement and Upgrades	2-122		**200**		**200**	**167**	**113**	**680**
Security / Building Automation System Initiatives	2-123	**225**	**225**	**140**	**188**	**201**	**196**	**1,175**
Community Centres - Refurbishing and Improvements								
- Cash to Capital		**350**	**350**	**400**	**420**	**644**	**673**	**2,837**
- Other Provincial Funding		**350**	**350**	**300**	**200**			**1,200**
Total Community Centres - Refurbishing and Improvements	2-124	**700**	**700**	**700**	**620**	**644**	**673**	**4,037**
Arenas								
- Cash to Capital		**363**	**463**	**300**	**300**	**525**	**525**	**2,476**
- Other Provincial Funding		**262**	**262**	**225**	**225**			**974**
- Transfer from Corporate Non-specified Capital Account		**1,500**						**1,500**
Total Arenas	2-125	**2,125**	**725**	**525**	**525**	**525**	**525**	**4,950**
Indoor Aquatic Facilities								
- Cash to Capital		**525**	**880**	**880**	**1,280**	**2,470**	**2,518**	**8,553**
- Other Provincial Funding		**525**	**880**	**880**	**1,250**			**3,535**
Total Indoor Aquatic Facilities	2-126	**1,050**	**1,760**	**1,760**	**2,530**	**2,470**	**2,518**	**12,088**
Pan Am Pool - Boiler System Replacement								
- Cash to Capital		**415**	**400**	**400**				**1,215**
- Other Provincial Funding		**415**	**370**	**370**				**1,155**
Total Pan Am Pool - Boiler System Replacement	2-127	**830**	**770**	**770**				**2,370**
Seven Oaks Pool - Parking Lot Upgrade								
- Cash to Capital		**340**						**340**
- Other Provincial Funding		**310**						**310**
Total Seven Oaks Pool - Parking Lot Upgrade	2-128	**650**						**650**
Seven Oaks Indoor Pool - Renewal Plan	2-129		**3,729**					**3,729**
Outdoor Aquatic Facilities								
- Cash to Capital		**155**	**155**	**175**	**217**	**340**	**338**	**1,380**
- Other Provincial Funding		**175**	**175**	**175**	**125**			**650**
Total Outdoor Aquatic Facilities	2-130	**330**	**330**	**350**	**342**	**340**	**338**	**2,030**
Community Facilities	2-131	**200**	**200**	**200**	**200**	**260**	**212**	**1,272**
Building Asset / Work Management Program	2-132	**200**	**200**	**162**	**152**	**163**	**175**	**1,052**
UFF - Hockey Pen Light Standard Replacement	2-133	**100**	**100**	**100**	**100**	**100**	**100**	**600**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
City-Wide Accessibility Program	2-134	350	350	350	350	350	350	2,100
Transcona Centennial Pool	2-135	300						300
Daniel McIntyre Recreation Initiative	2-136	600						600
St. James Civic Centre	2-137		900	900				1,800
Valley Gardens Community Club - Splash Pad	2-138	100						100
Machray Park - Splash Pad								
- Cash to Capital		375						375
- Land Dedication Reserve		50						50
Total Machray Park - Splash Pad	2-139	425						425
East Yard Complex Development								
- Interim Financing from Land Operating Reserve (Repayment)		(3,321)		(450)				(3,771)
- Land Operating Reserve		3,321		450				3,771
Total East Yard Complex Development	2-140							
TOTAL MUNICIPAL ACCOMMODATIONS		11,929	14,014	8,821	9,198	9,037	8,849	61,848
CITY CLERKS								
Corporate Records Centre	2-141				150			150
Election Systems	2-142	200			200	200		600
City Archives	2-143	1,500						1,500
Decision Making Information System (DMIS) Upgrades / Replacement	2-144					250		250
2017 Canada Summer Games	2-145	750	750	750	750			3,000
TOTAL CITY CLERKS		2,450	750	750	1,100	450		5,500

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	FORECAST 2016	FORECAST 2017	FORECAST 2018	FORECAST 2019	6 YEAR TOTAL 2014-2019
CORPORATE SUPPORT SERVICES								
PeopleSoft	2-146	395	100	100	2,400	1,000	350	4,345
Communications Network Infrastructure	2-147	500	275	375	525	230	381	2,286
Enterprise Computing Initiatives	2-148	117	1,115	585	844	801	539	4,001
E-Government	2-149	50	50	200	125	150	100	675
Data Warehouse / Business Intelligence								
- Cash to Capital		153	218	203	149	150	175	1,048
- Transfer from 2011 Data Warehouse / Business Intelligence		425						425
Total Data Warehouse / Business Intelligence	2-150	578	218	203	149	150	175	1,473
311 Renewal	2-151	346	354	335	352	450	370	2,207
Teraspan Fibre Ring Renewal	2-152			400	800			1,200
Infrastructure Service Enhancements	2-153	100	250		125	50	100	625
Document Management	2-154	300	275		50			625
TOTAL CORPORATE SUPPORT SERVICES		2,386	2,637	2,198	5,370	2,831	2,015	17,437
ASSESSMENT AND TAXATION								
Assessment Automation	2-155		750	500	350	320	350	2,270
Local Improvements - Ongoing Program								
- Cash to Capital		400	400	400	400	400	400	2,400
- External Debt		1,600	1,600	1,600	1,600	1,600	1,600	9,600
Total Local Improvements - Ongoing Program	2-156	2,000	2,000	2,000	2,000	2,000	2,000	12,000
TOTAL ASSESSMENT AND TAXATION		2,000	2,750	2,500	2,350	2,320	2,350	14,270
OTHER PROJECTS								
PeopleSoft Accounts Receivable and Billing	2-157	250						250

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
TRANSIT								
Innovative Transit Program	2-158	**800**	**800**	**1,000**	**1,000**	**1,000**	**1,000**	**5,600**
Transit Building Replacement / Refurbishment								
- Cash to Capital		**4,226**	**4,934**	**4,500**	**4,573**	**4,506**	**7,036**	**29,775**
- Retained Earnings		**2,200**						**2,200**
- Federal Gas Tax		**1,132**						**1,132**
- Other Provincial Funding		**7,557**	**4,935**					**12,492**
Total Transit Building Replacement / Refurbishment	2-159	**15,115**	**9,869**	**4,500**	**4,573**	**4,506**	**7,036**	**45,599**
Transit Buses								
- Cash to Capital			**451**	**4,329**	**4,312**	**5,317**	**6,253**	**20,662**
- Transit Bus Replacement Reserve		**6,279**	**7,136**	**8,688**	**9,852**	**9,852**	**9,863**	**51,670**
- Provincial Building Manitoba Fund		**3,840**	**3,840**	**3,840**	**3,840**	**3,840**	**3,840**	**23,040**
- Federal Gas Tax		**4,748**	**5,880**	**5,880**	**5,880**	**5,880**	**5,880**	**34,148**
- Retained Earnings		**500**						**500**
Total Transit Buses	2-160	**15,367**	**17,307**	**22,737**	**23,884**	**24,889**	**25,836**	**130,020**
Southwest Rapid Transit Corridor - Stage 2								
- External Debt			**10,000**	**127,500**				**137,500**
- Provincial Building Manitoba Fund			**5,000**					**5,000**
Total Southwest Rapid Transit Corridor - Stage 2	2-161		**15,000**	**127,500**				**142,500**
Fuel Storage Expansion								
- Retained Earnings	2-163	**500**						**500**
TOTAL TRANSIT		**31,782**	**42,976**	**155,737**	**29,457**	**30,395**	**33,872**	**324,219**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
WATER AND WASTE - TAX SUPPORTED								
Land Drainage and Flood Control								
Financed by Cash to Capital:								
Stormwater Retention Basin Rehabilitation	2-164	**50**	**200**	**200**	**600**	**600**	**600**	**2,250**
Flood Pumping Station Rehabilitation	2-165	**850**	**1,500**	**1,000**	**1,000**	**1,000**	**1,000**	**6,350**
Land Drainage and Combined Sewers Outfall Gate Structures	2-166	**700**	**1,700**	**1,800**	**1,300**	**1,500**	**1,500**	**8,500**
Floodplain Management	2-167	**100**	**100**					**200**
Seine River Waterway Acquisition	2-168	**150**	**150**	**150**	**150**	**150**	**150**	**900**
Primary Dike Upgrading	2-169				**1,100**	**1,000**	**1,300**	**3,400**
Land Drainage Utility Study and Implementation	2-170	**500**						**500**
Permanent Flood Pumping Stations	2-171		**500**	**400**	**400**			**1,300**
Land Drainage Supervisory Control and Data Acquisition (SCADA) System	2-172	**100**						**100**
Flood Manual Upgrades	2-173	**948**	**300**					**1,248**
Outfall Rehabilitation	2-174	**900**	**1,200**	**1,508**	**2,000**	**2,000**	**1,011**	**8,619**
Financed by Developer Capacity Charges:								
Development Agreement Paybacks	2-175	**500**	**500**	**500**	**500**	**500**		**2,500**
Total Land Drainage and Flood Control		**4,798**	**6,150**	**5,558**	**7,050**	**6,750**	**5,561**	**35,867**
TOTAL WATER AND WASTE - TAX SUPPORTED		**4,798**	**6,150**	**5,558**	**7,050**	**6,750**	**5,561**	**35,867**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
WATER WORKS SYSTEM								
Water Works System - Supply and Treatment								
Financed by Waterworks Retained Earnings:								
Shoal Lake Aqueduct and Falcon River Diversion Bridges	2-176		**2,000**					**2,000**
Shoal Lake Aqueduct Asset Preservation	2-177		**500**	**500**	**500**	**500**	**500**	**2,500**
Shoal Lake Aqueduct Intake Facility Rehabilitation	2-178	**530**	**1,100**	**2,000**	**2,000**	**240**	**960**	**6,830**
Branch Aqueduct Condition Assessment and Rehabilitation	2-179		**500**					**500**
GWWD Railway Bridge Rehabilitation	2-180	**2,200**						**2,200**
Water Treatment Plant Chemical Feed Pump Replacement (formerly Water Treatment Plant Upgrading)	2-181	**400**						**400**
Ultraviolet Light Disinfection Upgrade / Rehabilitation	2-182	**400**		**4,000**				**4,400**
Deacon Site Flood Protection	2-183	**300**	**1,825**					**2,125**
Tache Booster Pumping Station	2-184		**1,800**					**1,800**
Pumping Stations Reliability Upgrades	2-185	**1,500**	**500**	**1,200**				**3,200**
Pumping Stations and Reservoirs Structural Upgrades	2-186	**3,200**	**900**		**450**	**500**	**750**	**5,800**
Chlorination Upgrading at Pumping Stations	2-187		**700**	**800**	**800**	**450**		**2,750**
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	2-188	**1,100**	**7,400**					**8,500**
Waterworks System Security Upgrades	2-189		**500**	**500**	**500**	**500**	**500**	**2,500**
Regulatory Assessment of Water System Infrastructure and Supply Sources	2-190		**650**					**650**
North End Water Pollution Control Centre (NEWPCC) - Environmental Standards Division Laboratory Facility Upgrading	2-191	**200**						**200**
Water Treatment Research and Process Optimization Facility	2-192	**300**					**150**	**450**
Water Conservation and Efficiency Study	2-193		**230**					**230**
Total Water Works System - Supply and Treatment		**10,130**	**18,605**	**9,000**	**4,250**	**2,190**	**2,860**	**47,035**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Water Works System - Distribution								
Financed by Waterworks Retained Earnings:								
Saskatchewan Avenue Watermain	2-194		**4,400**					**4,400**
North Kildonan Feedermain River Crossing Replacement / Rehabilitation	2-195	**3,000**						**3,000**
Feedermain Condition Assessment and Rehabilitation	2-196	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**750**	**10,750**
Public Water Outlets	2-197		**500**					**500**
Meter Infrastructure Project	2-198		**500**					**500**
Water and Waste Department GIS Enhancement Program	2-199	**115**	**100**	**100**	**100**	**100**	**100**	**615**
Safety Upgrades - Isolation Valves at Valve and Meter Pits	2-200	**50**	**50**					**100**
Oracle Work Asset Management System Upgrade	2-201	**45**						**45**
Laboratory Information Management System Upgrade	2-202	**500**	**500**					**1,000**
Building Renovations - 1199 Pacific Avenue	2-203						**55**	**55**
Utility Asset Management System	2-204	**500**						**500**
Correspondence and Bill Generation Upgrades	2-205	**165**						**165**
Information Technology Continuity Business Plan	2-206	**150**						**150**
Watermain Renewals								
- Watermain Renewal Reserve	2-207	**16,000**	**17,000**	**17,000**	**17,500**	**17,500**	**18,000**	**103,000**
Total Water Works System - Distribution		**22,525**	**25,050**	**19,100**	**19,600**	**19,600**	**18,905**	**124,780**
TOTAL WATERWORKS SYSTEM (Utility Supported)		**32,655**	**43,655**	**28,100**	**23,850**	**21,790**	**21,765**	**171,815**

Back to Capital Projects Summary Table of Contents

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
SEWAGE DISPOSAL SYSTEM								
Sewage Disposal System - Treatment								
Financed by Sewage Disposal System Retained Earnings:								
Biosolids - Alternative Disposal Delivery and Management System								
- Environmental Projects Reserve		**3,857**	**253**	**1,818**	**2,332**			**8,260**
- Retained Earnings		**1,143**	**3,176**	**2,107**	**3,778**			**10,204**
- External Debt			**36,571**	**67,075**	**54,890**			**158,536**
Total Biosolids - Alternative Disposal Delivery and Management System	2-208	**5,000**	**40,000**	**71,000**	**61,000**			**177,000**
Wastewater System Security Upgrades	2-209	**200**			**500**	**500**	**500**	**1,700**
North End Water Pollution Control Centre (NEWPCC) - Main Building HVAC Replacement	2-210	**400**						**400**
NEWPCC - Nutrient Removal / Upgrade								
- Retained Earnings		**10,000**	**41,600**	**20,000**				**71,600**
- External Debt			**58,400**	**110,000**	**130,000**	**106,236**	**38,000**	**442,636**
Total NEWPCC - Nutrient Removal / Upgrade	2-211	**10,000**	**100,000**	**130,000**	**130,000**	**106,236**	**38,000**	**514,236**
South End Water Pollution Control Centre (SEWPCC) - Nutrient Removal / Expansion	2-212	**44,000**	**13,000**	**12,500**				**69,500**
NEWPCC - Environmental Standards Division Laboratory Facility Upgrading	2-213	**200**						**200**
West End Water Pollution Control Centre (WEWPCC) - Settling Improvement	2-214	**500**	**500**					**1,000**
Water Pollution Control Centres (WPCC) - Distributed Control System (DCS) and Human Machine Interface (HMI) Upgrades	2-215		**3,000**					**3,000**
WPCC - Asset Refurbishment and Replacement Project (formerly WPCC - Reliability Upgrades)	2-216	**5,000**	**5,000**	**5,000**	**5,000**	**2,000**	**2,000**	**24,000**
WPCC - Re-roofing	2-217		**400**		**400**		**400**	**1,200**
Total Sewage Disposal System - Treatment		**65,300**	**161,900**	**218,500**	**196,900**	**108,736**	**40,900**	**792,236**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
Sewage Disposal System - Collection								
Financed by Sewage Disposal System Retained Earnings:								
Arc Flash Hazard Analysis and Remediation	2-218	**250**	**350**	**300**	**700**	**450**	**250**	**2,300**
Lift Stations Upgrading	2-219	**1,600**	**1,750**	**1,750**	**1,750**	**1,750**	**1,750**	**10,350**
Cockburn Lift Station Upgrades to Facilitate Fort Rouge Yards Development	2-220			**2,000**				**2,000**
Fernbank Interceptor	2-221			**8,000**				**8,000**
Warde Interceptor Extension	2-222			**3,200**				**3,200**
Plessis Road Interceptor	2-223				**5,500**			**5,500**
Kenaston Boulevard Interceptor	2-224				**4,000**			**4,000**
River Crossings Monitoring and Rehabilitation	2-225		**1,365**		**1,365**		**1,365**	**4,095**
Wastewater Collection System Buildings Re-Roofing	2-226		**300**			**100**		**400**
Wastewater Collection System Reliability	2-227		**400**					**400**
Water and Waste Department GIS Enhancement Program	2-228	**115**	**100**	**100**	**100**	**100**	**100**	**615**
Inflow / Infiltration / Cross-Connection Study and Mitigation	2-229	**500**	**3,000**		**1,500**			**5,000**
Wastewater Hauling and Grease Trap Licensing Automation	2-230	**500**						**500**
Oracle Work Asset Management System Upgrade	2-231	**45**						**45**
Laboratory Information Management System Upgrade	2-232	**500**	**500**					**1,000**
Building Renovations - 1199 Pacific Avenue	2-233						**55**	**55**
Utility Asset Management System	2-234	**500**						**500**
Correspondence and Bill Generation Upgrades	2-235	**165**						**165**
Information Technology Continuity Business Plan	2-236	**150**						**150**
Combined Sewer Overflow and Basement Flood Management Strategy								
- Environmental Projects Reserve		**13,349**	**22,615**	**21,730**	**16,890**	**13,810**	**13,010**	**101,404**
- Sewer System Rehabilitation Reserve		**11,000**	**10,000**	**10,000**	**10,000**	**10,000**	**10,800**	**61,800**
Total Combined Sewer Overflow and Basement Flood Management Strategy	2-237	**24,349**	**32,615**	**31,730**	**26,890**	**23,810**	**23,810**	**163,204**
Sewer Renewals								
- Sewer System Rehabilitation Reserve	2-238	**15,300**	**16,100**	**16,900**	**17,800**	**18,200**	**19,500**	**103,800**
Total Sewage Disposal System - Collection		**43,974**	**56,480**	**63,980**	**59,605**	**44,410**	**46,830**	**315,279**
TOTAL SEWAGE DISPOSAL SYSTEM		**109,274**	**218,380**	**282,480**	**256,505**	**153,146**	**87,730**	**1,107,515**

CAPITAL PROJECTS SUMMARY *(in Thousands of $)*	VOL. 2 PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL 2014-2019
SOLID WASTE DISPOSAL SYSTEM								
Solid Waste Disposal System - Landfill								
Financed by Solid Waste Disposal Retained Earnings:								
Brady Road Resource Management Facility - Cell Excavation	2-239	**1,440**	**1,456**	**1,508**	**1,508**	**1,508**	**1,500**	**8,920**
Brady Road Resource Management Facility - Drainage, Roadways and Site Improvements								
- External Debt	2-240	**1,040**	**1,300**					**2,340**
Brady Road Resource Management Facility - Landfill Gas Capture Expansion Phase 1								
- External Debt	2-241	**566**						**566**
Comprehensive Integrated Waste Management Strategy (CIWMS) - Consulting Support for System Transition								
- Waste Diversion Reserve	2-242	**200**	**200**					**400**
Summit Landfill Closure / Post-Closure	2-243		**330**					**330**
Total Solid Waste Disposal System - Landfill		**3,246**	**3,286**	**1,508**	**1,508**	**1,508**	**1,500**	**12,556**
Solid Waste Disposal System - Collection								
Financed by Solid Waste Disposal External Debt:								
CIWMS - 4R Winnipeg Depots (Community Resource Recovery Centres - West and East)	2-244	**3,720**	**3,493**					**7,213**
CIWMS - Material Recycling Facility	2-245			**16,500**				**16,500**
CIWMS - Provision of Automated Recycling and Garbage Collection Carts								
- Waste Diversion Reserve	2-246	**253**	**295**	**330**	**342**	**301**	**294**	**1,815**
Total Solid Waste Disposal System - Collection		**3,973**	**3,788**	**16,830**	**342**	**301**	**294**	**25,528**
TOTAL SOLID WASTE DISPOSAL SYSTEM		**7,219**	**7,074**	**18,338**	**1,850**	**1,809**	**1,794**	**38,084**
SPECIAL OPERATING AGENCIES								
WINNIPEG GOLF SERVICES								
Golf Course Improvements								
- Cash to Capital		**(23)**	**(23)**					**(46)**
- Golf Course Reserve		**23**	**23**					**46**
TOTAL WINNIPEG GOLF SERVICES	2-247							
TOTAL SPECIAL OPERATING AGENCIES								

Back to Table of Contents

The City of Winnipeg

Capital Project Detail

2014
Preliminary Capital Budget

and

2015 to 2019
Five Year Forecast

Table of Contents

Capital Projects Listing by Department

Public Works 2-1

Community Services 2-56

Winnipeg Police Service 2-77

Fire Paramedic Service 2-100

Planning, Property and Development 2-103

Municipal Accommodations 2-116

City Clerks 2-141

Corporate Support Services 2-146

Assessment and Taxation 2-155

Other Projects 2-157

Transit 2-158

Water and Waste 2-164

Winnipeg Golf Services 2-247

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, provincial funding amounts are not all allocated to individual capital projects. This unallocated provincial funding will offset cash to capital requirements in project budgets.

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.

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

Department: Public Works
Project: 183200114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	425	500	500	500	500	500	75	3,000
Financed by:								
Cash to Capital	425	500	500	500	500	500	75	3,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	2	4	6
External debt and finance charges			
Transfer to General Capital Fund	500	500	500
Total Direct Costs	502	504	506
Less: Incremental Revenue/Recovery	26	30	30
Net Cost/(Benefit)	476	474	476

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.

New Recreational Pathways have an expected service life of 25 years.

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

Recreational Walkways and Bike Paths (continued):

The following projects also include funding in the estimated amounts shown for Active Transportation facilities:

Projects:	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**Total**
Ness Avenue Culvert (Sturgeon Creek)							
- AT path along Sturgeon Creek under the bridge.			1,000				1,000
Plessis Road Twinning and Grade Separation at CN Rail							
- asphalt path connecting with the Pandora Ave and Dugald Rd AT facilities.	1,500						1,500
Waverley West Arterial Roads							
- asphalt pathways on Kenaston Blvd.	5,000						5,000
Regional Street Renewals:							
Pembina Hwy SB - University to Markham							
- buffered bike lanes transitioning to asphalt pathway.	2,830						2,830
Lagimodiere Blvd NB - Maginot to Dugald							
- paved shoulders.	360						360
Lagimodiere Blvd NB - Cottonwood to Maginot							
- paved shoulders.	400						400
Sherbrook St - Maryland Bridge to Portage Ave							
- curb bumpouts, bike lane delineation	130						130
Pembina Hwy SB - Bairdmore North to Kirkbridge							
- asphalt pathway.		1,255					1,255
Pembina Hwy NB & SB - Jubilee to McGillivray							
- buffered bike lanes.		3,750					3,750
Pembina Hwy NB & SB - Grant to Osborne							
- buffered bike lanes.			4,000				4,000
	10,220	**5,005**	**5,000**	**-**	**-**	**-**	**20,225**

Project Name: **New Regional Sidewalks**

Department: Public Works
Project: 1832000214

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by:								
Cash to Capital	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	15	30	45
External debt and finance charges			
Transfer to General Capital Fund	250	250	250
Total Direct Costs	265	280	295
Less: Incremental Revenue/Recovery	13	15	15
Net Cost/(Benefit)	252	265	280

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

New Regional Sidewalks have an expected service life of 35 years.

* 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: 1832000314

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,000	500	500	500	500	500	2,500	3,500
Financed by:									
Cash to Capital		1,000	500	500	500	500	500	2,500	3,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	850	575	500	500	500	500	75	3,500
Financed by:								
Cash to Capital	850	575	500	500	500	500	75	3,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	100	150	200
External debt and finance charges			
Transfer to General Capital Fund	1,000	500	500
Total Direct Costs	1,100	650	700
Less: Incremental Revenue/Recovery	51	35	30
Net Cost/(Benefit)	1,049	615	670

Promotion and development of Active Transportation Corridors.

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

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

Department: Public Works
Project: 1807000114

Capital Priority Rating: 2 - 3
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	127	3,000	-	7,000	-	-	10,000	10,127
Financed by:									
Cash to Capital		127	3,000		7,000			10,000	10,127

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	127	3,000	-	7,000	-	-	-	10,127
Financed by:								
Cash to Capital	127	3,000		7,000				10,127

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	127	3,000	
Total Direct Costs	127	3,000	-
Less: Incremental Revenue/Recovery	3	60	
Net Cost/(Benefit)	124	2,940	-

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

Funds will be allocated to:	2014	2015	2016	2017	2018	2019	Total
Bison Drive and Waverley Street intersection (MHRC AG 1/06)		3,000					3,000
Future Chief Peguis Trail - Land Drainage Sewer Oversizing (AG 38/12)	127						127
Twinning of Keewatin Street from north of Inkster Blvd to Adsum and Dr. Jose Rizal Way from Adsum to Waterridge Path (AG 15/12)				7,000			7,000
	127	**3,000**	**-**	**7,000**	**-**	**-**	**10,127**

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

Project Name: **Tuxedo Yards Development**

Department: Public Works
Project: 1807000514

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	9,050	700	1,100	1,600	2,100	3,730	3,467	11,997	12,697
Financed by:									
Economic Development Investment Reserve	950	700	1,100	1,600	2,100	3,730	3,467	11,997	12,697
Provincial Government Funding	8,000							-	-
Other	100							-	-

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	700	1,100	1,600	2,100	3,730	3,467	-	12,697
Financed by:								
Economic Development Investment Reserve	700	1,100	1,600	2,100	3,730	3,467		12,697

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	720	1,120	1,620
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	720	1,120	1,620
Less: Incremental Revenue/Recovery	721	1,133	1,648
Net Cost/(Benefit)	(1)	(13)	(28)

On March 25, 2009, Council approved the recommendations contained in the "Tuxedo Yards Redevelopment" report and directed the Public Service to enter into a Strategic Economic Agreement with the Developer for the development of 1.5 million square feet of mixed-use commercial development at the southwest and northwest quadrants of Sterling Lyon Parkway and Kenaston Boulevard. Pursuant to this Agreement, the Developer is responsible for the financing of all costs (estimated total of $26.5 million) of off-site infrastructure and servicing, any acquisitions of land required and of relocating Manitoba Hydro services located in City right-of-ways. Further, the Developer is entitled to recover from the City $14 million of such costs (plus interest) subject to the conditions outlined in the Strategic Economic Agreement.

The Agreement also includes provisions regarding the responsibility of the Developer for the acquisition of certain lands (to a maximum of $450,000) and the construction and/or modification of certain railway crossings (to a maximum of $500,000). The Agreement provides that these costs will be funded by the City of Winnipeg and deducted from the $14 million entitled to be recovered by the Developer.

On September 14, 2009, the City of Winnipeg (City) and the Province of Manitoba (Province) entered into the "Manitoba - Winnipeg Offsite Infrastructure Funding Agreement" whereby the Province provided $8 million in funding, paid in equal installments from 2010 to 2012, to the City. The City in turn paid the Developer the equivalent amount upon receipt of payment from the Province.

On November 16, 2011, Council approved that the 2011 capital budget be amended from $3.117 million to a total of $3.217 million with the additional $0.1 million to be funded by a contribution from Lehigh Cement Ltd. This $0.1 million together with the $8 million Provincial funding and the $0.950 million noted above, comprise the previous budgets amount of $9.050 million.

Amounts budgeted from 2014 onward represent repayment to the Developer of the remaining City contribution plus interest, approximately $12.7 million, and are equivalent to estimated incremental municipal realty taxes to be generated by the development.

Project Name: **Transportation Master Plan**

Department: Public Works
Project: 1833000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	213	250	250	250	250	250	37	1,500
Financed by:								
Cash to Capital	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	250	250	250
Total Direct Costs	250	250	250
Less: Incremental Revenue/Recovery	13	15	15
Net Cost/(Benefit)	237	235	235

Updating information that affects the recommendations in the TMP (Transportation Master Plan) is necessary to account for temporal changes in land use and transportation needs. This is also required to meet the needs of OurWinnipeg and Complete Communities.

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

Project Name: **Traffic Signals Improvements**

Department: Public Works
Project: 1831100114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	1,030	1,030	1,030	1,030	1,030	1,030	5,150	6,180
Financed by:									
Cash to Capital		1,030	1,030	1,030	1,030	1,030	1,030	5,150	6,180

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	876	1,030	1,030	1,030	1,030	1,030	154	6,180
Financed by:								
Cash to Capital	876	1,030	1,030	1,030	1,030	1,030	154	6,180

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	163	163	163
External debt and finance charges			
Transfer to General Capital Fund	1,030	1,030	1,030
Total Direct Costs	1,193	1,193	1,193
Less: Incremental Revenue/Recovery	53	62	62
Net Cost/(Benefit)	1,140	1,131	1,131

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

- audible pedestrian signals following the 2008 agreement between the City of Winnipeg and the Human Rights Commission.
- upgrades of signals displays according to the new Transportation Association of Canada 158 report.

* N/A - No amounts have been included in the "Previous Budgets" due to this project's on-going nature. This program was previously a sub-program of the Traffic Engineering Improvements program.

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

Department: Public Works
Project: 1831000114

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,100	1,100	1,100	1,100	1,100	1,100	5,500	6,600
Financed by:									
Cash to Capital		1,100	1,100	1,100	1,100	1,100	1,100	5,500	6,600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	935	1,100	1,100	1,100	1,100	1,100	165	6,600
Financed by:								
Cash to Capital	935	1,100	1,100	1,100	1,100	1,100	165	6,600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	8	15	23
External debt and finance charges			
Transfer to General Capital Fund	1,100	1,100	1,100
Total Direct Costs	1,108	1,115	1,123
Less: Incremental Revenue/Recovery	56	66	66
Net Cost/(Benefit)	1,052	1,049	1,057

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

- new traffic control signals based on priority warrant system. **
- new half signals and pedestrian corridors based on a priority warrant system.**
- roadside safety improvements.
- traffic calming measures.
- miscellaneous geometric improvements.
- traffic sign upgrades.
- railway crossing safety improvements.

The annual program funds research into City of Winnipeg Transportation Division issues and initiatives by the University of Manitoba Transport Information Group.

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

** Locations are submitted to Standing Policy Committee on Infrastructure Renewal and Public Works for approval prior to construction.

Project Name: **Almey Avenue at Ravelston Avenue West - Closing**

Department: Public Works
Project: 1803000414

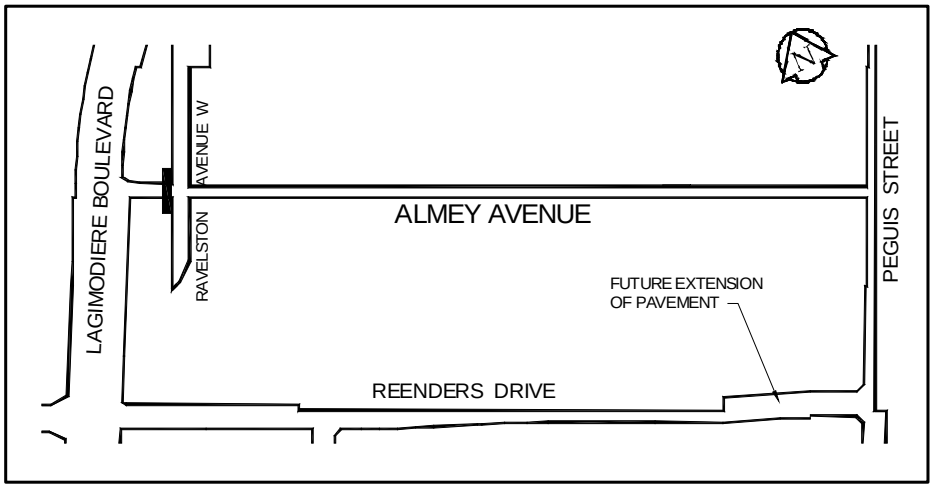
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Cash to Capital		200						-	200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	170	30	-	-	-	-	-	200
Financed by:								
Cash to Capital	170	30						200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200		
Total Direct Costs	200	-	-
Less: Incremental Revenue/Recovery	10	2	
Net Cost/(Benefit)	190	(2)	-

In accordance with the Transcona West Area Structure Plan, Almey Avenue west of Ravelston Avenue West is to be dead-ended and cut-off from Ravelston Avenue. The work will include removal of the existing connection of Almey Avenue to Ravelston Avenue West, and the design and construction of an appropriate end treatment for the dead-ended Almey Avenue, while maintaining pedestrian and bicycle access on the north side of Almey Avenue, including appropriate signage and landscaping. Construction is anticipated to take place in 2015 and will be subject to the extension of Reenders Drive to Peguis Street.



Project Name: **Kenaston Boulevard - Ness Avenue to Taylor Avenue**

Department: Public Works
Project: 1803000614

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for Specific City Areas

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,100	100	100	100	3,345	100	2,263	5,908	6,008
Financed by:									
Cash to Capital	3,100	100	100	100	3,345	100	2,263	5,908	6,008

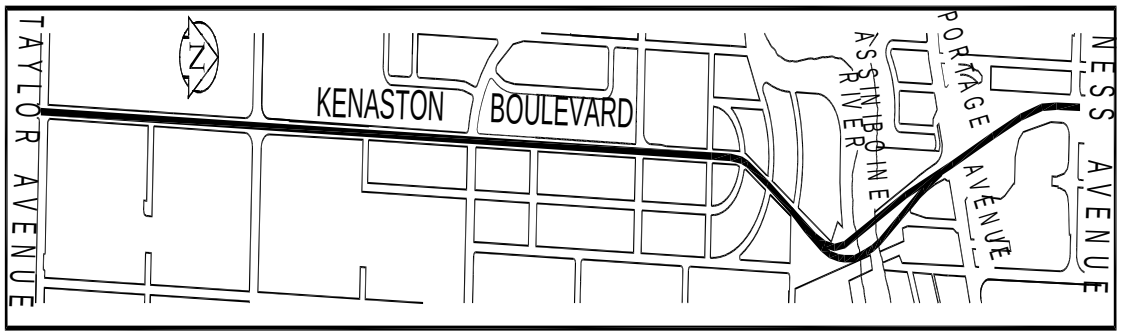
CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	85	100	100	2,858	587	1,939	339	6,008
Financed by:								
Cash to Capital	85	100	100	2,858	587	1,939	339	6,008

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100	100	100
Total Direct Costs	100	100	100
Less: Incremental Revenue/Recovery	5	6	6
Net Cost/(Benefit)	95	94	94

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.

Widening of Kenaston Boulevard will include modifications and rehabilitation of the St. James Northbound Bridge and replacement of the St. James Southbound Bridge. Funding of $3.245 million in 2017 is for preliminary bridge design of both the southbound and northbound bridges. Funding of $2.163 million in 2019 is for detailed design and commencement of property acquisition for St. James Southbound Bridge.

The total project estimate is $265 million (class 4) based on completion in 2021. Should this project be deferred, the St. James Southbound Bridge project is required to proceed as a stand alone project for completion in 2021 at an estimated cost of $60 million (class 4).



Project Name: **Panet Rd / Molson St Twinning - Munroe Ave to Grassie Blvd**

Department: Public Works
Project: 1803000113

Capital Priority Rating: 2
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	7,400	2,600	-	-	-	-	-	-	2,600
Financed by:									
Cash to Capital		1,728						-	1,728
Developer Funding		872						-	872

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	2,341	259	-	-	-	-	-	2,600
Financed by:								
Cash to Capital	1,469	259						1,728
Developer Funding	872							872

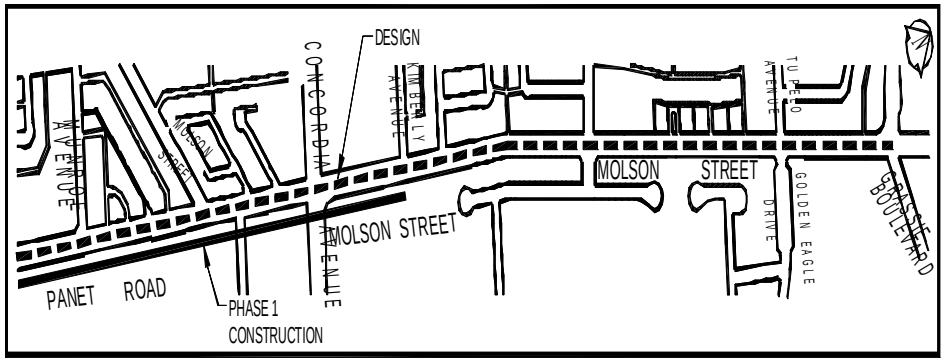
NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			15
External debt and finance charges			
Transfer to General Capital Fund	1,728		
Total Direct Costs	1,728	-	15
Less: Incremental Revenue/Recovery	140	16	
Net Cost/(Benefit)	1,588	(16)	15

Project Funding - $400,000 for a preliminary design (phases 1 and 2), $9,600,000 (class 2 estimate) for the detailed design and construction of phase 1 - Munroe to Kimberly.

Developer funding of $872,000 is from the Eaglemere Subdivision AG 26/88.

On December 13, 2011 Council approved a first charge of up to $400,000 for the preliminary design for the Panet Road/Molson Street Twinning - Munroe Avenue to Grassie Boulevard project in 2012 or prior to the adoption of the 2013 Capital Budget.

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



Project Name: **Marion Street Widening / Grade Separation and Improvements - Rue Archibald to Lagimodiere Boulevard**

Department:	Public Works	Capital Priority Rating:	3 - 4
Project:	1803000313	Service:	Roadway Construction and Maintenance
		OurWinnipeg:	Key Directions for the Entire City

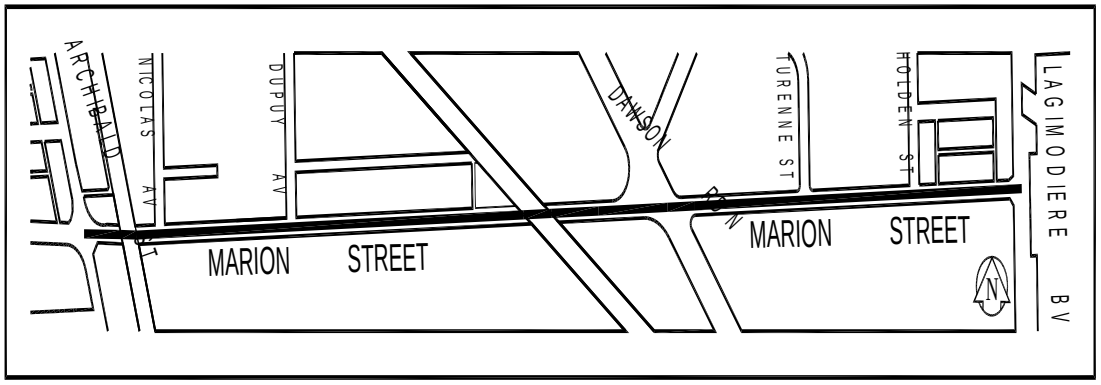
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,250	-	5,200	-	-	-	-	5,200	5,200
Financed by:									
Cash to Capital	1,250		5,200					5,200	5,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	4,420	780	-	-	-	-	5,200
Financed by:								
Cash to Capital		4,420	780					5,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		5,200	
Total Direct Costs	-	5,200	-
Less: Incremental Revenue/Recovery		133	23
Net Cost/(Benefit)	-	5,067	(23)

Previous Funding in 2013 - $1,250,000 was for a functional design. Funding in 2015 - $5,200,000 is for further engineering work.

On July 18, 2012 Council approved first call on the 2013 Capital Budget for the functional design study for the Marion Widening/Grade Separation and Improvements of $1.25 million.



Project Name: **Polo Park - Infrastructure Improvements**

Department: Public Works
Project: 1803000213

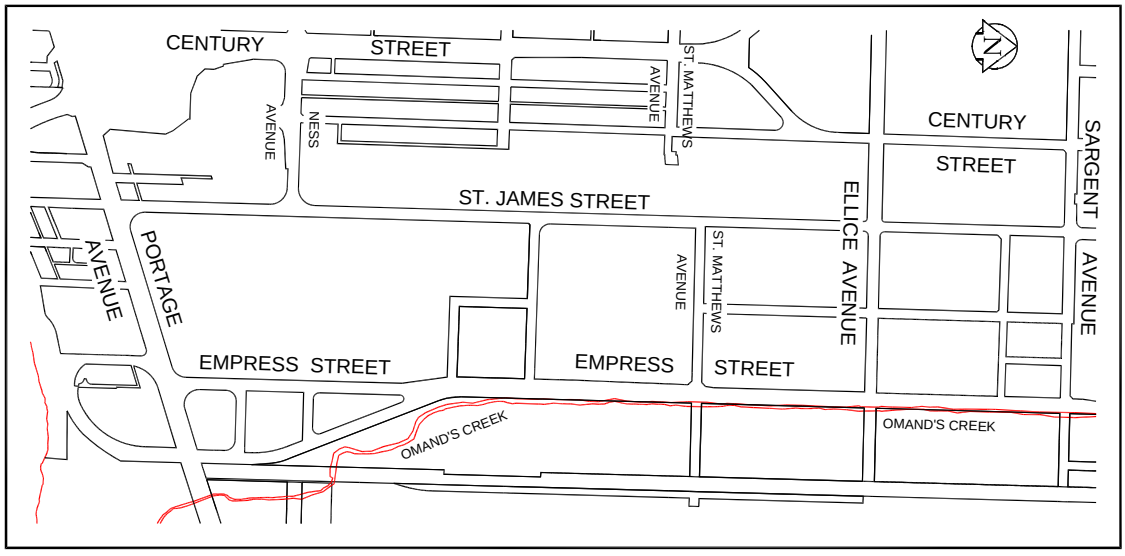
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for Specific City Areas

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	30,000	10,000	-	-	-	-	-	-	10,000
Financed by:									
Other Provincial Funding		10,000						-	10,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	8,500	1,500	-	-	-	-	-	10,000
Financed by:								
Other Provincial Funding	8,500	1,500						10,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	10	10	10
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	10	10	10
Less: Incremental Revenue/Recovery	170	30	
Net Cost/(Benefit)	(160)	(20)	10

On July 3, 2012 the Standing Policy Committee on Property and Development approved the sale of the existing Winnipeg Stadium located at 1465 Maroons Road. Funding in the amount of $20 million from the proceeds of the sale is committed towards major infrastructure improvements to manage current and future traffic movement in the immediate area and $20 million has been announced by the Provincial government.



Back to Capital Projects Summary

Project Name: **Regional and Local Street Renewal**

Department: Public Works
Project: 1804000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	84,187	71,668	63,549	72,658	73,225	90,502	371,602	455,789
Financed by:									
Cash to Capital		8,024	21,365	23,893	29,127	24,919	34,146	133,450	141,474
Federal Gas Tax		10,605	10,675	10,755	10,830	10,905	14,255	57,420	68,025
Provincial Building Manitoba Fund - Roads		14,000	14,000	7,000	7,000	7,000	7,000	42,000	56,000
Local Street Renewal Reserve		8,211	12,416	16,965	21,665	26,365	31,065	108,476	116,687
Regional Street Renewal Reserve		4,325	4,036	4,036	4,036	4,036	4,036	20,180	24,505
External Debt		33,495	9,176	900				10,076	43,571
Transfer from Prior Years' Surplus - Federal Gas Tax		2,377						-	2,377
Transfer from 2013 Regional and Local Street Renewal Program		3,150						-	3,150

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	77,959	73,315	64,410	72,008	73,856	89,118	5,123	455,789
Financed by:								
Cash to Capital	6,820	19,364	23,513	28,342	25,550	32,762	5,123	141,474
Federal Gas Tax	10,605	10,675	10,755	10,830	10,905	14,255		68,025
Provincial Building Manitoba Fund - Roads	14,000	14,000	7,000	7,000	7,000	7,000		56,000
Local Street Renewal Reserve	8,211	12,416	16,965	21,665	26,365	31,065		116,687
Regional Street Renewal Reserve	4,325	4,036	4,036	4,036	4,036	4,036		24,505
External Debt	28,471	12,824	2,141	135				43,571
Transfer from Prior Years' Surplus - Federal Gas Tax	2,377							2,377
Transfer from 2013 Regional and Local Street Renewal Program	3,150							3,150

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges	497	1,137	1,313
Transfer to General Capital Fund	8,024	21,365	23,893
Total Direct Costs	8,521	22,502	25,206
Less: Incremental Revenue/Recovery	3,495	3,372	3,065
Net Cost/(Benefit)	5,026	19,130	22,141

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

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

Regional and Local Street Renewal Program (continued):

Regional Street Renewal Program

The Regional Street Renewal program includes the renewal and reconstruction of the City's regional streets, sidewalks and recreational walkways/paths. The purpose of this program is to maintain the level of service, structural integrity, and rideability of the transportation infrastructure network. See next pages for program details.

All Regional Street Renewal projects have a warranty period after substantial completion and/or in-service date for which costs may be incurred by the City. The Director of Public Works is authorized to establish projects to a maximum of $100,000 each to charge costs associated with warranty work should the related Regional Streets project be closed. The capital budget for the new project will be allocated from the departmental non-specified capital account.

Any new projects using surplus funds in the 2014 Regional Street Renewal Program shall be approved by the Standing Policy Committee on Infrastructure Renewal and Public Works.

A Regional Street Renewal Reserve is to be established in this budget to increase investment in regional streets and sidewalks. A separate 1% property tax increase will fund this new reserve in 2014. Appendix 7 outlines the long-term plan in this regard. The City will borrow $10 million in 2014 for regional street renewal work and the Regional Street Renewal Reserve will pay the principal and interest charges on the debt.

Use of the Regional Street Renewal Reserve for purposes other than regional street or sidewalk renewals requires approval of 2/3 of City Council.

* See Regional Street Renewal table for roadworks to be completed for the enhanced Regional Streets and Sidewalks Renewal.

Local Street Renewal Program

The Local Street Renewal program includes the renewal and reconstruction of the City's local streets, sidewalks, lanes, and recreational walkways/paths. The purpose of this program is to maintain the level of service, structural integrity, and rideability of the transportation infrastructure network. See next pages for program details.

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.

On February 22, 2011 Council approved that up to $1 million in funding be allocated each year from the $3 million Granular Roadway Improvements project account for sub-cutting and adding gravel to unimproved gravel back-lanes in need of repair.

All Local Street Renewal projects have a warranty period after substantial completion and/or in-service date for which costs may be incurred by the City. The Director of Public Works is authorized to establish projects to a maximum of $100,000 each to charge costs associated with warranty work should the related Local Streets project be closed. The capital budget for the new project will be allocated from the departmental non-specified capital account.

Any new projects using surplus funds in the 2014 Local Street Renewal Program shall be approved by the Standing Policy Committee on Infrastructure Renewal and Public Works.

A Local Street Renewal Reserve was established in 2013 to increase investment in local streets, lanes and sidewalks. A separate 1% property tax increase planned until 2021 will continually fund this new reserve each year to ensure a dedicated funding stream for local streets. Similar to 2013, the City will borrow $10 million in 2014 and $5 million in 2015 for local street renewal work and the Local Street Renewal Reserve will pay the principal and interest charges on the new and existing debt. The City's longer term proposal for sustainable funding for the renewal of local streets is detailed in Appendix 6.

Use of the Local Street Renewal Reserve for purposes other than local streets, lanes, or sidewalk renewals requires approval of 2/3 of City Council.

Subsequent to the adoption of the 2013 capital budget, the Province committed an additional $7 million for residential streets for three years (2013, 2014 and 2015) through the provincial Local Street Improvement Program.

Regional and Local Street Renewal Program (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2014	2015	2016	2017	2018	2019	Six-Year Total
Enhanced Regional Streets and Sidewalks Renewal funded by:							
- Regional Street Renewal Reserve	4,325	4,036	4,036	4,036	4,036	4,036	24,505
- External Debt	10,000						10,000
Sub-total Enhanced Regional Streets and Sidewalks Renewal	**14,325**	**4,036**	**4,036**	**4,036**	**4,036**	**4,036**	**34,505**
ENHANCED REGIONAL PROGRAM *							
Regional Streets Sidewalk Renewals:							
Portage Ave EB - Furby to Spence	180						180
Portage Ave WB - Young to Furby	130						130
Regional Major Rehabilitation Works:							
Henderson Hwy NB - McLeod to Springfield	3,100						3,100
Osborne St SB & NB - Broadway to St Mary		1,950					1,950
Regional Mill and Fill Rehabilitation Works:							
Sherbrook St NB - Portage to Ellice	600						600
Portage Ave WB - Minto to Empress	3,000						3,000
Portage Ave EB -Sherburn to Furby	3,600						3,600
Portage Ave EB - Furby to Memorial	500						500
Portage Ave WB - Memorial to Furby	400						400
Portage Ave WB - Furby to McGee	800						800
Archibald St - Plinquet to #80 Archibald	1,250						1,250
Balmoral St - Ellice to Cumberland	750						750
Henderson Hwy SB - Whellams to Springfield		300					300
Sherbrook St - Ellice to Notre Dame		1,100					1,100
Ellice Ave -Balmoral to Maryland		680					680
Watt St - Chalmers to Nairn			875				875
St Mary's Rd NB - St Anne's to Lyndale			800				800
St Mary's Rd SB - Lyndale to St Anne's			800				800
Main St SB - Mountain to Redwood			300				300
Notre Dame EB - Wall to Arlington			750				750
Isabel Ave - William to Notre Dame			500				500
Regional Street Renewals - Annual Program - Various locations to be identified.	15	6	11	4,036	4,036	4,036	12,140
Total Enhanced Regional Street Renewal Program	**14,325**	**4,036**	**4,036**	**4,036**	**4,036**	**4,036**	**34,505**

Regional and Local Street Renewal Program (continued):

Authorization ($000's)	2014	2015	2016	2017	2018	2019	Six-Year Total
REGULAR REGIONAL PROGRAM							
Regional Sidewalk and Curb Renewals	500	500	500	500	500	500	3,000
Regional Paving of Granular Shoulders	250	250	250	250	250	250	1,500
Regional Accessibility Improvements:							
Detectable Warning Surface Tiles - Regional Streets	100	100	100	100	100	100	600
Downtown Streets:							
Sidewalk, Curb, and Street Renewals	1,500	1,500	1,500	1,500	1,500	1,500	9,000
Regional Major Rehabilitation Works:							
King Edward St SB - Legion to Dublin	2,050						2,050
Pembina Hwy SB - University Cres. to Markham Rd	6,050						6,050
Ness Ave - 150 meters west of Conway to Whytewold Rd	3,150						3,150
Pembina Hwy SB - Bairdmore North Leg to Kirkbridge		3,800					3,800
Osborne St - Corydon to Don		2,000					2,000
Ness Ave EB - Rutland to Queen		2,200					2,200
Pembina Hwy SB & NB - Grant to Osborne			11,700				11,700
Henderson Hwy SB - Munroe to Hespeler			3,200				3,200
Sargent Ave - Victor to Arlington			1,600				1,600
Regional Mill and Fill Rehabilitation Works:							
Main St SB - Smithfield to Inkster	470						470
Lagimodiere Blvd NB - Maginot to Dugald	1,250						1,250
Sherbrook St NB - Maryland Bridge to Portage	2,150						2,150
Lagimodiere Blvd NB - Cottonwood to Maginot	1,400						1,400
Century St NB - Ness to Ellice	1,030						1,030
King Edward St SB - Ellice to Ness	1,100						1,100
Portage Ave WB - Moorgate to 2533 Portage Ave.		1,350					1,350
Pembina Hwy NB & SB - Jubilee to McGillivray		5,900					5,900
Main St NB - Higgins to Redwood		2,000					2,000
Main St SB - Inkster to Mountain		1,100					1,100
Maryland St - Ellice to Portage		450					450
Academy Rd - Campbell to Renfrew			700				700
Jubilee Ave - Osborne to Cockburn			900				900
Regional Street Renewals - Annual Program - Various locations to be identified.	1	16	48	22,557	18,424	31,001	72,047
Total Regular Regional Street Renewal Program	**21,001**	**21,166**	**20,498**	**24,907**	**20,774**	**33,351**	**141,697**
Total Enhanced and Regular Regional Street Renewal Program	**35,326**	**25,202**	**24,534**	**28,943**	**24,810**	**37,387**	**176,202**

Regional and Local Street Renewal Program (continued):

LOCAL STREET RENEWAL PROGRAM **Authorization ($000's)**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**Six-Year Total**
Enhanced Local Streets, Lanes and Sidewalks Renewal funded by:							
- Local Street Renewal Reserve	8,211	12,416	16,965	21,665	26,365	31,065	116,687
- External Debt	10,000	5,000					15,000
Sub-total Enhanced Local Streets, Lanes and Sidewalks Renewal	**18,211**	**17,416**	**16,965**	**21,665**	**26,365**	**31,065**	**131,687**
Local Street Renewals - Various Locations - Provincial funding	14,000	14,000	7,000	7,000	7,000	7,000	56,000
Other Local Street Renewals - Various Locations	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Granular Roadway Improvements:							
- Type II Road Oiling	500	500	500	500	500	500	3,000
- Granular Lane Improvement Program	1,000	1,000	1,000	1,000	1,000	1,000	6,000
- Pipeline Rd - 150 m North of Templeton Ave to Perimeter Hwy	1,500	1,500					3,000
- Loudoun Rd - Wilkes Ave to Four Mile Rd			1,500	1,500			3,000
- TBA					1,500	1,500	3,000
Sub-total 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	800	800	800	800	800	4,400
Local Thin Bituminous Overlay (TBO)	7,000	5,000	5,000	5,000	5,000	5,000	32,000
Recreational Walkways and Bike Pathway Renewals	500	500	500	500	500	500	3,000
Total Local Street Renewal Program	**48,861**	**46,466**	**39,015**	**43,715**	**48,415**	**53,115**	**279,587**
Total Regional and Local Street Renewal Program	**84,187**	**71,668**	**63,549**	**72,658**	**73,225**	**90,502**	**455,789**

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

Department: Public Works
Project: 1805001414

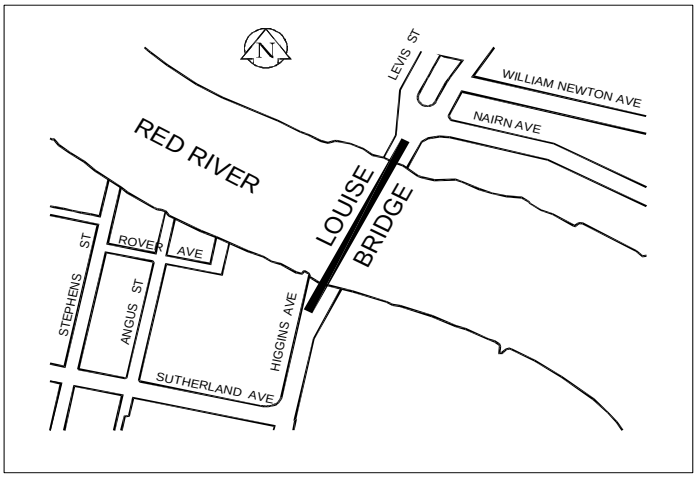
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	2,081	-	2,000	-	-	-	2,000	4,081
Financed by:									
Cash to Capital		881		1,000				1,000	1,881
Provincial Funding for Road Improvements		1,200		1,000				1,000	2,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,949	132	1,850	150	-	-	-	4,081
Financed by:								
Cash to Capital	749	132	850	150				1,881
Provincial Funding for Road Improvements	1,200		1,000					2,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	881		1,000
Total Direct Costs	881	-	1,000
Less: Incremental Revenue/Recovery	93	8	91
Net Cost/(Benefit)	788	(8)	909

2014 - Project budget shown is to undertake conceptual design, preliminary design, public consultation, and property acquisition. 2016 - Engineering detailed design. Options for the potential rehabilitation or replacement will be considered. If a new four lane replacement bridge is required the total estimated project budget will exceed $100,000,000 (class 5 estimate) assuming construction is undertaken beyond 2017. Bridge requirements will be determined during the preliminary engineering design/study.



Project Name: **CPR Yards Functional Crossing Study - between McPhillips Street and Main Street**

Department: Public Works
Project: 1833000217

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	-	-	-	2,000	-	-	2,000	2,000
Financed by:									
Cash to Capital	1,500				2,000			2,000	2,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	2,000	-	-	-	2,000
Financed by:								
Cash to Capital				2,000				2,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Arlington Street Overpass is nearing the end of its useable service life. By 2020, the Overpass will have to be replaced, undergo major reconstruction or be decommissioned with enhancements to other routes. The purpose of this study is to develop a cost effective functional plan to be implemented within the above-noted time frame. The study will include transportation planning, structural evaluation, conceptual design and public consultation. The Study will develop a Class 4 estimate for each alternative.

Funding in 2017 is for the preliminary design and property acquisition for the recommended alternative to the Arlington Overpass crossing and development of a Class 3 estimate.

Project Name: **Fermor Avenue Bridge (Seine River)**

Department: Public Works
Project: 1805001916

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

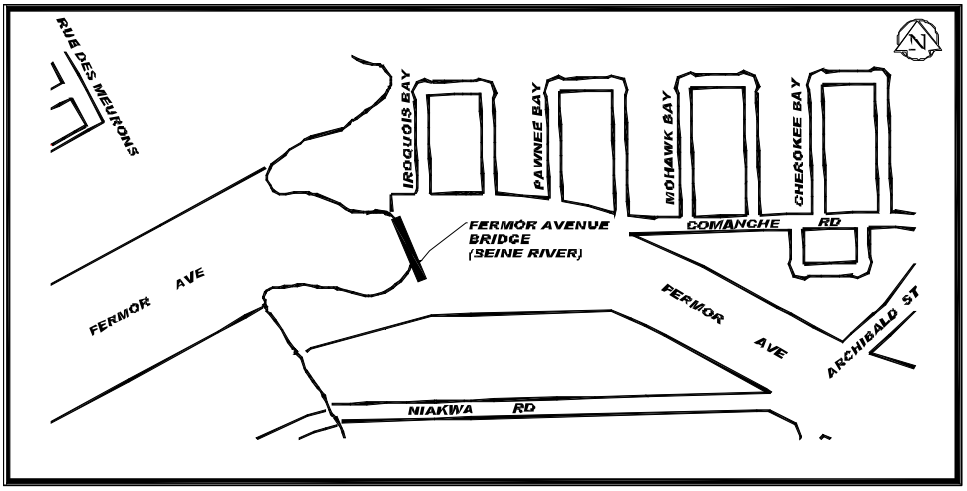
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	500	700	6,800	-	8,000	8,000
Financed by:									
Cash to Capital				500	700	6,800		8,000	8,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	425	670	5,885	1,020	-	8,000
Financed by:								
Cash to Capital			425	670	5,885	1,020		8,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			500
Total Direct Costs	-	-	500
Less: Incremental Revenue/Recovery			26
Net Cost/(Benefit)	-	-	474

Bridge rehabilitation with preliminary design in 2016, detailed design in 2017 and construction in 2018.

The rehabilitated bridge is expected to provide service for 50 years.



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

Department: Public Works
Project: 1805002016

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

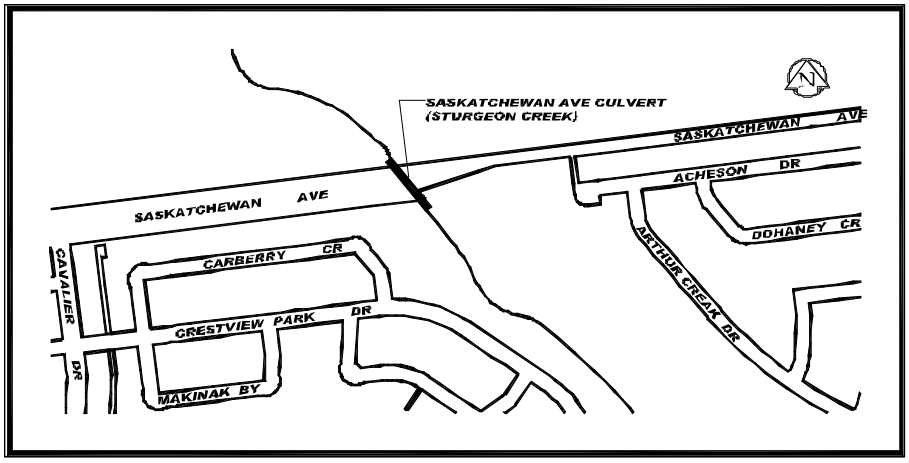
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	1,000	1,000	8,000	-	10,000	10,000
Financed by:									
Cash to Capital				1,000	1,000	8,000		10,000	10,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	850	1,000	6,950	1,200	-	10,000
Financed by:								
Cash to Capital			850	1,000	6,950	1,200		10,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			1,000
Total Direct Costs	-	-	1,000
Less: Incremental Revenue/Recovery			51
Net Cost/(Benefit)	-	-	949

Replace existing culvert structure with a new bridge. Undertake preliminary engineering and property acquisition in 2016, detailed engineering in 2017, and construction in 2018.

The new bridge is expected to provide service for 75 years.



Project Name: **Pembina Highway Underpass**

Department: Public Works
Project: 1805002218

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

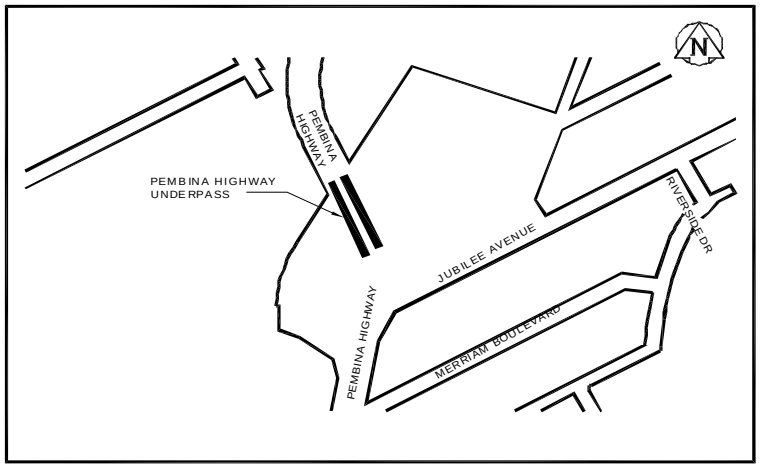
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,300	-	-	-	-	6,000	-	6,000	6,000
Financed by:									
Cash to Capital	650					6,000		6,000	6,000
Provincial Funding for Road Improvements	650							-	-

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	5,100	900	-	6,000
Financed by:								
Cash to Capital					5,100	900		6,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Funding shown in 2018 is for a detailed design and property acquisition.

The widened and rehabilitated underpass is expected to provide service for 75 years.



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

Department: Public Works
Project: 1805001313

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	700	1,961	-	-	-	-	-	-	1,961
Financed by:									
Cash to Capital	650	1,011						-	1,011
Provincial Funding for Road Improvements	50	950						-	950

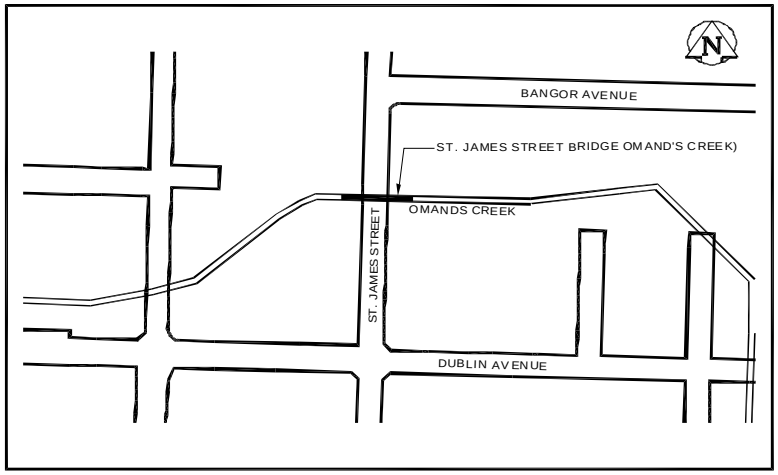
CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,809	152	-	-	-	-	-	1,961
Financed by:								
Cash to Capital	859	152						1,011
Provincial Funding for Road Improvements	950							950

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,011		
Total Direct Costs	1,011	-	-
Less: Incremental Revenue/Recovery	90	9	
Net Cost/(Benefit)	921	(9)	-

Previous funding in 2013 - Preliminary and detailed engineering design and property acquisition. 2014 - Construction to undertake full rehabilitation and safety improvements.

On December 12, 2012 Council approved a first charge on the 2013 Capital Budget of up to $700,000 to allow for the award of an engineering consultant assignment and contracts for utility revisions necessary to ensure timely delivery of the project.

The rehabilitated bridge is expected to provide service for 75 years.



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

Department: Public Works
Project: 1805001514

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

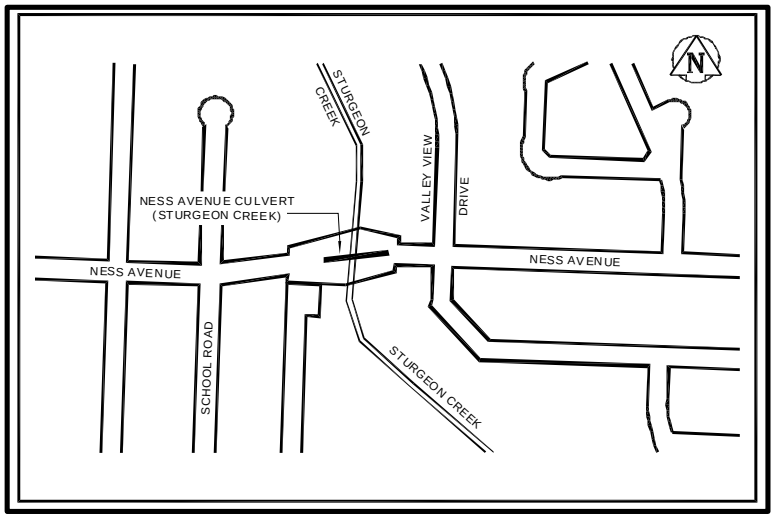
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,000	2,000	11,000	-	-	-	13,000	14,000
Financed by:									
Cash to Capital		500	1,000	7,000				8,000	8,500
Provincial Funding for Road Improvements		500	1,000	4,000				5,000	5,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	925	1,925	10,100	1,050	-	-	-	14,000
Financed by:								
Cash to Capital	425	925	6,100	1,050				8,500
Provincial Funding for Road Improvements	500	1,000	4,000					5,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500	1,000	7,000
Total Direct Costs	500	1,000	7,000
Less: Incremental Revenue/Recovery	46	96	526
Net Cost/(Benefit)	454	904	6,474

Replace existing structure with a new bridge. Undertake preliminary engineering and property acquisition in 2014, detailed engineering in 2015, and construction in 2016.

The new bridge is expected to provide service for 75 years.



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

Department: Public Works
Project: 1805000212

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,200	4,500	-	-	-	-	-	-	4,500
Financed by:									
Cash to Capital	700	2,000						-	2,000
Provincial Funding for Road Improvements	500	2,500						-	2,500

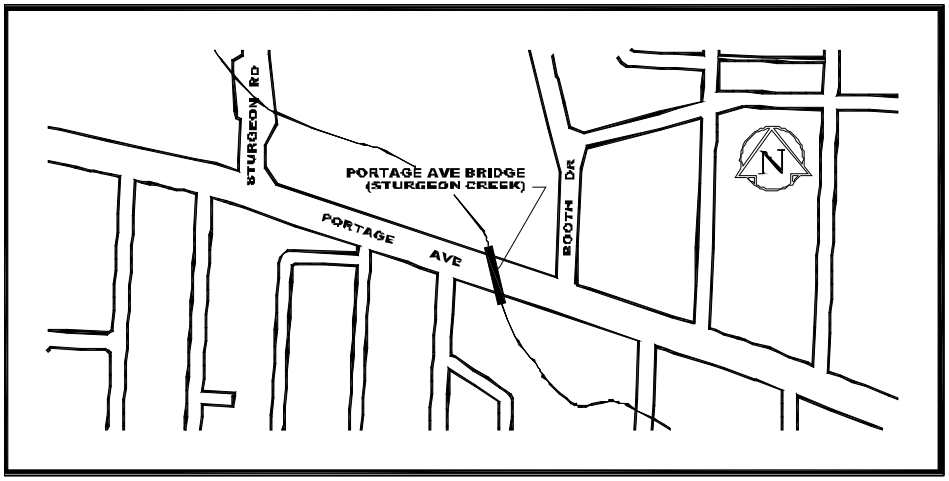
CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	4,200	300	-	-	-	-	-	4,500
Financed by:								
Cash to Capital	1,700	300						2,000
Provincial Funding for Road Improvements	2,500							2,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	2,000		
Total Direct Costs	2,000	-	-
Less: Incremental Revenue/Recovery	202	18	
Net Cost/(Benefit)	1,798	(18)	-

Full bridge rehabilitation with a total budget requirement of $5,700,000. Previous funding in 2012 - preliminary design $500,000 and 2013 - detailed design $700,000; 2014 - construction $4,500,000.

On December 12, 2012 Council approved a first charge on the 2013 Capital Budget of up to $700,000 to allow for the award of an engineering consultant assignment and contracts for utility revisions necessary to ensure timely delivery of the project.

The rehabilitated bridge is expected to provide service for 75 years.



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

Department: Public Works
Project: 1805001615

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

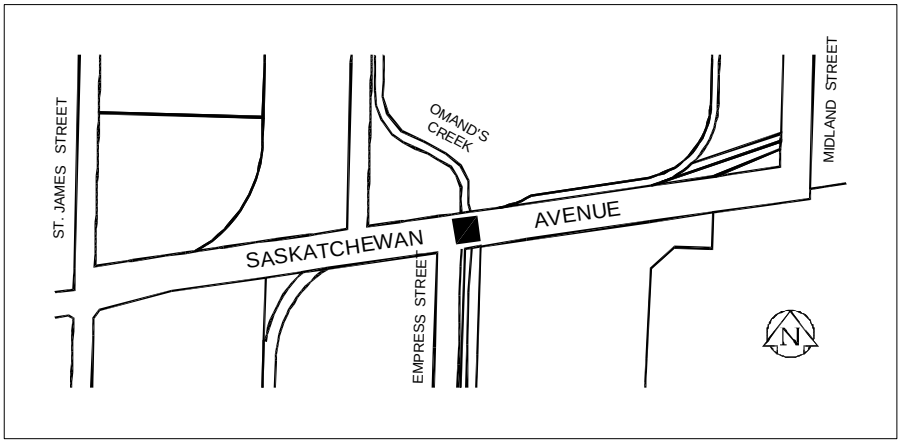
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	700	2,300	-	-	-	3,000	3,000
Financed by:									
Cash to Capital			450	1,300				1,750	1,750
Provincial Funding for Road Improvements			250	1,000				1,250	1,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	633	2,172	195	-	-	-	3,000
Financed by:								
Cash to Capital		383	1,172	195				1,750
Provincial Funding for Road Improvements		250	1,000					1,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		450	1,300
Total Direct Costs	-	450	1,300
Less: Incremental Revenue/Recovery		33	110
Net Cost/(Benefit)	-	417	1,190

Bridge replacement with a total budget requirement of $3,000,000. Preliminary/detailed engineering and property acquisition in 2015 budgeted for $700,000 and construction in 2016 budgeted for $2,300,000.

The new structure is expected to provide service for 75 years.



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

Department: Public Works
Project: 1805001715

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

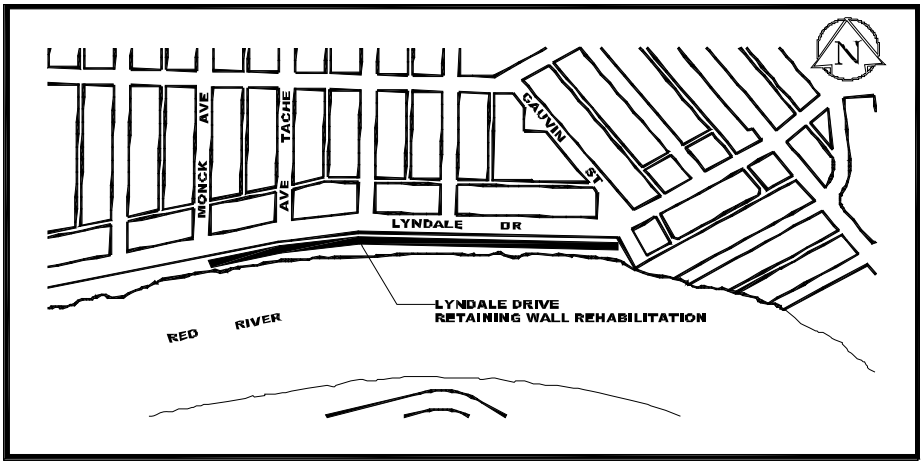
AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	500	500	3,000	-	-	4,000	4,000
Financed by:									
Cash to Capital			250	250	1,500			2,000	2,000
Provincial Funding for Road Improvements			250	250	1,500			2,000	2,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	463	500	2,812	225	-	-	4,000
Financed by:								
Cash to Capital		213	250	1,312	225			2,000
Provincial Funding for Road Improvements		250	250	1,500				2,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		250	250
Total Direct Costs	-	250	250
Less: Incremental Revenue/Recovery		23	25
Net Cost/(Benefit)	-	227	225

This retaining wall forms part of the Lyndale Drive primary dike system between Monck Avenue and Gauvin Street. The total estimated budget requirement is $4,000,000 with $500,000 in 2015 for preliminary design, $500,000 in 2016 for detailed design, and $3,000,000 in 2017 for construction.

The retaining wall is expected to provide service for 50 years.



Project Name: **Osborne Street Underpass**

Department: Public Works
Project: 1805002319

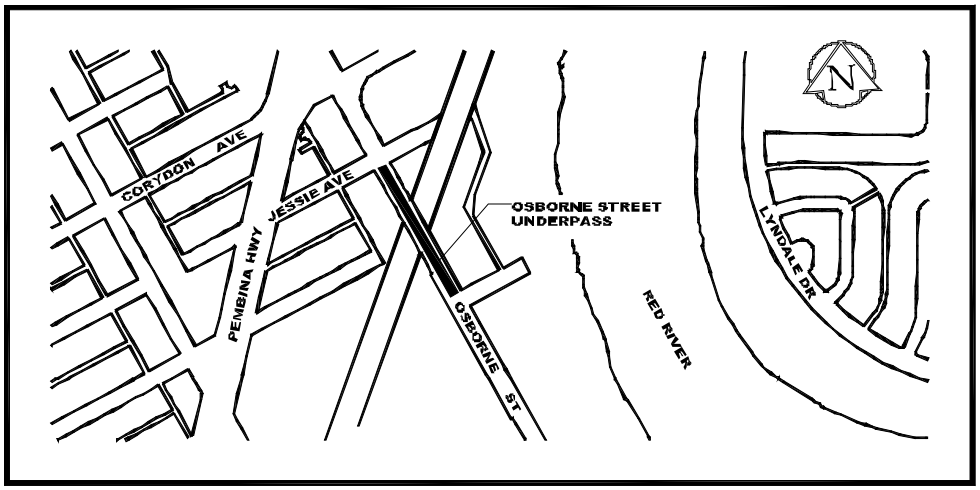
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	2,500	2,500	2,500
Financed by:									
Cash to Capital							1,250	1,250	1,250
Provincial Funding for Road Improvements							1,250	1,250	1,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	2,500	-	2,500
Financed by:								
Cash to Capital						1,250		1,250
Provincial Funding for Road Improvements						1,250		1,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

2019 - Project budget shown is to undertake conceptual study/design, preliminary design, property acquisition, public consultation, and development of a Class 3 cost estimate.



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

Department: Public Works
Project: 1805002118

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	500	500	1,000	1,000
Financed by:									
Cash to Capital						500	500	1,000	1,000

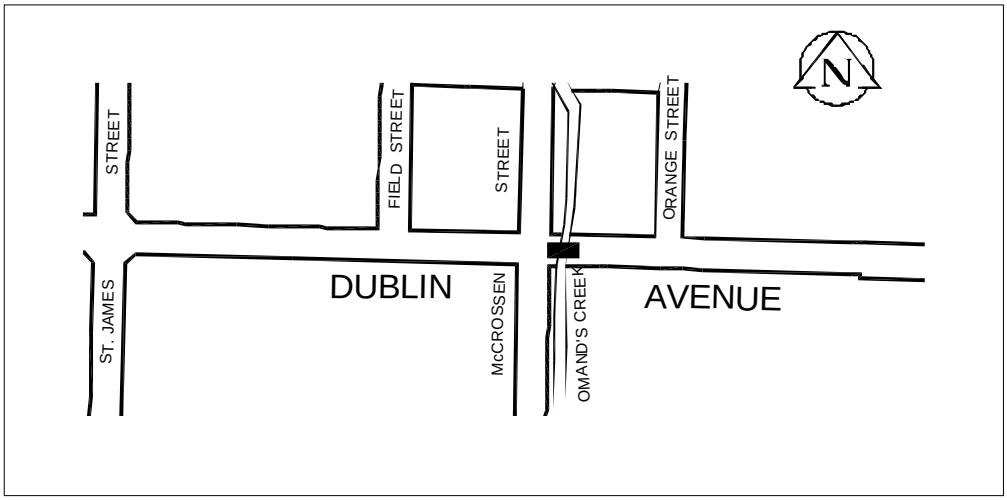
CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	425	500	75	1,000
Financed by:								
Cash to Capital					425	500	75	1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

2018 - Preliminary design for bridge rehabilitation or improvement.

2019 - Detailed design.

2020 - Construction (class 4 estimate - $3.7 million)



Project Name: **Sherwin Road Bridge (Omand's Creek)**

Department: Public Works
Project: 1805002419

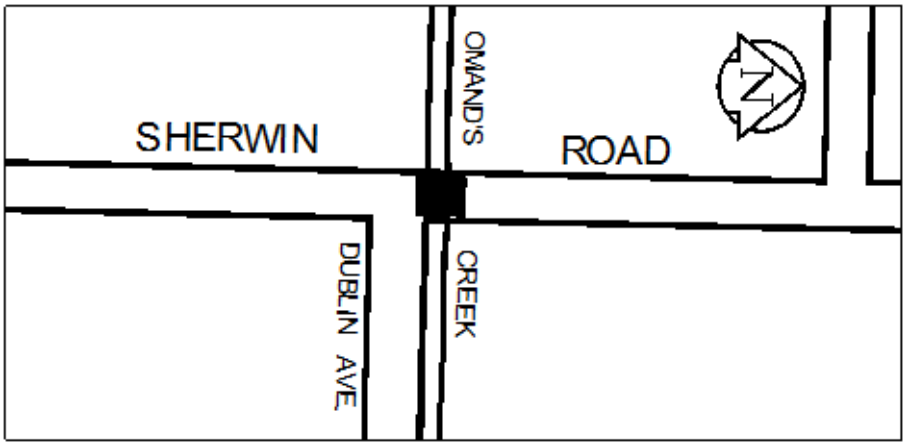
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	700	700	700
Financed by:									
Cash to Capital							700	700	700

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	595	105	700
Financed by:								
Cash to Capital						595	105	700

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

2019 - Preliminary design for bridge rehabilitation or improvement.



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

Department: Public Works
Project: 1805000114

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,000	3,000	3,000	3,000	3,000	3,000	15,000	17,000
Financed by:									
Cash to Capital		2,000	3,000	3,000	3,000	3,000	3,000	15,000	17,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,700	2,850	3,000	3,000	3,000	3,000	450	17,000
Financed by:								
Cash to Capital	1,700	2,850	3,000	3,000	3,000	3,000	450	17,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	2,000	3,000	3,000
Total Direct Costs	2,000	3,000	3,000
Less: Incremental Revenue/Recovery	102	171	180
Net Cost/(Benefit)	1,898	2,829	2,820

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: 1805100114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	*	-	-	-	-	-	-	-	-
Financed by:									
Federal Gas Tax		18,550	18,480	18,400	18,325	18,250	14,900	88,355	106,905
Public Private Partnership Annual Service / Financing Payments		(11,759)	(11,814)	(11,859)	(11,909)	(11,959)	(11,993)	(59,534)	(71,293)
Debt servicing - repayment of debt		(6,791)	(6,666)	(6,541)	(6,416)	(6,291)	(2,907)	(28,821)	(35,612)

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	18,550	18,480	18,400	18,325	18,250	14,900	342,450	449,355
Financed by:								
Federal Gas Tax	18,550	18,480	18,400	18,325	18,250	14,900	342,450	449,355

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Disraeli Bridges and Overpass Facility was procured using a P3 approach and the facility opened on November 19, 2012.

The City will make on-going lease payments to Plenary Roads Winnipeg (PRW) extending until 2042. These payments are required under a 30-year contract with PRW and cover the remaining capital cost of the facility as well as the maintenance of the facility.

There are significant provisions in the contract to ensure the City's performance specifications are met and the facility is returned to the City in good condition at the end of the contract. Costs associated with monitoring this contract are also included in this budget. Payments to PRW are performance based and are reduced where the City's performance specifications are not met.

A portion of the payment to PRW ($1.8 million in 2014) represents an annual amount dedicated to the maintenance of the facility, including long term rehabilitative costs. This amount is adjusted for changes to the Consumer Price Index on an annual basis.

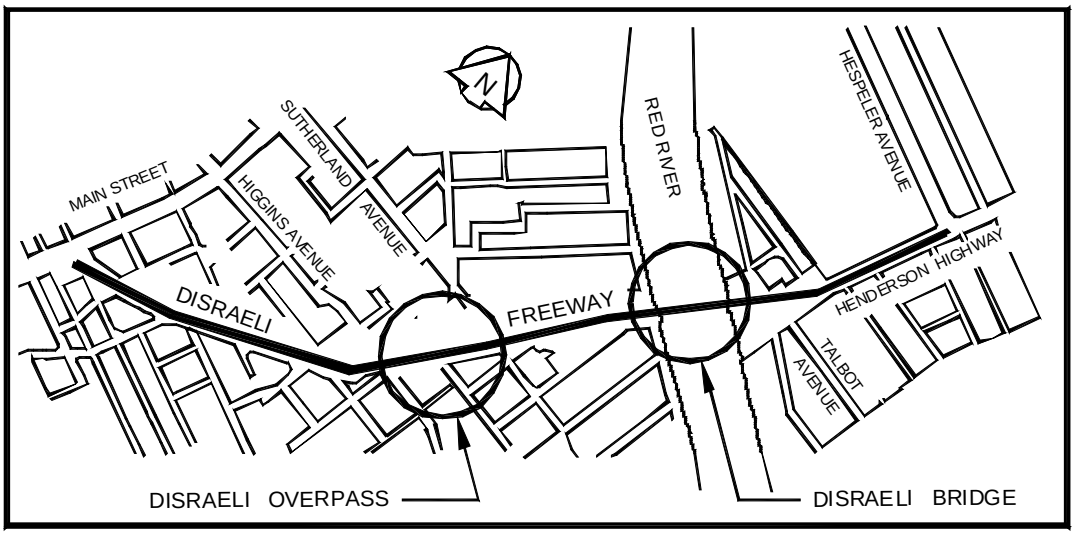
A portion of the project ($75 million) was financed by $25 million in external debt and the balance being financed internally. The Public Service issued $25 million in external debt at an interest rate of 3.759% over a repayment term of 40 years. The outstanding balance of internal financing as at the end of 2013 is $27.7 million and will be repaid over a period of 6 years. Debt servicing represents interest and principal repayment of external debt and internal financing. In the event internal financing was to become unavailable, authority is in place to seek additional external financing.

The above annual estimates include the authorization for the lease and financing payments to be incurred and charged to the projects in the General Capital Fund.

The above annual estimates relate to the maintenance phase of the project and include the authorization for the lease payments and debt servicing related to the facility.

* Council had previously authorized expenditures of $195 million for the construction of the Disraeli Bridge and Overpass Facility. The main facility was opened to traffic in 2012 and the remainder of construction was completed in 2013.

Disraeli Bridge and Overpass Facility (continued):



Project Name: **Charleswood Bridge**

Department: Public Works
Project: 1805001014

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital		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	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,478	1,478	1,478	1,478	1,478	1,478	8,868	17,736
Financed by:								
Cash to Capital - See Note	1,478	1,478	1,478	1,478	1,478	1,478	8,868	17,736

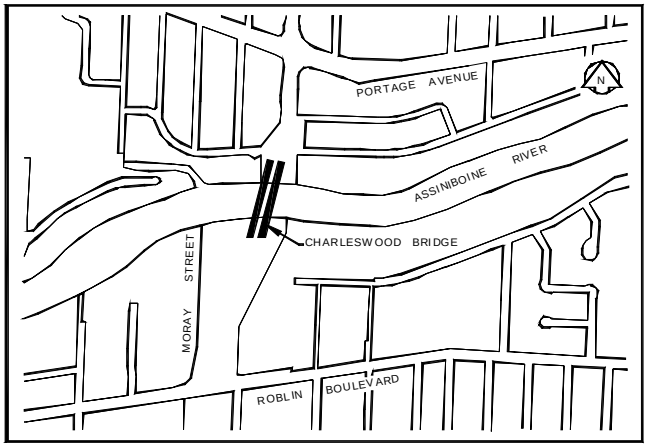
NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,478	1,478	1,478
Total Direct Costs	1,478	1,478	1,478
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	1,478	1,478	1,478

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.

The above annual estimates include the authorization for the lease payments to be incurred and charged to the Project in the General Capital Fund.

Note: Cash flow beyond 2019 equals payments to 2024.



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

Department: Public Works
Project: 1801000214

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	*	2,000	-	-	-	-	-	-	2,000
Financed by:									
Cash to Capital		1,650	1,690	1,735	1,770	1,815	1,855	8,865	10,515
Federal Gas Tax		5,415	5,415	5,415	5,415	5,415	5,415	27,075	32,490
Public Private Partnership Annual Service / Financing Payments		(6,086)	(6,126)	(6,171)	(6,206)	(6,251)	(6,291)	(31,045)	(37,131)
Debt servicing - repayment of debt		(979)	(979)	(979)	(979)	(979)	(979)	(4,895)	(5,874)
Transfer from Prior Year Authorization (2007 Chief Peguis Trail)		2,000						-	2,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	9,065	7,105	7,150	7,185	7,230	7,270	187,757	232,762
Financed by:								
Cash to Capital	1,650	1,690	1,735	1,770	1,815	1,855	71,071	81,586
Federal Gas Tax	5,415	5,415	5,415	5,415	5,415	5,415	116,686	149,176
Transfer from Prior Year Authorization (2007 Chief Peguis Trail)	2,000							2,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,650	1,690	1,735
Total Direct Costs	1,650	1,690	1,735
Less: Incremental Revenue/Recovery	120		
Net Cost/(Benefit)	1,530	1,690	1,735

The Chief Peguis Trail Extension from Henderson Highway to Lagimodiere Boulevard was procured using a P3 approach and the facility opened on December 2, 2011.

There are significant provisions in the contract to ensure the City's performance specifications are met and the facility is returned to the City in good condition at the end of the contract. Costs associated with monitoring this contract are also included in this budget. Payments to DBF2 are performance based and are reduced where the City's performance specifications are not met.

A portion of the payment to DBF2 ($1.5 million in 2014) represents an annual amount dedicated to the maintenance of the facility, including long term rehabilitative costs. This amount is adjusted for changes to the Consumer Price Index on an annual basis.

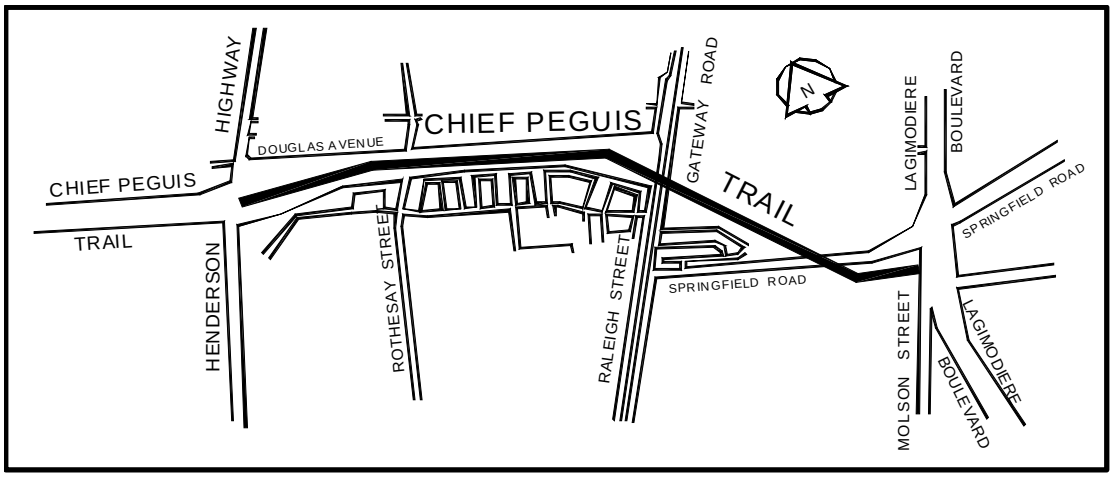
A portion of the project was financed by the City issuing $18.7 million in external debt. The debt servicing above represents the repayment of principal and interest on the external debt associated with the project over a period of 40 years.

The above annual estimates include the authorization for the lease and financing payments to be incurred and charged to the Projects in the General Capital Fund.

In order to construct a roundabout at Gateway and Sun Valley, up to $2 million in 2014 is to be financed by a Transfer from Prior Year Authorization (2007 Chief Peguis Trail).

Chief Peguis Trail (continued):

* Council had previously authorized expenditures of $108.5 million for the construction of the Chief Peguis Trail from Henderson Highway to Lagimodiere Boulevard. The facility was opened to traffic in 2011 and the remainder of construction was completed in 2012. The above annual estimates relate to the maintenance phase of the project and include the authorization for the lease payments and debt servicing related to the facility.



Project Name: **Chief Peguis Trail - Main Street to Route 90**

Department: Public Works
Project: 1801000214

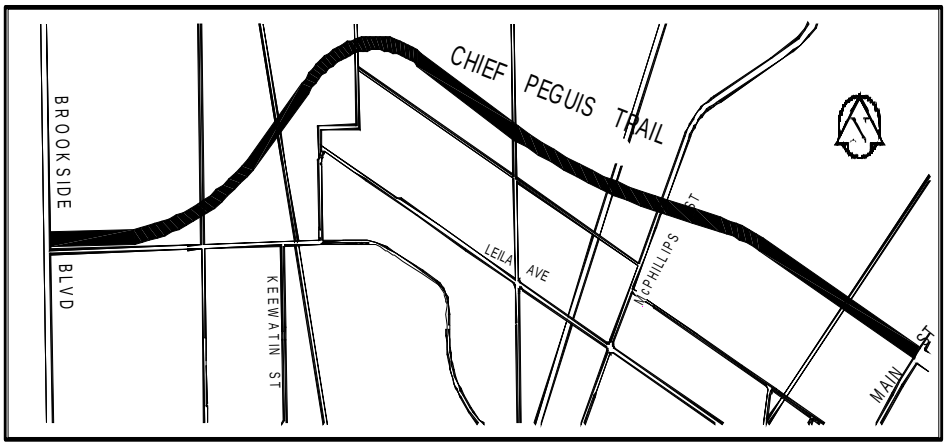
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	1,500	-	-	-	-	-	-	1,500
Financed by:									
Cash to Capital		1,500						-	1,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,500	-	-	-	-	-	-	1,500
Financed by:								
Cash to Capital	1,500							1,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,500		
Total Direct Costs	1,500	-	-
Less: Incremental Revenue/Recovery	45		
Net Cost/(Benefit)	1,455	-	-

2014 - functional design.



Project Name: **William Clement Parkway - Grant Avenue to Wilkes Avenue**

Department: Public Works
Project: 1801000214

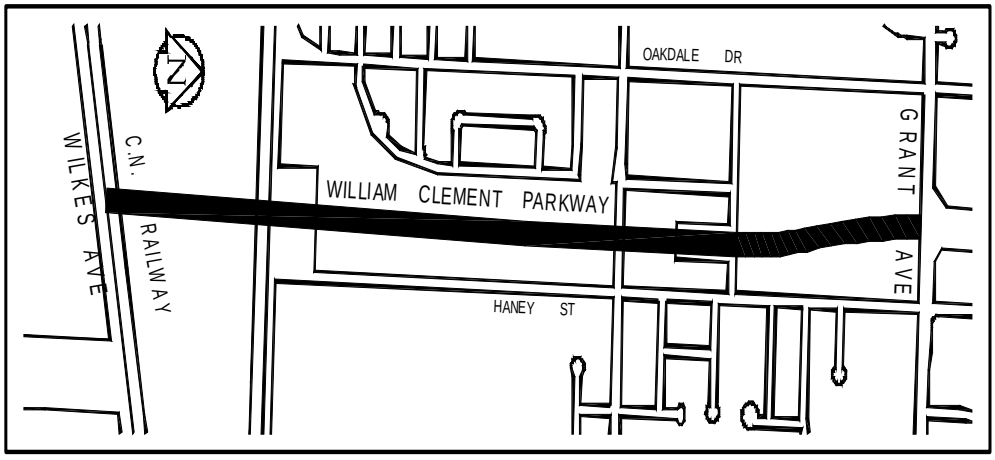
Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	800	-	-	-	-	-	-	800
Financed by:									
Cash to Capital		800						-	800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	800	-	-	-	-	-	-	800
Financed by:								
Cash to Capital	800							800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	800		
Total Direct Costs	800	-	-
Less: Incremental Revenue/Recovery	24		
Net Cost/(Benefit)	776	-	-

2014 - functional design.



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

Department: Public Works
Project: 1803000110

Capital Priority Rating: 3 - 4
Service: Roadway Construction and Maintenance
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	64,003	5,697	-	-	-	-	-	-	5,697
Financed by:									
Cash to Capital	23,270	697						-	697
External Debt		5,000						-	5,000
Transfer from Prior Authorization	7,500							-	-
Building Canada Funding	18,233							-	-
Provincial Government Funding	15,000							-	-

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	4,842	855	-	-	-	-	-	5,697
Financed by:								
Cash to Capital	592	105						697
External Debt	4,250	750						5,000

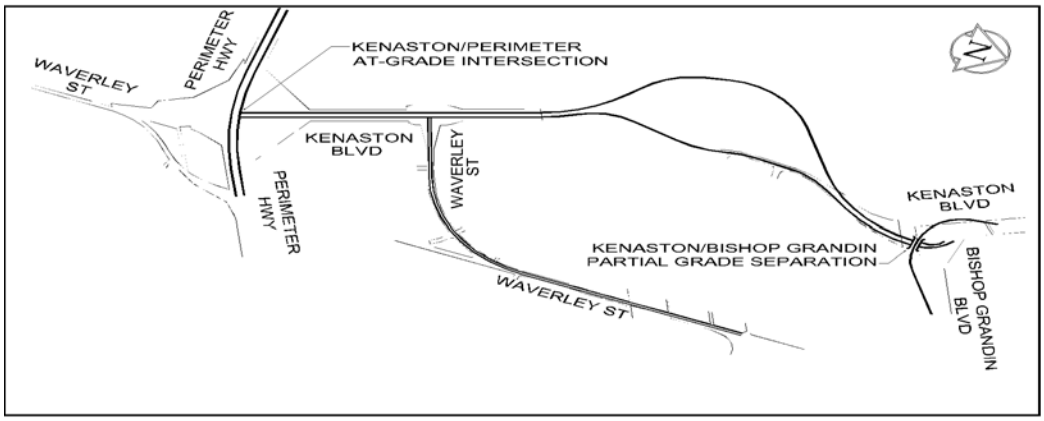
NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	130	200	200
External debt and finance charges		332	332
Transfer to General Capital Fund	697		
Total Direct Costs	827	532	532
Less: Incremental Revenue/Recovery	242	43	
Net Cost/(Benefit)	585	489	532

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 was 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 Provincial Trunk Highway (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, and the decommissioning of the at grade intersection of Waverley and PTH 100.

Funds adopted in the 2009 Capital Budget for the Kenaston Boulevard extension and Bishop Grandin intersection have been transferred to this project. Recent project estimate projections, based on updated design and actual costs of project elements undertaken prior to 2013, indicated a further budget of up to $15 million. The project includes an authorization of $15 million in 2013 and 2014 budgets.

Waverley West Arterial Roads (continued):



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

Department: Public Works
Project: 1812000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	405	-	-	100	100	100	300	705
Financed by:									
Cash to Capital		405			100	100	100	300	705

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	344	61	-	85	100	100	15	705
Financed by:								
Cash to Capital	344	61		85	100	100	15	705

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	405		
Total Direct Costs	405	-	-
Less: Incremental Revenue/Recovery	21	4	
Net Cost/(Benefit)	384	(4)	-

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. Funds are required to implement new or maintain existing asset management programs.

Funds will be allocated to:	2014	2015	2016	2017	2018	2019	Total
Traffic Signals Branch, Transportation Division	50						50
Traffic Services Branch, Streets Maintenance Division	25						25
Asset Management Branch, Engineering Division	100			100	100	100	400
Park Services Operational Support Branch, Parks and Open Spaces Division	230						230
	405	**-**	**-**	**100**	**100**	**100**	**705**

* 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: 1813000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		300	300	300	300	300	300	1,500	1,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	255	300	300	300	300	300	45	1,800
Financed by:								
Cash to Capital	255	300	300	300	300	300	45	1,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	300	300	300
Total Direct Costs	300	300	300
Less: Incremental Revenue/Recovery	15	18	18
Net Cost/(Benefit)	285	282	282

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: 1834000114

Capital Priority Rating: 3 - 4
Service: Transportation Planning and Traffic Management
OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		300	300	300	300	300	300	1,500	1,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	300	300	300	300	300	-	1,800
Financed by:								
Cash to Capital	300	300	300	300	300	300		1,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	300	300	300
Total Direct Costs	300	300	300
Less: Incremental Revenue/Recovery	18	18	18
Net Cost/(Benefit)	282	282	282

Allowance for the acquisition of land for future transportation rights-of-way was not included in any specific capital project within the given year's capital program. This program facilitates 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.

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

Project Name: **Reforestation - Improvements**

Department: Public Works
Project: 1850000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,000	383	383	383	383	383	1,915	2,915
Financed by:									
Cash to Capital		1,000	383	383	383	383	383	1,915	2,915

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	850	476	383	383	383	383	57	2,915
Financed by:								
Cash to Capital	850	476	383	383	383	383	57	2,915

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	65	25	25
External debt and finance charges			
Transfer to General Capital Fund	1,000	383	383
Total Direct Costs	1,065	408	408
Less: Incremental Revenue/Recovery	26	14	11
Net Cost/(Benefit)	1,039	394	397

Sustainable urban forest management program may include tree replacement, tree pruning, improvement of tree vaults, grates or wells, and inventory along City boulevards, plazas, and parks.

In 2014, up to $500,000 is to be allocated for the removal and replacement of city-owned Schubert Cherry trees that have succumbed to Black Knot or other environmental factors.

* 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: 1852000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,000	124	200	200	200	200	924	1,924
Financed by:									
Cash to Capital		1,000	124	200	200	200	200	924	1,924

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,000	124	200	200	200	200	-	1,924
Financed by:								
Cash to Capital	1,000	124	200	200	200	200		1,924

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	50	66	76
External debt and finance charges			
Transfer to General Capital Fund	1,000	124	200
Total Direct Costs	1,050	190	276
Less: Incremental Revenue/Recovery	30	4	6
Net Cost/(Benefit)	1,020	186	270

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.

2014 - Art McOuat Soccer/Football Pitch (Maginot)

- Other locations to be determined.

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

Project Name: **Parks - Improvements**

Department: Public Works
Project: 1853000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	653	655	655	655	655	655	3,275	3,928
Financed by:									
Cash to Capital		653	655	655	655	655	655	3,275	3,928

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	555	655	655	655	655	655	98	3,928
Financed by:								
Cash to Capital	555	655	655	655	655	655	98	3,928

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	20	61	102
External debt and finance charges			
Transfer to General Capital Fund	653	655	655
Total Direct Costs	673	716	757
Less: Incremental Revenue/Recovery	17	20	20
Net Cost/(Benefit)	656	696	737

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

2014 funds will be allocated to Kildonan Park staff house and garage replacement.

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

Project Name: **Regional and Community Parks - Buildings**

Department: Public Works
Project: 1854000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,350	2,000	-	2,150	-	-	100	2,250	4,250
Financed by:									
Cash to Capital		2,000		2,150			100	2,250	4,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,700	300	1,828	322	-	85	15	4,250
Financed by:								
Cash to Capital	1,700	300	1,828	322		85	15	4,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	2,000		2,150
Total Direct Costs	2,000	-	2,150
Less: Incremental Revenue/Recovery	51	9	55
Net Cost/(Benefit)	1,949	(9)	2,095

Refurbishment and replacement of aging park buildings.

Funds will be allocated to:	2014	2015	2016	2017	2018	2019	Total
Crescent Park Drive - picnic shelter and washroom replacement*	650						650
Kildonan Park - Staff House and Garage Replacement	1,350						1,350
La Barriere Park - Washroom/Warm-up Building complete refurbishment			500				500
Kildonan Park - Rainbow Stage refurbishment			1,650				1,650
Assiniboine Park Zoo Complex Sewer Siphon Assiniboine River Crossing - Condition Inspection/ Assessment.						100	100
	2,000	**-**	**2,150**	**-**	**-**	**100**	**4,250**

* Contingent upon an additional $200,000 to be funded from the Parks and Recreation Enhancement Program for a total project budget of $850,000.

Project Name: **Burton Cummings Community Centre - Fitness Trail**

Department: Public Works
Project: 1855000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	125	-	-	-	-	-	-	125
Financed by:									
Cash to Capital		125						-	125

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	106	19	-	-	-	-	-	125
Financed by:								
Cash to Capital	106	19						125

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	8	8	8
External debt and finance charges			
Transfer to General Capital Fund	125		
Total Direct Costs	133	8	8
Less: Incremental Revenue/Recovery	3	1	
Net Cost/(Benefit)	130	7	8

Funding of $125,000 towards a fitness trail, contingent upon an additional $100,000 to be funded from the Parks and Recreation Enhancement Program for a total project budget of $225,000.

Project Name: **Hardsurface Upgrading**

Department: Public Works
Project: 1856000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	150	-	150	150	150	150	600	750
Financed by:									
Cash to Capital		150		150	150	150	150	600	750

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	128	22	128	150	150	150	22	750
Financed by:								
Cash to Capital	128	22	128	150	150	150	22	750

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	150		150
Total Direct Costs	150	-	150
Less: Incremental Revenue/Recovery	4	1	4
Net Cost/(Benefit)	146	(1)	146

Upgrading of plazas, pathways, roadways, tennis courts, basketball courts and skate board parks at various parks locations.

2014 funds will be allocated to McFadyen Park - Tennis Court.

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

Project Name: **Parks and Recreation Enhancement Program**

Department: Public Works
Project: 1857000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	6,300	3,300	3,300	3,300	3,300	3,300	16,500	22,800
Financed by:									
Cash to Capital		6,300	3,300	3,300	3,300	3,300	3,300	16,500	22,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	5,355	3,750	3,300	3,300	3,300	3,300	495	22,800
Financed by:								
Cash to Capital	5,355	3,750	3,300	3,300	3,300	3,300	495	22,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	189	288	387
External debt and finance charges			
Transfer to General Capital Fund	6,300	3,300	3,300
Total Direct Costs	6,489	3,588	3,687
Less: Incremental Revenue/Recovery	321	225	198
Net Cost/(Benefit)	6,168	3,363	3,489

A new Parks and Recreation Enhancement Program focused on playground structure and park amenity replacement (including park signage, park furniture, fencing, lighting, pathways, hard surfacing, vegetation, play equipment), and other parks and recreation enhancements.

The new program amalgamates and enhances the former Community Park Amenities and Playground Structures programs for a $3 million increase from $3.3 million to $6.3 million in 2014, and the following capital projects are contingent on the provision of partial funding from the new Parks and Recreation Enhancement Program (specific funding information/conditions provided on respective capital detail sheets):

- Daniel McIntyre Recreation Initiative;
- St. Vital Centennial Arena;
- Crescent Drive Park;
- Tache Promenade;
- Burton Cummings Community Centre fitness trail;
- Transcona Centennial Pool;
- Valley Gardens Community Club splash pad;
- Machray Park splash pad; and
- Seven Oaks Indoor Pool renovations.

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

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

Department: Public Works
Project: 1858000215

Capital Priority Rating: 1 - 4
Service: Insect Control
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	1,250	-	-	-	-	1,250	1,250
Financed by:									
Cash to Capital			1,250					1,250	1,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	1,063	187	-	-	-	-	1,250
Financed by:								
Cash to Capital		1,063	187					1,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		1,250	
Total Direct Costs	-	1,250	-
Less: Incremental Revenue/Recovery		32	6
Net Cost/(Benefit)	-	1,218	(6)

This project will create a totally integrated Insect Control information system that includes: dispatch, inventory control, billing, tracking and 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.

The information system is expected to provide 10 years of service.

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

Department: Public Works
Project: 1858000318

Capital Priority Rating: 1 - 4
Service: Insect Control
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	1,000	-	1,000	1,000
Financed by:									
Cash to Capital						1,000		1,000	1,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	850	150	-	1,000
Financed by:								
Cash to Capital					850	150		1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

The building is expected to provide 40 years of service life.

Project Name: **Dutch Elm Disease Strategy**

Department: Public Works
Project: 1858000114

Capital Priority Rating: 3 - 4
Service: Parks and Urban Forestry
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,754	2,600	2,600	2,600	2,600	2,600	2,600	13,000	15,600
Financed by:									
Transfer from Departmental Non-Specified Capital Account	1,404								-
Cash to Capital		1,300	1,300	1,300	1,300	1,300	1,300	6,500	7,800
Provincial Funding for DED Strategy	1,350	1,300	1,300	1,300	1,300	1,300	1,300	6,500	7,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	2,600	2,600	2,600	2,600	2,600	2,600	-	15,600
Financed by:								
Cash to Capital	1,300	1,300	1,300	1,300	1,300	1,300		7,800
Provincial Funding for DED Strategy	1,300	1,300	1,300	1,300	1,300	1,300		7,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	550	618	618
External debt and finance charges			
Transfer to General Capital Fund	1,300	1,300	1,300
Total Direct Costs	1,850	1,918	1,918
Less: Incremental Revenue/Recovery	52	52	52
Net Cost/(Benefit)	1,798	1,866	1,866

The proposed Dutch Elm Disease (DED) management strategy aligns directly with the Government of Manitoba's eight-year strategic action plan, TomorrowNow - Manitoba's Green Plan which identifies a call to action for stronger invasive species measures including DED management. Enhanced protection of our urban forest from DED plays a role in all of the key priorities outlined in TomorrowNow including the role of the urban forest in mitigating the impacts of climate change (greenhouse gas reduction) to our communities and quality of life. The enhanced program (for both capital and operating) is subject to provincial funding.

A full enhanced management strategy includes:

Activity (in $000s)	Total Cost of Activity	Capital Budget	Provincial Share - capital	Operating Budget	Provincial Share - operating
Increased Surveillance/Rapid Removal Pilot	900			450	450
Enhanced Elm Bark Beetle Control	200			100	100
Tree Replacement Ratio 2:1	2,000	1,000	1,000		
Subsidize Private Property Tree Planting	600	300	300		
	3,700	**1,300**	**1,300**	**550**	**550**

Back to Capital Project Detail Table of Contents

Back to Capital Projects Summary

Project Name: **Community Incentive Grant Program**

Department: Community Services
Project: 6251000114

Capital Priority Rating: 1 - 1
Service: Neighbourhood Revitalization
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,600	1,632	1,665	1,698	1,732	1,767	8,494	10,094
Financed by:									
Cash to Capital		1,600	1,632	1,665	1,698	1,732	1,767	8,494	10,094

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,600	1,632	1,665	1,698	1,732	1,767	-	10,094
Financed by:								
Cash to Capital	1,600	1,632	1,665	1,698	1,732	1,767		10,094

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,600	1,632	1,665
Total Direct Costs	1,600	1,632	1,665
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	1,600	1,632	1,665

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 and again July 18, 2012, Council adopted expanded criteria for the Program.

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

See also Machray Park - Splash Pad page 2-139, which is contingent upon a $100,000 contribution from this program.

As this is a capital grant program, it is exempt from the following overhead: 1% administration, 2% interest charges.

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

Project Name: **Library Interior Infrastructure Replacement Program**

Department: Community Services
Project: 6211000514

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	300	306	312	1,318	1,518
Financed by:									
Cash to Capital		200	200	200	300	306	312	1,318	1,518

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	200	300	306	312	-	1,518
Financed by:								
Cash to Capital	200	200	200	300	306	312		1,518

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	200	200
Total Direct Costs	200	200	200
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	200	200	200

Continued capital funding is required to replace library interior infrastructure (e.g. workstations, public work space, furniture, shelving). Much of the interior infrastructure are from the original opening of those facilities. Replacement is required, 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 program's on-going nature.

Project Name: **Library Facility Redevelopment - Transcona Library**

Department: Community Services
Project: 6213000114

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	5,383	-	-	-	-	-	-	5,383
Financed by:									
External Debt		5,383							5,383

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	5,383	-	-	-	-	-	-	5,383
Financed by:								
External Debt	5,383							5,383

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs		553	538
External debt and finance charges	179	357	357
Transfer to General Capital Fund			
Total Direct Costs	179	910	895
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	179	910	895

Capital funds are projected based on the "Library Facility Redevelopment Strategy" June 2012 administrative report. Funds are necessary to replace and furnish modern, safe, and accessible libraries that are able to accommodate the changing needs of library users.

The Library Redevelopment Strategy includes a plan for eight existing city library facilities:

- 2013 - Charleswood, Windsor Park - Boni-Vital site and St. Vital

- 2014 - Transcona

- 2015 - River Heights

- 2017 - Westwood

- 2018 - St. James

- 2020 - West Kildonan

Capital funds in 2014 include $5.083 million for Transcona Library and an additional $300,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) at the library. Both the $5.083 million and $300,000 are included in the projections of the "Library Facility Redevelopment Strategy".

In 2013, Council adopted funding as projected in the June 2012 administrative report in the amount of $6.776 million for redevelopment and/or relocation of Charleswood, Windsor Park-Boni Vital site and St. Vital libraries. This $6.776 million along with $600,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) for the sites comprise the previous budget amount of $7.376 million.

Final authorization(s) for each library facility are dependent on separate report(s) to Council outlining lease vs. build options for each new facility.

Incremental operating funds required for each library branch redevelopment will be included in the Operating Budget as each library branch project comes forward for final approval. The projected costs for 2015 and 2016 as noted above are estimates for Municipal Accommodations costs and are not included in the Operating Budget.

Project Name: **Library Facility Redevelopment - River Heights Library**

Department: Community Services
Project: 6213000115

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	5,560	-	-	-	-	5,560	5,660
Financed by:									
External Debt		100	5,560					5,560	5,660

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	5,560	-	-	-	-	-	5,660
Financed by:								
External Debt	100	5,560						5,660

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges	3	236	404
Transfer to General Capital Fund			
Total Direct Costs	3	236	404
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	3	236	404

Capital funds are projected based on the "Library Facility Redevelopment Strategy" June 2012 administrative report. Funds are necessary to replace and furnish modern, safe, and accessible libraries that are able to accommodate the changing needs of library users.

The Library Redevelopment Strategy includes a plan for eight existing city library facilities:

- 2013 - Charleswood, Windsor Park - Boni-Vital site and St. Vital

- 2014 - Transcona

- 2015 - River Heights

- 2017 - Westwood

- 2018 - St. James

- 2020 - West Kildonan

Capital funding is required in 2014 for preliminary planning purposes.

Capital funds in 2015 include $5.260 million for River Heights Library and additional $300,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) at the library. $5.660 million is included in the projections of the "Library Facility Redevelopment Strategy".

In 2013, Council adopted funding as projected in the June 2012 administrative report in the amount of $6.776 million for redevelopment and/or relocation of Charleswood, Windsor Park-Boni Vital site and St. Vital libraries. This $6.776 million along with $600,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) for the sites comprise the previous budget amount of $7.376 million.

Final authorization(s) for each library facility are dependent on separate report(s) to Council outlining lease vs. build options for each new facility.

Incremental operating funds required for each library branch redevelopment will be included in the Operating Budget as each library branch project comes forward for final approval, therefore, no operating costs are noted above.

Project Name: **Library Facility Redevelopment - Westwood Library**

Department: Community Services
Project: 6213000117

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	-	-	1,468	-	-	1,468	1,568
Financed by:									
Cash to Capital		100						-	100
External Debt					1,468			1,468	1,468

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	-	-	1,468	-	-	-	1,568
Financed by:								
Cash to Capital	100							100
External Debt				1,468				1,468

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100		
Total Direct Costs	100	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	100	-	-

Capital funds are projected based on the "Library Facility Redevelopment Strategy" June 2012 administrative report. Funds are necessary to replace and furnish modern, safe, and accessible libraries that are able to accommodate the changing needs of library users.

The Library Redevelopment Strategy includes a plan for eight existing city library facilities:

- 2013 - Charleswood, Windsor Park - Boni-Vital site and St. Vital

- 2014 - Transcona

- 2015 - River Heights

- 2017 - Westwood

- 2018 - St. James

- 2020 - West Kildonan

Capital funding is required in 2014 for planning and evaluation of library replacement options (including lease options).

Capital leasehold improvement funds in 2017 include $1.168 million for Westwood Library and additional $300,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) at the library. Both the $1.168 million and $300,000 are included in the projections of the "Library Facility Redevelopment Strategy".

Library Facility Redevelopment - Westwood Library (continued):

In 2013, Council adopted funding as projected in the June 2012 administrative report in the amount of $6.776 million for redevelopment and/or relocation of Charleswood, Windsor Park-Boni Vital site and St. Vital libraries. This $6.776 million along with $600,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) for the sites comprise the previous budget amount of $7.376 million.

Final authorization(s) for each library facility are dependent on separate report(s) to Council outlining lease vs. build options for each new facility.

Incremental operating funds required for each library branch redevelopment will be included in the Operating Budget as each library branch project comes forward for final approval, therefore, no operating costs are noted above.

Project Name: **Library Facility Redevelopment - St. James Library**

Department: Community Services
Project: 6213000118

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	6,492	-	6,492	6,492
Financed by:									
External Debt						6,492		6,492	6,492

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	6,492	-	-	6,492
Financed by:								
External Debt					6,492			6,492

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Capital funds are projected based on the "Library Facility Redevelopment Strategy" June 2012 administrative report. Funds are necessary to replace and furnish modern, safe, and accessible libraries that are able to accommodate the changing needs of library users.

The Library Redevelopment Strategy includes a plan for eight existing city library facilities:

- 2013 - Charleswood, Windsor Park - Boni-Vital site and St. Vital

- 2014 - Transcona

- 2015 - River Heights

- 2017 - Westwood

- 2018 - St. James

- 2020 - West Kildonan

Capital funds in 2018 include $6.192 million for St. James Library and additional $300,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) at the library. Both the $6.192 million and $300,000 are included in the projections of the "Library Facility Redevelopment Strategy".

In 2013, Council adopted funding as projected in the June 2012 administrative report in the amount of $6.776 million for redevelopment and/or relocation of Charleswood, Windsor Park-Boni Vital site and St. Vital libraries. This $6.776 million along with $600,000 for interior infrastructure (e.g. workstations, public work space, furniture and shelving) for the sites comprise the previous budget amount of $7.376 million.

Final authorization(s) for each library facility are dependent on separate report(s) to Council outlining lease vs. build options for each new facility.

Incremental operating funds required for each library branch redevelopment will be included in the Operating Budget as each library branch project comes forward for final approval, therefore, no operating costs are noted above.

Project Name: **Library Refurbishment and Redevelopment Program - Existing Infrastructure**

Department: Community Services
Project: 6210634116

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	500	500	510	520	2,030	2,030
Financed by:									
Cash to Capital				500	500	510	520	2,030	2,030

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	500	500	510	520	-	2,030
Financed by:								
Cash to Capital			500	500	510	520		2,030

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			500
Total Direct Costs	-	-	500
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	500

This capital program is required to support ongoing renovations of existing library branch infrastructure that cannot be supported within the Municipal Accommodations capital budget. Funding will be used to undertake minor and major construction projects in order to improve library facilities to meet the changing needs of library users.

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

Project Name: **Library Refurbishment and Redevelopment Program - Existing Infrastructure: Cornish Library**

Department: Community Services
Project: 6210634114

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	2,250	-	-	-	-	2,250	2,500
Financed by:									
Cash to Capital		250	1,000					1,000	1,250
Winnipeg Library Foundation			1,250					1,250	1,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	250	2,250	-	-	-	-	-	2,500
Financed by:								
Cash to Capital	250	1,000						1,250
Winnipeg Library Foundation		1,250						1,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	250	1,000	
Total Direct Costs	250	1,000	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	250	1,000	-

Capital funding is required to support major renovations at the Cornish Library, 20 Westgate Avenue, in partnership with the Winnipeg Library Foundation. The estimated total project costs is $2.680 million funded as follows:

- $1,250,000 Community Services Department

- $1,250,000 Winnipeg Library Foundation

- $180,000 Planning, Property and Development Municipal Accommodations Division

Winnipeg Library Services expects to receive matching funds from the Winnipeg Library Foundation through their initiatives by the end of 2015. If these funds do not meet the expected amount of $1.250 million, the scope of the project will be scaled back to fit within the available funding.

Funding contribution from Planning, Property and Development Municipal Accommodations Division is estimated at $180,000 and is included in the Division's capital budget.

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

Project Name: **Library Refurbishment and Redevelopment Program - Existing Infrastructure: St. John's Library**

Department: Community Services
Project: 6210634214

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	2,250	-	-	-	-	2,250	2,500
Financed by:									
Cash to Capital		250	1,000					1,000	1,250
Winnipeg Library Foundation			1,250					1,250	1,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	250	2,250	-	-	-	-	-	2,500
Financed by:								
Cash to Capital	250	1,000						1,250
Winnipeg Library Foundation		1,250						1,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	250	1,000	
Total Direct Costs	250	1,000	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	250	1,000	-

Capital funding is required to support major renovations at the St. John's Library, 500 Salter Street, in partnership with the Winnipeg Library Foundation. The estimated total project costs is $2.575 million funded as follows:

- $1,250,000 Community Services Department

- $1,250,000 Winnipeg Library Foundation

- $75,000 Planning, Property and Development Municipal Accommodations Division

Winnipeg Library Services expects to receive matching funds from the Winnipeg Library Foundation through their initiatives by the end of 2015. If these funds do not meet the expected amount of $1.250 million, the scope of the project will be scaled back to fit within the available funding.

Funding contribution from Planning, Property and Development Municipal Accommodations Division is estimated at $75,000 and is included in the Division's capital budget.

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

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

Department: Community Services
Project: 626200014

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	500	500	500	510	520	2,530	3,030
Financed by:									
Cash to Capital		500	500	500	500	510	520	2,530	3,030

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	500	500	510	520	-	3,030
Financed by:								
Cash to Capital	500	500	500	500	510	520		3,030

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	100	100	150
External debt and finance charges			
Transfer to General Capital Fund	500	500	500
Total Direct Costs	600	600	650
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	600	600	650

The Winnipeg Library Service supports the digital economy and fosters digital literacy by making public access computers available to all customers. Annual capital funds are required to upgrade and replace public access and staff personal computers and support new innovative and efficient technology applications in libraries to address the changing needs of customers and move towards consistent services levels in all facilities by:

- Increasing the number of public access computers system wide.

- Upgrading and replacing aging public access computers, monitors and peripheral devices.

- Providing access to public training sessions using current eReader and mobile technology.

- Expanding and enhancing information services through technological innovation and digitization projects.

The acquisition of Information Technology has an impact on the Winnipeg Library Services operating budget due to maintenance and/or licensing costs associated with equipment and applications. The estimated annual operating costs for maintenance and licensing is $100,000 each year increasing to $150,000 in year three.

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

Project Name: **Recreational Facility Safety and Accessibility Improvements Program**

Department: Community Services
Project: 62500000114

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	500	600	600	612	624	2,936	3,436
Financed by:									
Cash to Capital		500	500	600	600	612	624	2,936	3,436

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	600	600	612	624	-	3,436
Financed by:								
Cash to Capital	500	500	600	600	612	624		3,436

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500	500	600
Total Direct Costs	500	500	600
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	500	500	600

This capital program addresses workplace and public safety, health, and accessibility issues that are not part of the current service level agreement with the Municipal Accommodations Division of the Planning, Property and Development Department.

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.

New demands require new and improved 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 be funded and 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 program's on-going nature.

Project Name: **Library Facility Safety and Accessibility Improvements Program**

Department: Community Services
Project: 6210634514

Capital Priority Rating: 1 - 2
Service: Libraries
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	204	208	1,012	1,212
Financed by:									
Cash to Capital		200	200	200	200	204	208	1,012	1,212

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	200	200	204	208	-	1,212
Financed by:								
Cash to Capital	200	200	200	200	204	208		1,212

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	200	200
Total Direct Costs	200	200	200
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	200	200	200

Capital funding is required 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 including upgrading lighting, installing video monitoring technology, regular landscape maintenance, and other building upgrades as 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 way finding 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 program's on-going nature.

Project Name: **Business Application Systems**

Department: Community Services
Project: 6260000113

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	-	-	-	250	306	312	868	868
Financed by:									
Cash to Capital					250	306	312	868	868

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	250	306	312	-	868
Financed by:								
Cash to Capital				250	306	312		868

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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, Neighbourhoods of Winnipeg [neighbourhood profiles]) 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: **Recreation Equipment Program**

Department: Community Services
Project: 6251000215

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	400	-	400	-	400	1,200	1,200
Financed by:									
Cash to Capital			400		400		400	1,200	1,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	400	-	400	-	400	-	1,200
Financed by:								
Cash to Capital		400		400		400		1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		400	
Total Direct Costs	-	400	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	400	-

Capital funding is required to purchase recreation equipment to meet the program needs of patrons in new and/or expanded facilities. This capital request coincides with the longer term plan of building new, refurbishing, expanding, and/or improving recreation facilities with the "Recreation Facility Replacement - New Infrastructure" capital project.

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

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

Department: Community Services
Project: 6262000114

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	250	-	-	-	306	-	306	556
Financed by:									
Cash to Capital		250				306		306	556

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	250	-	-	-	306	-	-	556
Financed by:								
Cash to Capital	250				306			556

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	250		
Total Direct Costs	250	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	250	-	-

Capital funding is required every three to four years in order to maintain life cycle replacement schedules of existing hardware as the Computer Replacement Reserve will be insufficient to meet required needs.

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

Project Name: **Recreation Facility Replacement - New Infrastructure**

Department: Community Services
Project: 6253000114

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	350	-	-	7,301	-	3,276	10,577	10,927
Financed by:									
Cash to Capital		350			7,301		3,276	10,577	10,927

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	350	-	-	7,301	-	3,276	-	10,927
Financed by:								
Cash to Capital	350			7,301		3,276		10,927

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	350		
Total Direct Costs	350	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	350	-	-

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).

Capital funding is required in 2014 to commission a feasibility study to determine the scope and level 3 estimate for the development of an integrated multi-use Community Campus in the expanding Waverley West Community. Population growth and new development in the south quadrant of the city increases the need to replace or expand recreation amenities to meet the citizen demand.

Funding in 2017 and 2019 is for future projects that could include joint use facilities, multi-use recreation and leisure facilities, and stand alone facilities based on the results of the 2014 feasibility study (Recreation, Leisure and Library Facility Policy). A first call in 2016 on a portion of the 2017 capital budget may be required.

Project Name: **Recreation Refurbishment and Redevelopment Program - Existing Infrastructure**

Department: Community Services
Project: 6251000216

Capital Priority Rating: 1 - 2
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	-	1,500	-	1,040	1,040	3,580	3,580
Financed by:									
Cash to Capital				1,500		1,040	1,040	3,580	3,580

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	1,500	-	1,040	1,040	-	3,580
Financed by:								
Cash to Capital			1,500		1,040	1,040		3,580

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			1,500
Total Direct Costs	-	-	1,500
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	1,500

This capital program is required to support renovations of existing recreation and aquatic facility infrastructure. Funding will be used to undertake minor and major construction projects in order to improve facilities and meet the changing needs of recreation and aquatic facility users.

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

Project Name: **Community Centre Renovation Grant Program (CCReno)**

Department: Community Services
Project: 6252000114

Capital Priority Rating: 1 - 1
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	965	965	965	965	965	965	4,825	5,790
Financed by:									
Land Operating Reserve		965	965	965	965	965	965	4,825	5,790

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	965	965	965	965	965	965	-	5,790
Financed by:								
Land Operating Reserve	965	965	965	965	965	965		5,790

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Community Centre Renovation Grant Program (CCReno), approved in January 2012, provides dedicated funding to renovation projects for city-owned, board-run community centres in order to maintain and/or improve community centre infrastructure. The program is open to all GCWCC community centres in Winnipeg, is subject to an application process with an intake period of once per year, project evaluation completed by a joint committee of GCWCC and the City, with maximum City contributions to each project of $50,000 per project.

The creation of the annual CCReno of up to $965,000 each year, is funded by the Land Operating Reserve. Transfers from the Land Operating Reserve (not to exceed $1.2 million in aggregate) to the General Revenue Fund ($235,000 for GCWCC programming grant) and General Capital Fund ($965,000 for this CCReno) are to be equal to 15% of the aggregate of gross land sales and the City's proportionate share of land sales derived from government business partnerships for the fiscal year two years prior to the budget year under consideration (e.g. transfer amounts for the 2014 budget year are based on 15% of the aggregate of actual gross land sales and the City's proportionate share of land sales derived from government business partnerships from 2012).

If actual gross land sales and the City's proportionate share of land sales derived from government business partnerships are less than the amount to achieve the maximum $1.2 million (i.e. $235,000 programming grant + $965,000 for the CCReno) aggregate amount for this program, the transfer to the General Revenue Fund of up to $235,000 is made first with the residual balance, if any, transferred to the General Capital Fund for the CCReno.

As this is a capital grant program, it is exempt from the following overhead: 1% administration, 2% interest charges.

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

Project Name: **Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability**

Department: Community Services
Project: 6206402014

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	5,123	5,123	5,123	5,123	5,123	5,123	25,615	30,738
Financed by:									
Cash to Capital		5,123	5,123	5,123	5,123	5,123	5,123	25,615	30,738

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	5,123	5,123	5,123	5,123	5,123	5,123	-	30,738
Financed by:								
Cash to Capital	5,123	5,123	5,123	5,123	5,123	5,123		30,738

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	5,123	5,123	5,123
Total Direct Costs	5,123	5,123	5,123
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	5,123	5,123	5,123

These capital dollars represent the City's ongoing commitment to Assiniboine Park building repairs, upgrades and park improvements.

The first year of funding for this project was 2010 ($5.123 million each year from 2010 to 2013).

The release of capital funds is subject to annual explanation and submission of projected cash flow needs to the Public Service.

On April 24, 2013 Council adopted a first charge on the 2014 Capital Budget of up to $3.123 million prior to the adoption of the 2014 Capital Budget to allow for the timely replacement of the Zoo South Gate project.

A first call on the 2015 capital budget of $2.082 million is recommended in this budget and a first call on the 2016 capital budget of $1.041 million may be required.

As this project is a capital grant, it is exempt from the following overhead: 1% administration, 2% interest charges.

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

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

Department: Community Services
Project: 6206404014

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	19,352	9,251	4,503	4,638	2,740	4,727	4,788	21,396	30,647
Financed by:									
Cash to Capital		9,251	4,503	4,638	2,740	4,727	4,788	21,396	30,647

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	9,251	4,503	4,638	2,740	4,727	4,788	-	30,647
Financed by:								
Cash to Capital	9,251	4,503	4,638	2,740	4,727	4,788		30,647

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	9,251	4,503	4,638
Total Direct Costs	9,251	4,503	4,638
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	9,251	4,503	4,638

These capital dollars represent the City's ongoing commitment to the Assiniboine Park Conservancy - Capital Development Plan which is subject to a maximum contribution of 25% of the total capital costs based on APC's Ten-Year Capital Development Plan (2010 - 2019). APC is required to obtain matching funds from private sector donations and senior government contributions.

Based upon the APC Capital Development Plan, APC will submit on an annual basis its request for the City's contribution for the following funding year's development plan project(s). APC will include detailed information on planned projects including total costs and other funding sources. As Development Plans are completed, or require revision as time progresses, APC will develop and present new and amended Development Plans for Council approval.

The capital funds above represent APC's Capital Development capital cash flow needs from The City of Winnipeg as at June 30, 2013.

In 2010 (the first year for this capital project), $2.849 million was provided towards the Nature Playground and Duck Pond expansion project. 2011 and 2012 funding were each $4.5 million.

On December 13, 2011 Council adopted a first charge on the 2013 Capital Budget of up to $4.5 million in 2012 prior to the adoption of the 2013 Capital Budget to facilitate timely work on the Capital Development Plan.

On January 29, 2013 Council adopted a first charge on the 2014 Capital Budget of up to $4.5 million prior to the adoption of the 2014 Capital Budget to facilitate timely work on the Capital Development Plan.

As this project is a capital grant, it is exempt from the following overhead: 1% administration, 2% interest charges.

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

Department: Winnipeg Police Service
Project: 2200000714

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	179	321	-	-	-	-	500	500	821
Financed by:									
Cash to Capital							500	500	500
Transfer from Prior Authorization (2012 Winnipeg Police Service Communications Systems)		321						-	321

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	321	-	-	-	-	500	-	821
Financed by:								
Cash to Capital						500		500
Transfer from Prior Authorization (2012 Winnipeg Police Service Communications Systems)	321							321

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

A new Automated Fingerprint Identification System (AFIS) will be installed in 2014. 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. The system will almost be 6 years old at time of replacement in 2019.

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

Project Name: **Officer Mobile Video System**

Department: Winnipeg Police Service
Project: 2202100016

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,000	-	-	1,000	1,000
Financed by:									
Cash to Capital					1,000			1,000	1,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	1,000	-	-	-	1,000
Financed by:								
Cash to Capital				1,000				1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 all interactions. 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.

Project Name: **Trunk Radio System**

Department: Winnipeg Police Service
Project: 2202200016

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,000	5,280	-	-	-	7,280	7,280
Financed by:									
Cash to Capital			2,000	5,280				7,280	7,280

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	2,000	5,280	-	-	-	-	7,280
Financed by:								
Cash to Capital		2,000	5,280					7,280

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		2,000	5,280
Total Direct Costs	-	2,000	5,280
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	2,000	5,280

To provide a system wide infrastructure for trunk radio, console and flash radio upgrades. The existing vendor will not support the system past 2016 which is the end of system's life, and it is unknown what will replace the fleetnet radio system after this time. This project will be implemented in conjunction with the Winnipeg Fire Paramedic Service (and other City departments) as they are also impacted.

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

Department: Winnipeg Police Service
Project: 2202300016

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	490	-	-	-	490	490
Financed by:									
Cash to Capital				490				490	490

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	490	-	-	-	-	490
Financed by:								
Cash to Capital			490					490

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			490
Total Direct Costs	-	-	490
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	490

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 were done earlier than the major upgrade in 2006.

Project Name: **Police Divisions Systems Upgrades**

Department: Winnipeg Police Service
Project: 2201100014

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,423	3,743	2,986	1,400	-	-	-	4,386	8,129
Financed by:									
Cash to Capital		3,743	2,986	1,400				4,386	8,129

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	3,743	2,986	1,400	-	-	-	-	8,129
Financed by:								
Cash to Capital	3,743	2,986	1,400					8,129

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	3,743	2,986	1,400
Total Direct Costs	3,743	2,986	1,400
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	3,743	2,986	1,400

See description on following page.

Police Divisions Systems Upgrades (continued):

The Police Service has identified a number of long-term information upgrades required including:

In 000s		2014	2015	2016	2017	2018	2019	Total
Independent Internet Access				100				100
Email Exchange Storage			100					100
Document and Management System for Human Resources			210					210
Work Order and Service Desk Tracking System			66					66
Intelligence Led Reporting			600					600
Replacement of Crime Analysis System to help determine trends in crime activities			660					660
Integrated Child Exploitation System Software (LACE upgrade)			500					500
Electronic Collision Reporting System			150					150
Blackberry Bez and Niche Service Wide Implementation		268						268
Tracking Software		21						21
Communication Centre - alternate site								
PC and monitor replacement - alternate site	100							
Replace alternate site Audio Logger	80							
Call check replacement - alternate site	80							
Alternate site - consoles, furniture, etc.	268	528						528
Communication Centre - New Police Headquarters		414						414
ITSD requirements for new Headquarters		993						993
Computer upgrades								
Desktop software upgrade	254							
Virtual server upgrade	268							
Firewall upgrade	161							
Replacement of DS4700 Storage Area Network	400	1,083						1,083
Communication Centre - Main Site								
Upgrade consoles - main site	100							
Replace monitors - main Communication Centre	60							
Replace Main site Audio Logger	80							
Communication Centre - chair replacements	25							
Console UPS and battery replacement - main site	10	275						275
Canadian Police Information Centre replacement of authentication software (original implementation 2009)		161						161
CAD upgrade			700	1,000				1,700
East District Station upgrade				300				300
		3,743	**2,986**	**1,400**	**-**	**-**	**-**	**8,129**

Project Name: **North Station Information Technology Requirements**

Department: Winnipeg Police Service
Project: 2201700014

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	490	-	-	-	-	490	490
Financed by:									
Cash to Capital			490					490	490

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	490	-	-	-	-	-	490
Financed by:								
Cash to Capital		490						490

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		490	
Total Direct Costs	-	490	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	490	-

New District 3 (North Station) Information Technology requirements.

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

Project Name: **East District Police Station**

Department: Winnipeg Police Service
Project: 6331002813

Capital Priority Rating: 3 - 3+2
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	13,925	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital		990	990	990	990	1,012	1,056	5,038	6,028
Public Private Partnership Lease Payments		(990)	(990)	(990)	(990)	(1,012)	(1,056)	(5,038)	(6,028)

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Cash to Capital	990	990	990	990	1,012	1,056	22,517	28,545
Public Private Partnership Lease Payments	(990)	(990)	(990)	(990)	(1,012)	(1,056)	(22,517)	(28,545)

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	421	421	421
External debt and finance charges			
Transfer to General Capital Fund	990	990	990
Total Direct Costs	1,411	1,411	1,411
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	1,411	1,411	1,411

On July 18, 2007, Council approved the award of a public-private partnership (P3) contract for the development and operation of the East District Police Station based on a 30-year lease term. Occupancy date was in September 2008.

The above annual cash flow estimates include the authorization for the lease payments to be incurred and charged to the Project in the General Capital Fund. They include technical maintenance, but not utility and other operating maintenance expenses.

As financing and administration costs are implicit in the lease payments, this capital project is exempt from the 1% administration fee and 2% short-term financing charge.

This capital detail sheet was prepared by Planning, Property and Development.

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

Project Name: **North District Police Station**

Department: Winnipeg Police Service
Project: 6331003014

Capital Priority Rating: 3 - 3+2
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,130	-	-	-	19,423	-	-	19,423	19,423
Financed by:									
External Debt					19,423			19,423	19,423

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)				19,423				19,423
Financed by:								
External Debt				19,423				19,423

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The 2012 Adopted Capital Budget and 2013 to 2017 Five-Year Forecast approved by Council on December 13, 2011 included estimated budget required to procure the north district station including, potentially, property and purchasing the necessary furniture and special equipment.

On June 26, 2013, Council adopted the Police Building Replacement - Funding Strategy and Approval for Purchase at Total Performance of the South District Police Station (SDPS). Estimates for the North District Police Station (NDPS) are based upon the cost of the SDPS adjusted for annual construction inflation of 4%. Estimated occupancy date for the NDPS is July 1, 2017.

This capital detail sheet is based on the assumption that the "Previous Budgets" of $3.130 million will be sufficient to acquire and/or remediate land, that the site will be configured such that the same design as the East and South District Police Stations can be used.

This capital detail sheet was prepared by Planning, Property and Development.

Project Name: **Winnipeg Police Headquarters Redevelopment**

Department: Winnipeg Police Service
Project: 6331001911

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016 **	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	193,567	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital	30,669							-	-
Interim Financing / (Repayment)	18,967			(18,967)				(18,967)	(18,967)
Land Operating Reserve				18,967				18,967	18,967
Manitoba / Winnipeg Infrastructure Fund	4,011							-	-
External Debt	139,920							-	-

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Interim Financing (Repayment)			(18,967)					(18,967)
Land Operating Reserve			18,967					18,967

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	4,269	7,138	7,138
External debt and finance charges	4,130	7,677	7,677
Transfer to General Capital Fund	569	569	569
Total Direct Costs	8,968	15,384	15,384
Less: Incremental Revenue/Recovery	2,000	2,000	2,000
Net Cost/(Benefit)	6,968	13,384	13,384

On July 20, 2011, Council concurred in the recommendation of the Standing Policy Committee on Downtown Development, Heritage and Riverbank Management, as amended by the Executive Policy Committee, and adopted a number of recommendations resulting in:

1) the 2011 Capital Budget being amended to combine "Winnipeg Police Headquarters" and "Police Headquarters - Other" into a single capital project budget called "Winnipeg Police Headquarters Redevelopment";

2) the combined budget being increased from $127,167,000 to $155,000,000;

3) the allocation to this project of $12,600,000 in costs incurred to acquire the Canada Post Building (266 Graham Avenue);

4) an increase in external borrowing for the project to $139,920,000 from $101,054,000, and;

5) that $7,000,000 in interest charges incurred during the construction period be added.

Winnipeg Police Headquarters Redevelopment (continued):

Council also approved that the Office Tower be held for re-sale at some future date (assumed to be sold on December 31, 2016 for illustrative purposes) and that short-term financing in the amount of $18,967,000 be approved for the Tower either from external sources or through internal funds or reserves as determined by the Chief Financial Officer.

The budget for the $193,567,000 acquisition / redevelopment includes $30,669,000 in internal financing (cash-to-capital), $139,920,000 in external financing, $18,967,000 from the Land Operating Reserve Fund and $4,011,000 from the Manitoba-Winnipeg Infrastructure Fund.

Revenue represents rental income from leased space in the Tower. Operating costs consist of components of accommodation charges other than external debt and finance charges (2014 - $3.269 million based on July 1 occupancy by WPS; 2015 & 2016 - $6.138 million) plus utilities, repairs and maintenance costs, and property taxes related to the Tower ($1 million each year).

External debt and finance charges in 2014 consist of $1.097 million in principal and $3.033 million in interest payments (based on July 1 occupancy by Winnipeg Police Service) while for 2015 and 2016, the amounts are $1.611 million and $6.066 million respectively.

Transfer to the General Capital Fund consists of $0.569 million in short-term financing costs on the acquisition of the Office Tower.

Approval by the Chief Administrative Officer is required prior to any contract award.

Winnipeg Police Headquarters Redevelopment capital program will be revised through a separate report process.

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

Project Name: **Building Video Surveillance Systems**

Department: Winnipeg Police Service
Project: 2202400017

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	4,160	-	4,160	4,160
Financed by:									
Cash to Capital						4,160		4,160	4,160

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	4,160	-	-	4,160
Financed by:								
Cash to Capital					4,160			4,160

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

To anticipate the need to have a Service-wide prisoner tracking system. This may be a legislative requirement in the future.

Project Name: **Communication Centre Back Up Site Upgrade**

Department: Winnipeg Police Service
Project: 2202500017

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	400	-	-	400	400
Financed by:									
Cash to Capital					400			400	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	400	-	-	-	400
Financed by:								
Cash to Capital				400				400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

To upgrade technical equipment in the 911 backup facility.

Project Name: **Security and Card Access**

Department: Winnipeg Police Service
Project: 2201800014

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	-	-	-	-	-	-	400
Financed by:									
Cash to Capital		400						-	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Cash to Capital	400							400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	400		
Total Direct Costs	400	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	400	-	-

With the new Police Headquarters building it would be prudent to have a unified card access system for all remaining police facilities to make access compatible system wide.

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

Project Name: **Mobile and Transient Users**

Department: Winnipeg Police Service
Project: 2202600016

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	250	-	-	-	250	250
Financed by:									
Cash to Capital				250				250	250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	250	-	-	-	-	250
Financed by:								
Cash to Capital			250					250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			250
Total Direct Costs	-	-	250
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	250

Funding is required in order that all police members can access their computer information from any existing police computer terminal.

Project Name: **Intelligence Led Reporting (Phase 2)**

Department: Winnipeg Police Service
Project: 2202600018

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	1,050	-	1,050	1,050
Financed by:									
Cash to Capital						1,050		1,050	1,050

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	1,050	-	-	1,050
Financed by:								
Cash to Capital					1,050			1,050

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

To provide funding for phase 2 of the Intelligence Led Reporting. Phase 1 implementation is scheduled to begin in 2015.

Project Name: **Major Case Management System Expansion**

Department: Winnipeg Police Service
Project: 2202700017

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	1,158	-	-	500	1,658	1,658
Financed by:									
Cash to Capital				1,158			500	1,658	1,658

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	1,158	-	-	500	-	1,658
Financed by:								
Cash to Capital			1,158			500		1,658

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			1,158
Total Direct Costs	-	-	1,158
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	1,158

The Service requires a software tool in conjunction with concept training to complete investigations to today's professional standards. This tool will identify gaps in investigation accountability, particularly in unsolved files, provide a mechanism to forward unsolved files in an electronic format, and allow better use of resources. Our pilot project has identified a need for us to strongly define the integration spots with Niche software and move forward with a RFP, RFQ or sole source process for January 2014.

The Police Service plans to upgrade the Major Case Management system in 2019.

Project Name: **WPS Data Integration, Auditing and Quality Solution Tool**

Department: Winnipeg Police Service
Project: 2202900018

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	662	-	662	662
Financed by:									
Cash to Capital						662		662	662

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	662	-	-	662
Financed by:								
Cash to Capital					662			662

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

To provide funding for a uniform strategy/tool for service wide integration, auditing, and quality solution management software.

Project Name: **Bomb Unit Building**

Department: Winnipeg Police Service
Project: 2203000019

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	651	651	651
Financed by:									
Cash to Capital							651	651	651

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	651	-	651
Financed by:								
Cash to Capital						651		651

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

To build a structure to house the bomb unit personnel, and to provide a secondary building to house the bomb unit vehicles and equipment. Special structures need to be built according to unique specifications as bomb explosives have special storage requirements.

Project Name: **In Car Computing**

Department: Winnipeg Police Service
Project: 22xxxxxx13

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,200	1,200	1,200
Financed by:									
Cash to Capital							1,200	1,200	1,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	1,200	-	1,200
Financed by:								
Cash to Capital						1,200		1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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: **Next Generation 911**

Department: Winnipeg Police Service
Project: 2203100019

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	800	800	800
Financed by:									
Cash to Capital							800	800	800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	800	-	800
Financed by:								
Cash to Capital						800		800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Technological changes in 911 to include the latest upgrades to telephony and 911 systems.

Project Name: **Bomb Unit Truck Replacement**

Department: Winnipeg Police Service
Project: 2203500019

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	300	300	300
Financed by:									
Cash to Capital							300	300	300

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	300	-	300
Financed by:								
Cash to Capital						300		300

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The current bomb unit truck will need to be replaced as it is coming to its end of life.

Project Name: **Technology Upgrades - Information Systems**

Department: Winnipeg Police Service
Project: 2203200019

Capital Priority Rating: 3 - 3
Service: Police Response
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	-	1,200	1,200	1,200
Financed by:									
Cash to Capital							1,200	1,200	1,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	1,200	-	1,200
Financed by:								
Cash to Capital						1,200		1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Technological changes in information systems requires upgrading and monitoring. Technology is changing rapidly and funding is required to maintain and upgrade systems.

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

Department: Fire Paramedic Service
Project: 211101XXXX

Capital Priority Rating: 3 - 3
Service: Fire and Rescue Response
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2014 Estimate	Forecast 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	892	3,120	116	1,217	6,339	11,684	11,684
Financed by:									
Cash to Capital			892	3,120	116	1,217	6,339	11,684	11,684

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	892	3,120	116	1,217	6,339	-	11,684
Financed by:								
Cash to Capital		892	3,120	116	1,217	6,339		11,684

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		892	3,120
Total Direct Costs	-	892	3,120
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	892	3,120

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

Forecasted expenditures as follows:

2015 - 2017

Construction and completion of Station #19 (Whytewold).

2018/2019

Construction and relocation of Station #15 (presently at 1083 Autumnwood Dr). Completion scheduled for 2020.

* 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: 21010100XX

Capital Priority Rating: 3 - 3
Service: Fire and Rescue Response
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2014 Estimate	Forecast 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	2,000	4,000	-	-	-	6,000	6,000
Financed by:									
Cash to Capital			2,000	4,000				6,000	6,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	2,000	4,000	-	-		-	6,000
Financed by:								
Cash to Capital		2,000	4,000					6,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		2,000	4,000
Total Direct Costs	-	2,000	4,000
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	2,000	4,000

The Winnipeg Fire Paramedic Service (WFPS) currently operates over 400 radios on 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. System redevelopment to support the radio system is estimated at $6.0 million, which is to be completed in two phases in 2015/2016.

Project Name: **Addition and Renovation to Fire Paramedic Station #8-640 Kimberly Avenue**

Department: Fire Paramedic Service
Project: 2111010818

Capital Priority Rating: 3 - 3
Service: Fire and Rescue Response
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	1,152	2,008	-	3,160	3,160
Financed by:									
Cash to Capital					1,152	2,008		3,160	3,160

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	1,152	2,008	-	-	3,160
Financed by:								
Cash to Capital				1,152	2,008			3,160

OPERATING IMPACT	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

A 2005 Facilities Audit of the infrastructure of the Fire Paramedic Service stations identified some serious deficiencies in the facilities that fail to meet the occupational health and safety needs of the department. Issues also identified were aging and out of date infrastructure due to buildings that were constructed prior to the amalgamations of the municipalities in 1973 as well as the Fire Ambulance amalgamation in 1999. This addition and renovation will resolve the health and safety concerns with the building as well as conform to the new business model by providing greater efficiencies and meeting the department's needs both now and in the foreseeable future.

Project description:

This project will entail a 3,000 square foot addition on the west side of Winnipeg Fire Paramedic Service Station #8 located at 640 Kimberly Avenue in East Kildonan. The addition will house new offices, new dorms, a new classroom, and turnout gear maintenance and storage area. The project will also entail upgrades to the existing kitchen facility and accommodate a fitness training area.

Back to Capital Project Detail
Table of Contents

Project Name: **Computer Automation**

Department: Planning, Property and Development
Project: 6361000414

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	-	200	120	144	133	597	797
Financed by:									
Cash to Capital		200		200	120	144	133	597	797

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	200	120	144	133	-	797
Financed by:								
Cash to Capital	200		200	120	144	133		797

NET OPERATING IMPACT ($000's)	2014	2015	2015
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200		200
Total Direct Costs	200	-	200
Less: Incremental Revenue/Recovery	6		6
Net Cost/(Benefit)	194	-	194

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.

Included in this program is the potential acquisition of survey equipment for the Geomatics Branch including data collectors, total stations, GPS equipment, laser scanners, etc.

* 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
Project: 6351300114

Capital Priority Rating: 1 - 2
Service: Parks and Urban Forestry
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,105	200	600	443	405	406	411	2,265	2,465
Financed by:									
Cash to Capital		200	600	443	405	406	411	2,265	2,465

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	600	443	405	406	411	-	2,465
Financed by:								
Cash to Capital	200	600	443	405	406	411		2,465

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	600	443
Total Direct Costs	200	600	443
Less: Incremental Revenue/Recovery	6	18	13
Net Cost/(Benefit)	194	582	430

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. Greenway funds focus on major park and greenspace connections to the watershed and are aligned to complement active transportation initiatives.

2014 Proposed Projects:

Assiniboine Riverwalk - Lighting and upgrades

Boni-Vital Parkway- Winnipeg Canoe Club Connection

South Winnipeg Parkway- Churchill Drive Pathway Remediation

Regional Park River Access Improvements

Seine River Trail Connections

Community Watershed Access and Improvements

Project Name: **Cemeteries - Improvements**

Department: Planning, Property and Development
Project: 6322100114

Capital Priority Rating: 1 - 3
Service: Cemeteries
OurWinnipeg: Vitality

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,566	350	410	382	408	400	390	1,990	2,340
Financed by:									
Cash to Capital		200	260	232	258	250	240	1,240	1,440
Veterans Affairs Canada		150	150	150	150	150	150	750	900

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	350	410	382	408	400	390	-	2,340
Financed by:								
Cash to Capital	200	260	232	258	250	240		1,440
Veterans Affairs Canada	150	150	150	150	150	150		900

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	260	232
Total Direct Costs	200	260	232
Less: Incremental Revenue/Recovery	8	9	8
Net Cost/(Benefit)	193	251	224

The funds are required to supplement funding being received from Veterans Affairs Canada (VAC) under a joint funding project to renovate the Brookside Cemetery. VAC have so far invested $60,000 in 2007, $120,000 in 2008, $200,000 in 2009, $150,000 in 2010, $190,000 in 2011 and there have been discussions of up to $150,000 per annum for further years to complete the project. Further funding is promised but not guaranteed for the next 10 years. The increase in budget is required as the VAC funding year is April 1 to March 31 and additional monies are often made available in January of each year, the increase will permit a cashflow to support the additional funding; additional funds have been made available for the previous three funding years. The additional VAC funding requires increased financial support from the City to cover the cost of landscaping and installation costs, VAC fund foundation and monument repairs and manufacturing/supply costs.

In addition, the capital funds are required for the purchase and installation of columbaria and private family estates and mausolea interment facilities at City cemeteries. These product categories generate higher revenue levels and in the past the investment in columbaria units has generated revenues in excess of 200% of the investment sum. The Transcona Cemetery Chapel building is decaying and becoming unsafe, it requires renovation and the inclusion of indoor columbaria to generate revenue in support of funding the building renovation. This project will also be partially funded by community donations but funding levels are unknown at this time.

Brookside Cemetery requires the establishment of new full body interment sections as existing interment sections are near capacity with only 12-18 months of product remaining for sale.

Project Name: **Downtown Enhancement Program**

Department: Planning, Property and Development
Project: 6351800114

Capital Priority Rating: 2 - 3
Service: City Beautification
OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,618	400	400	400	400	400	400	2,000	2,400
Financed by:									
Cash to Capital		400	400	400	400	400	400	2,000	2,400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	400	400	400	400	400	-	2,400
Financed by:								
Cash to Capital	400	400	400	400	400	400		2,400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	400	400	400
Total Direct Costs	400	400	400
Less: Incremental Revenue/Recovery	12	12	12
Net Cost/(Benefit)	388	388	388

The Program objective is the functional and aesthetic improvements and required upgrades to public spaces and streetscapes in the Downtown and Exchange District National Heritage Site. The funds enhance accessibility, safety, comfort and urban design quality of pedestrian environments and fulfill the commitment to the "Downtown First" philosophy. The Downtown Winnipeg Urban Design Guidelines provide the guiding principles to support design and enhance the liveability of Winnipeg's Downtown Urban environment.

The program supports and develops ongoing partnership opportunities for future Public / Private development and redevelopment partnerships and projects such as: Old Market Square, Broadway, Hydro Tower, Millennium Library Park, Bonnycastle Park and the Assiniboine River walk. Projects have traditionally relied on and/or leveraged other partnership opportunities and have supported private redevelopments.

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 curbs, street and sidewalk repairs, street trees, planters, boulevards, required maintenance and accessibility standards.

Priorities in 2014-2019 include but are not limited to: Red River Campus links, Bonnycastle Park, Air Canada Park, Downtown and Exchange District Pedestrian Facilities Enhancements, Albert Street and East Exchange initiatives and Broadway.

Project Name: **BIZ Zones, Image Routes and Neighbourhood Main Streets**

Department: Planning, Property and Development
Project: 6351241514

Capital Priority Rating: 2 - 3
Service: City Beautification
OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		400	400	400	400	400	400	2,000	2,400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	400	400	400	400	400	-	2,400
Financed by:								
Cash to Capital	400	400	400	400	400	400		2,400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	400	400	400
Total Direct Costs	400	400	400
Less: Incremental Revenue/Recovery	12	12	12
Net Cost/(Benefit)	388	388	388

The City of Winnipeg reinvests in partnered projects in BIZ districts and Neighbourhood Main Streets. These areas have their own distinct character with their own style of mixed-use, walkable business districts which serve as the cores of their neighbourhoods. With the completion of “OurWinnipeg” and the adoption of the document “Complete Communities”, these funds provide the opportunity for the City to work with the resident and business owners in “partnerships” between the City, BIZ, private sector, not-for-profit, other funding agencies and other government bodies. This capital fund gives the incentive for the BIZ groups to go out and match dollars from sources other than the City. This capital fund, through partnerships, assists in stimulating community revitalization.

This enhancement program takes the form of decorative medians, pedestrian lighting, banner poles, special entry nodes, special pavement treatments, character signage, plants, trees and site furnishings, to ensure the renewal and sustainment of the infrastructure which creates a sense of place and destination in and along Business Improvement Zones and of Image Routes.

2014 - 2019: Projects are adjusted based upon community readiness and partnership opportunities

St. James Village BIZ (Major Project Revitalization), West Broadway BIZ (Major Project Revitalization), Osborne Village BIZ (Major Project Revitalization), Norwood Grove BIZ (Concept Plan), BIZ Zones - Rapid Transit Stations connectivity strategy and Academy Road (Concept Plan).

Norwood Grove BIZ (Major Project Revitalization), Old St. Vital BIZ (Major Project Revitalization), Osborne South BIZ (Concept Plan).

* 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
Project: 6351400714

Capital Priority Rating: 1 - 1
Service: City Beautification
OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,600	500	500	500	500	500	500	2,500	3,000
Financed by:									
Cash to Capital		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	500	500	500	500	-	3,000
Financed by:								
Cash to Capital	500	500	500	500	500	500		3,000

NET OPERATING IMPACT ($000's)	2014	205	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500	500	500
Total Direct Costs	500	500	500
Less: Incremental Revenue/Recovery	15	15	15
Net Cost/(Benefit)	485	485	485

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.

The Winnipeg Arts Council as the City of Winnipeg's implementation partner submits annually for approval a plan for the works to be undertaken.

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

Department: Planning, Property and Development
Project: 6321100115

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	300	300	300	240	228	1,368	1,368
Financed by:									
Cash to Capital			300	300	300	240	228	1,368	1,368

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	300	300	300	240	228	-	1,368
Financed by:								
Cash to Capital		300	300	300	240	228		1,368

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		300	300
Total Direct Costs	-	300	300
Less: Incremental Revenue/Recovery		9	9
Net Cost/(Benefit)	-	291	291

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
Project: 6351000214

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,495	380	245	275	280	278	292	1,370	1,750
Financed by:									
Cash to Capital		380	245	275	280	278	292	1,370	1,750

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	380	245	275	280	278	292	-	1,750
Financed by:								
Cash to Capital	380	245	275	280	278	292		1,750

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	380	245	275
Total Direct Costs	380	245	275
Less: Incremental Revenue/Recovery	11	7	8
Net Cost/(Benefit)	369	238	267

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. The funding formula is that the City of Winnipeg contributes 52% to the park development costs. Additionally, recognizing the need to do work concurrently beyond the basic requirements of the Development Agreement, these funds will cover provision of basic amenities that are more cost-effective and practical to install at the time of initial development (such as pathways, lighting, site furnishings, tree planting), particularly for linear park developments.

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

Calculations are based on industry consultation and the actual reviewed costs of works as they are completed each calendar year. Capital requirements are updated on an ongoing basis to reflect industry build out and Development Agreement amendments.

Project Name: **Tache Promenade**

Back to Capital Projects Summary

Department: Planning, Property and Development
Project: 6351800413

Capital Priority Rating: 2 - 3
Service: City Beautification
OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	200	-	-	-	-	-	-	200
Financed by:									
Cash to Capital		200						-	200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Cash to Capital	200							200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200		
Total Direct Costs	200	-	-
Less: Incremental Revenue/Recovery	6		
Net Cost/(Benefit)	194	-	-

This $200,000 represents the City's contribution toward a number of community initiatives underway to renew the Tache Promenade including enhanced pedestrian connections and viewing locations as well as connections to: the Canadian Museum for Human Rights, St. Boniface Hospital, St. Boniface Basilica, Provencher Boulevard, the Downtown and with the Red River.

The City's share is contingent upon a capital campaign being undertaken by stakeholder groups. An additional $100,000 is to be funded from the Parks and Recreation Enhancement Program. Approval of this project is contingent upon this contribution.

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

Department: Planning, Property and Development
Project: 6351300214

Capital Priority Rating: 3 - 4
Service: Parks and Urban Forestry
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	8,800	600	1,400	1,000	1,000	1,000	1,000	5,400	6,000
Financed by:									
Cash to Capital		600	1,400	1,000	1,000	1,000	1,000	5,400	6,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	600	1,400	1,000	1,000	1,000	1,000	-	6,000
Financed by:								
Cash to Capital	600	1,400	1,000	1,000	1,000	1,000		6,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	600	1,400	1,000
Total Direct Costs	600	1,400	1,000
Less: Incremental Revenue/Recovery	18	42	30
Net Cost/(Benefit)	582	1,358	970

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. Five priority sites have been stabilized to date, namely, Annabella Street to May Street (2003), St. John's Park (2006), Bunn's Creek (2006), St. Vital Park (2008) and Churchill Drive Park at a total cost of approximately $5.5 million.

Riverbank Stabilization - Physical Asset Protection (continued):

The Planning, Property and Development Department, in collaboration with the University of Manitoba, developed a Geographic Information System (GIS) Riverbank Asset Management System (RAMS). Using the RAMS, the priority sites listing for all City owned riverbank property, based on assigned engineering attributes, was updated in 2009. The listing, which is still applicable for 2014 is as follows:

Site	Amount
Red River - King's Park - Erosion protection only ($7,700,000 with stabilization)	2,700,000
Red River - Lyndale Drive	3,200,000
Red River - Guay Park	1,600,000
Red River - Minnetonka at River Road	1,100,000
Red River - Canoe Club	5,500,000
Red River - Churchill Park Drive (Osborne to Montague)	1,110,000
Red River - Maple Grove	1,860,000
Red River - Crescent Park	1,530,000
Red River - River to Rivergate	2,600,000
Red River - St. Vital Cemetery	3,300,000
Red River - Messager to St. Joseph	1,140,000
Red River - St. Mary's at Perimeter	3,300,000
Total	**28,940,000**

In 2012, stabilization work was completed along a 475 meter stretch of riverbank in Churchill Drive Park. This site was previously the top priority site based on the RAMS results.

A site investigation and riverbank monitoring program was initiated in the spring of 2013 to support the design of remedial works over a 900 meter length of King's Park. Construction works will be funded from previous capital budgets (2010, 2011, and 2012), with construction starting in 2014, subject to the recommendations of the Engineer's assessment, and available funding.

On January 29, 2013 Council adopted that $330,000 of the equity balance of the Riverbank Management Committee fund will be transferred to the Riverbank Stabilization - Physical Asset Protection capital project, that the equity balance of the fund be capped at $500,000, and any amounts over this cap be utilized to finance future Riverbank Stabilization capital projects as approved by Council.

Project Name: **Building Communities Initiative II, Phase Two**

Department: Planning, Property and Development
Project: 6351200014

Capital Priority Rating: 2 - 4
Service: Neighbourhood Revitalization
OurWinnipeg: Key Directions for Specific City Areas

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	15,500 *	3,200	1,300	-	-	-	-	1,300	4,500
Financed by:									
Cash to Capital		1,600	650					650	2,250
Other Provincial Funding		1,600	650					650	2,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	3,200	1,300	-	-	-	-	-	4,500
Financed by:								
Cash to Capital	1,600	650						2,250
Other Provincial Funding	1,600	650						2,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,600	650	
Total Direct Costs	1,600	650	-
Less: Incremental Revenue/Recovery	32	13	
Net Cost/(Benefit)	1,568	637	-

The Building Communities Initiative II (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.

A $20 million "Building Communities II" Agreement between the City of Winnipeg and Province of Manitoba was executed on May 27, 2010.

Included in BCI II capital project is $1.021 million funding for the Seven Oaks Indoor Pool - Renewal Plan.

The Building Communities Initiative III to be negotiated with the Province of Manitoba is identified in years 2016 - 2019 on a separate project detail sheet.

* 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.

Project Name: **Building Communities Initiative III**

Department: Planning, Property and Development
Project: 6351200016

Capital Priority Rating: 2 - 4
Service: Neighbourhood Revitalization
OurWinnipeg: Key Directions for Specific City Areas

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	2,100	2,120	2,000	3,780	10,000	10,000
Financed by:									
Cash to Capital				1,050	1,060	1,000	1,890	5,000	5,000
Other Provincial Funding				1,050	1,060	1,000	1,890	5,000	5,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	2,100	2,120	2,000	3,780	-	10,000
Financed by:								
Cash to Capital			1,050	1,060	1,000	1,890		5,000
Other Provincial Funding			1,050	1,060	1,000	1,890		5,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			1,050
Total Direct Costs	-	-	1,050
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	1,050

The Building Communities Initiative III (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.

The "Building Communities Initiative III" program is subject to a future agreement between the City of Winnipeg and Province of Manitoba.

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

Back to Capital Project Detail
Table of Contents

Department: Municipal Accommodations
Project: 63310000214

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		500	500	500	500	500	500	2,500	3,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	500	500	500	500	-	3,000
Financed by:								
Cash to Capital	500	500	500	500	500	500		3,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500	500	500
Total Direct Costs	500	500	500
Less: Incremental Revenue/Recovery	15	15	15
Net Cost/(Benefit)	485	485	485

This is an on-going 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.

Procurement Strategy - Winnipeg Police Services Four District Model

Repurpose Strategy / Design - 151 Princess

Renovation, Moves Client Changes - Various

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

Project Name: **Accommodation Facilities**

Department: Municipal Accommodations
Project: 6395000114

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,730	2,100	1,239	2,251	1,994	1,863	9,447	11,177
Financed by:									
Cash to Capital		1,730	2,100	1,239	2,251	1,994	1,863	9,447	11,177

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,730	2,100	1,239	2,251	1,994	1,863	-	11,177
Financed by:								
Cash to Capital	1,730	2,100	1,239	2,251	1,994	1,863		11,177

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,730	2,100	1,239
Total Direct Costs	1,730	2,100	1,239
Less: Incremental Revenue/Recovery	52	63	37
Net Cost/(Benefit)	1,678	2,037	1,202

This program is for refurbishment and/or improvements to various Accommodations facilities and includes interior, accessibility, elevator, escalator, heating, ventilation, air conditioning, electrical, plumbing, parking lot, building envelope and structural improvements.

Projects for 2014 include the following:

Electrical upgrade - 151 Princess

Crawlspace moisture mitigation - 1155 Pacific

Lighting upgrade - 311 Ross

HVAC upgrade - 1155 Pacific

Building Structural Assessments and remediation - various

Building envelope evaluation, structural repairs and lighting upgrade - 457 Main

Accessibility Improvements - 510 Main and various facilities

Building refurbishment - Various

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

Project Name: **Fire / Life Safety / Regulatory Upgrades**

Department: Municipal Accommodations
Project: 6331000414

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,014	725	625	710	720	759	3,539	4,553
Financed by:									
Cash to Capital		1,014	725	625	710	720	759	3,539	4,553

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,014	725	625	710	720	759	-	4,553
Financed by:								
Cash to Capital	1,014	725	625	710	720	759		4,553

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,014	725	625
Total Direct Costs	1,014	725	625
Less: Incremental Revenue/Recovery	30	22	19
Net Cost/(Benefit)	984	703	606

This project is for Fire/Life Safety/Regulatory Requirements which includes upgrading/replacement of fire safety systems, emergency lighting, regulatory upgrades, asbestos and other hazardous material abatement as identified through the Asset Management program for various facilities to meet the requirements of Fire/Building Codes and changing Government Regulations. Facilities include all recreation and accommodation facilities.

Projects for 2014 include the following:

Fire alarm/gas detection upgrades

Asbestos abatement

Elevator upgrades

Electrical safety audit

Safety Training and Safety Program Development

Fire egress design - 311 Ross

Fire life safety projects

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

Project Name: **Energy Conservation**

Department: Municipal Accommodations
Project: 6331000614

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	300	100	100	150	140	158	648	948
Financed by:									
Cash to Capital		300	100	100	150	140	158	648	948

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	100	100	150	140	158	-	948
Financed by:								
Cash to Capital	300	100	100	150	140	158		948

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	300	100	100
Total Direct Costs	300	100	100
Less: Incremental Revenue/Recovery	9	3	3
Net Cost/(Benefit)	291	97	97

This project is for energy conservation initiatives which include upgrading/replacement of building systems to improve energy efficiency as identified through the Asset Management program for various facilities to meet the requirements of the Federal Office of Energy Efficiency and other changing Government Regulations/Policies. Facilities include all recreation facilities and accommodation facilities.

Lighting upgrades - 457 Main Street and various

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

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

Department: Municipal Accommodations
Project: 6331002314

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	200	200	180	193	155	928	928
Financed by:									
Cash to Capital			200	200	180	193	155	928	928

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	200	200	180	193	155	-	928
Financed by:								
Cash to Capital		200	200	180	193	155		928

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		200	200
Total Direct Costs	-	200	200
Less: Incremental Revenue/Recovery		6	6
Net Cost/(Benefit)	-	194	194

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 Buildings**

Department: Municipal Accommodations
Project: 6331000714

Capital Priority Rating: 3 - 2
Service: Heritage Conservation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	270	214	1,084	1,284
Financed by:									
Cash to Capital		200	200	200	200	270	214	1,084	1,284

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	200	200	270	214	-	1,284
Financed by:								
Cash to Capital	200	200	200	200	270	214		1,284

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	200	200
Total Direct Costs	200	200	200
Less: Incremental Revenue/Recovery	6	6	6
Net Cost/(Benefit)	194	194	194

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 may be required.

Building Envelope Refurbishment and Structural Assessment - 20 Westgate and 500 Salter, and various facilities

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

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

Department: Municipal Accommodations
Project: `6331020815

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	-	200	-	200	167	113	680	680
Financed by:									
Cash to Capital			200		200	167	113	680	680

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	200	-	200	167	113	-	680
Financed by:								
Cash to Capital	-	200		200	167	113		680

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		200	
Total Direct Costs	-	200	-
Less: Incremental Revenue/Recovery		6	
Net Cost/(Benefit)	-	194	-

The emergency generator sets in a number of facilities are coming to the end of their useful life and there is a possibility existing generators are 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 and as such existing generators may not have capacity to supply these systems. Building occupants are requesting backup power for their information technology operations which existing generator sets are not able to provide. As well there is a need to strategically locate new generators in facilities as part of an overall city emergency preparedness plan.

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

Department: Municipal Accommodations
Project: 6331002614

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,050	225	225	140	188	201	196	950	1,175
Financed by:									
Cash to Capital		225	225	140	188	201	196	950	1,175

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	225	225	140	188	201	196	-	1,175
Financed by:								
Cash to Capital	225	225	140	188	201	196		1,175

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	225	225	140
Total Direct Costs	225	225	140
Less: Incremental Revenue/Recovery	7	7	4
Net Cost/(Benefit)	218	218	136

Security/Building Automation systems include: HVAC controls, security systems and building access and monitoring systems.

Security has been noted as an on-going concern within all facilities. Enhanced security will reflect the evolving risk management needs to protect City staff and property from potential injury and loss and reduce legal liability. Possible upgrades may include security system improvements, system upgrades, access control and surveillance systems.

Present HVAC controls in buildings are aging and require replacement or upgrading to current standards. Up-to-date building HVAC controls are required for occupant comfort and contribute to reductions in energy consumption.

Upgrade central control monitoring station to comply with ULC standards

Building automation and security upgrades - various facilities

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

Department: Municipal Accommodations
Project: 6390000114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	700	700	700	620	644	673	3,337	4,037
Financed by:									
Cash to Capital		350	350	400	420	644	673	2,487	2,837
Other Provincial Funding		350	350	300	200			850	1,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	700	700	700	620	644	673	-	4,037
Financed by:								
Cash to Capital	350	350	400	420	644	673		2,837
Other Provincial Funding	350	350	300	200				1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	350	350	400
Total Direct Costs	350	350	400
Less: Incremental Revenue/Recovery	11	11	12
Net Cost/(Benefit)	339	339	388

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

Projects for 2014 include the following:

Roofing, Building Envelope, Life Safety Structural upgrades, HVAC upgrades - Greendell, River Heights, River Osborne, Roblyn Park, West Kildonan, Lindenwoods, Burton Cummings

Parking lot Site Drainage, Hard Surface Building Access upgrades - Northwood, Southdale

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

Project Name: **Arenas**

Back to Capital Projects Summary

Department: Municipal Accommodations
Project: 6391000114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,125	725	525	525	525	525	2,825	4,950
Financed by:									
Cash to Capital		363	463	300	300	525	525	2,113	2,476
Other Provincial Funding		262	262	225	225			712	974
Transfer from Corporate Non-specified Capital Account		1,500						-	1,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	2,125	725	525	525	525	525	-	4,950
Financed by:								
Cash to Capital	363	463	300	300	525	525		2,476
Other Provincial funding	262	262	225	225				974
Transfer from Corporate Non-specified Capital Account	1,500							1,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	363	463	300
Total Direct Costs	363	463	300
Less: Incremental Revenue/Recovery	11	14	9
Net Cost/(Benefit)	352	449	291

This program 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 2014 include the following:

Century Arena - glue lam beam refurbishment
Roland Michener, Old Ex and Vimy Arenas - decommission ice plants
Terry Sawchuk Arena - parking lot refurbishment
Arena refurbishment - various
St. Vital Centennial Arena project
East End Community Centre

St. Vital Centennial Arena project - grants in the amount of $100,000 in 2014 and $200,000 in 2015 are included specifically for this project. An additional $100,000 in 2014 is to be funded from the Parks and Recreation Enhancement Program budget for a total grant budget of $400,000. Approval of this project is contingent upon this contribution.

East End Community Centre - $1.5 million grant is included in the 2014 budget, conditional upon the Community Centre committing to fund an additional $500,000 towards the arena development proposal. A request to the Province will be made to fund one-half of this grant ($750,000 each) as the East End Arena is a cost-shared project.

St. Vital Centennial Arena and East End Community Centre budget amounts are capital grants and are exempt from the 1% administration and 2% short-term financing charges.

* 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: Municipal Accommodations
Project: 6392000114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,050	1,760	1,760	2,530	2,470	2,518	11,038	12,088
Financed by:									
Cash to Capital		525	880	880	1,280	2,470	2,518	8,028	8,553
Other Provincial Funding		525	880	880	1,250			3,010	3,535

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,050	1,760	1,760	2,530	2,470	2,518	-	12,088
Financed by:								
Cash to Capital	525	880	880	1,280	2,470	2,518		8,553
Other Provincial Funding	525	880	880	1,250				3,535

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	525	880	880
Total Direct Costs	525	880	880
Less: Incremental Revenue/Recovery	16	26	26
Net Cost/(Benefit)	509	854	854

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

Projects for 2014 include the following:

Locker replacement - Cindy Klassen Recreational Centre, North Centennial Pool, Eldon Ross Pool

Lighting upgrade - various

Pool maintenance shutdown - Pan Am, Seven Oaks, St. James Civic, Sherbrook pools

Catwalk refurbishment - Pam Am Pool

Patch and re-lamp main tank - Pan Am Pool

Indoor pool refurbishment - various

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

Project Name: **Pan Am Pool - Boiler System Replacement**

Department: Municipal Accommodations
Project: 6392010114

Capital Priority Rating: 2 - 3
Service: Property Asset Management
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	830	770	770	-	-	-	1,540	2,370
Financed by:									
Cash to Capital		415	400	400				800	1,215
Other Provincial Funding		415	370	370				740	1,155

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	830	770	770	-	-	-	-	2,370
Financed by:								
Cash to Capital	415	400	400					1,215
Other Provincial Funding	415	370	370					1,155

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	415	400	400
Total Direct Costs	415	400	400
Less: Incremental Revenue/Recovery	17	16	16
Net Cost/(Benefit)	398	384	384

The three natural gas fired boilers located at the Pan Am Pool are original equipment and are over 45 years old. These boilers have been retubed at the request of the Manitoba Department of Labour. Maintenance costs can be expected to increase as replacement parts for these obsolete boilers will continue to be more and more difficult to obtain. VFA reports indicate that the boilers are antiquated and should be replaced before a complete failure is experienced. New boiler technology is available which may increase the efficiency of these boilers from between 70% and 75% to a combustion efficiency approaching 90%. This would amount to a significant reduction of natural gas use.

Due to the old, poorly insulated boiler shells, the existing boilers generate heat within the boiler room which contributes to making this area very uncomfortable for employees. In addition, the existing boiler insulation contains asbestos. Therefore, removal of these boilers would make this a safer working environment for employees.

Project Name: **Seven Oaks Pool - Parking Lot Upgrade**

Department: Municipal Accommodations
Project: 6392020114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	650	-	-	-	-	-	-	650
Financed by:									
Cash to Capital		340						-	340
Other Provincial Funding		310						-	310

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	650	-	-	-	-	-	-	650
Financed by:								
Cash to Capital	340							340
Other Provincial Funding	310							310

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	340		
Total Direct Costs	340	-	-
Less: Incremental Revenue/Recovery	10		
Net Cost/(Benefit)	330	-	-

The parking lot at the Seven Oaks Pool is of original design from 1977. The current design is in need of an update to better suit the patrons of the Seven Oaks Pool. The Maples Collegiate is just east of the pool and our operation staff has observed the pool lot being used regularly by staff and students of the school during school hours. School use of the pool lot creates a situation where pool patrons are facing excess traffic and are unable to find suitable parking while attending programing that is run at the pool. This issue will be addressed within the consulting report that is currently being prepared.

Parking lots are considered to be in poor condition with visual distress conditions in the parking lot pavement. The existing asphalt pavement parking lot areas are original construction and at the end of their useful life. Attempts to repair severely distressed areas did not work. As result of open pavement cracks, infiltration of water is further deteriorating the base structure and compromising the pavement's structural integrity. There are minor asphalt repairs and overlays that have been completed on sections of the existing pavements where severe distress conditions have occurred.

Back to Capital Projects Summary

Project Name: **Seven Oaks Indoor Pool - Renewal Plan**

Department: Municipal Accommodations
Project: 6392030114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	3,729	-	-	-	-	3,729	3,729
Financed by:									
Cash to Capital			3,729					3,729	3,729

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	3,729	-	-	-	-	-	3,729
Financed by:								
Cash to Capital		3,729						3,729

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		3,729	
Total Direct Costs	-	3,729	-
Less: Incremental Revenue/Recovery		112	
Net Cost/(Benefit)	-	3,617	-

Seven Oaks Indoor Pool - Renewal Plan - Phase 1 - 2014 renovation of customer experience areas (lobby, customer service desk, new family change room area, renovation of existing lockers, washroom renovations); Phase 2 - 2015 indoor spray pad addition and indoor wading pool. An additional $200,000 is to be funded from the Parks and Recreation Enhancement Program. Approval of this project is contingent upon this contribution.

Phase 1 $850,000; Phase 2a $3,250,000; Phase 2b $850,000 for a total project of $4.95 million over two years. This project will be financed by Building Communities Initiative (BCI) II - Phase 2 ($800,000) and Phase 3 ($221,000), for a total of $1.021 million, cash-to-capital ($3.729 million) and funding from the 2014 Parks and Recreation Enhancement Program ($200,000).

The City intends to work with the Province to allocate $1.021 million through the Building Communities Initiative (BCI) program included as part of the Planning, Property and Development capital program and project funding is contingent on this BCI contribution.

Project Name: **Outdoor Aquatic Facilities**

Department: Municipal Accommodations
Project: 6393000114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	330	330	350	342	340	338	1,700	2,030
Financed by:									
Cash to Capital		155	155	175	217	340	338	1,225	1,380
Other Provincial Funding		175	175	175	125			475	650

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	330	330	350	342	340	338	-	2,030
Financed by:								
Cash to Capital	155	155	175	217	340	338		1,380
Other Provincial Funding	175	175	175	125				650

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	155	155	175
Total Direct Costs	155	155	175
Less: Incremental Revenue/Recovery	6	6	7
Net Cost/(Benefit)	149	149	168

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

Projects for 2014 include the following:

Mechanical upgrades - various outdoor pools

Tank refurbishment - various outdoor pools

Wading pool demolition - various

Building refurbishment - various wading pools

Concrete basin refurbishment - various wading pools

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

Project Name: **Community Facilities**

Department: Municipal Accommodations
Project: 6394000114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	200	200	200	260	212	1,072	1,272
Financed by:									
Cash to Capital		200	200	200	200	260	212	1,072	1,272

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	200	200	260	212	-	1,272
Financed by:								
Cash to Capital	200	200	200	200	260	212		1,272

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	200	200
Total Direct Costs	200	200	200
Less: Incremental Revenue/Recovery	6	6	6
Net Cost/(Benefit)	194	194	194

This program 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.

Projects for 2014 include the following:

Building envelope upgrade - 233 McKenzie, 575 Larsen and 328 Whittier

Various building upgrades

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

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

Department: Municipal Accommodations
Project: 6390001014

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	200	200	162	152	163	175	852	1,052
Financed by:									
Cash to Capital		200	200	162	152	163	175	852	1,052

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	162	152	163	175	-	1,052
Financed by:								
Cash to Capital	200	200	162	152	163	175		1,052

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200	200	162
Total Direct Costs	200	200	162
Less: Incremental Revenue/Recovery	6	6	5
Net Cost/(Benefit)	194	194	157

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/ corporate programs. This funding provides for the on-going program of building assessment/inspection to ensure building condition data is current, and on-going improvements to the division's work management program.

Program includes: building assessments, integrations with Corporate Asset Management initiatives and work management initiatives.

* 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: Municipal Accommodations
Project: 6390002014

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		100	100	100	100	100	100	500	600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	100	100	100	100	100	-	600
Financed by:								
Cash to Capital	100	100	100	100	100	100		600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100	100	100
Total Direct Costs	100	100	100
Less: Incremental Revenue/Recovery	3	3	3
Net Cost/(Benefit)	97	97	97

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.

Refurbish light standards at Riverview, Woodhaven and Central Corydon (Crescentwood Site).

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

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

Department: Municipal Accommodations
Project: 6390005014

Capital Priority Rating: 2 - 3
Service: Neighbourhood Revitalization
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		350	350	350	350	350	350	1,750	2,100

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	350	350	350	350	350	350	-	2,100
Financed by:								
Cash to Capital	350	350	350	350	350	350		2,100

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	350	350	350
Total Direct Costs	350	350	350
Less: Incremental Revenue/Recovery	11	11	11
Net Cost/(Benefit)	339	339	339

Funding to address city wide 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: **Transcona Centennial Pool**

Back to Capital Projects Summary

Department: Municipal Accommodations
Project: 6392010113

Capital Priority Rating: 2 - 3
Service: Recreation
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,500	300	-	-	-	-	-	-	300
Financed by:									
Cash to Capital		300						-	300

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	-	-	-	-	-	-	300
Financed by:								
Cash to Capital	300							300

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	300		
Total Direct Costs	300	-	-
Less: Incremental Revenue/Recovery	9		
Net Cost/(Benefit)	291	-	-

Capital project is intended to support and expand inter-generational use of the outdoor aquatic facility and is proposed to include: expanded splash pad and slides; beach entry to the pool; improved mechanical system upgrades; site works and landscaping; as well as improvements to the change rooms and other components of the current building (electrical, windows, etc.).

The $300,000 in 2014 is contingent upon an additional contribution of $200,000 in funding from the Parks and Recreation Enhancement Program budget.

Back to Capital Projects Summary

Project Name: **Daniel McIntyre Recreation Initiative**

Department: Municipal Accommodations
Project: 6392040114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	600	-	-	-	-	-	-	600
Financed by:									
Cash to Capital		600						-	600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	600	-	-	-	-	-	-	600
Financed by:								
Cash to Capital	600							600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	600		
Total Direct Costs	600	-	-
Less: Incremental Revenue/Recovery	18		
Net Cost/(Benefit)	582	-	-

The $600,000 in the 2014 capital budget is for needs identified by the community due to the closure of Sherbrook Pool. The total investment would also include the 2013 contribution of $200,000 from Community Services' Sherbrook Pool maintenance budget (originally sourced from the Mayor's civic initiatives funding) and $200,000 from the Parks and Recreation Enhancement Program. Approval of this project is contingent upon the contribution from the Parks and Recreation Enhancement Program.

Project Name: **St. James Civic Centre**

Back to Capital Projects Summary

Department: Municipal Accommodations
Project: 6394010115

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	900	900	-	-	-	1,800	1,800
Financed by:									
Cash to Capital			900	900				1,800	1,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	900	900	-	-	-	-	1,800
Financed by:								
Cash to Capital		900	900					1,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		900	900
Total Direct Costs	-	900	900
Less: Incremental Revenue/Recovery		27	27
Net Cost/(Benefit)	-	873	873

Capital expansion contingent upon community use agreement and matching funding from the province, federal government and a capital campaign. Budget amounts reflect City share only.

Project Name: **Valley Gardens Community Club - Splash Pad**

Back to Capital Projects Summary

Department: Municipal Accommodations
Project: 6393010114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	-	-	-	-	-	-	100
Financed by:									
Cash to Capital		100						-	100

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Cash to Capital	100							100

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100		
Total Direct Costs	100	-	-
Less: Incremental Revenue/Recovery	3		
Net Cost/(Benefit)	97	-	-

Capital project budget of $100,000 in 2014 is to be augmented and contingent upon an additional $200,000 to be funded from the Parks and Recreation Enhancement Program and a $300,000 developer contribution (Development Agreement - Council approval July 17, 2013) for total project budget of $600,000.

Back to Capital Projects Summary

Project Name: **Machray Park - Splash Pad**

Department: Municipal Accommodations
Project: 6393020114

Capital Priority Rating: 1 - 4
Service: Recreation
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	425	-	-	-	-	-	-	425
Financed by:									
Cash to Capital		375						-	375
Land Dedication Reserve		50						-	50

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	425	-	-	-	-	-	-	425
Financed by:								
Cash to Capital	375							375
Land Dedication Reserve	50							50

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	375		
Total Direct Costs	375	-	-
Less: Incremental Revenue/Recovery	11		
Net Cost/(Benefit)	364	-	-

An additional $200,000 is to be funded from the Parks and Recreation Enhancement Program and another $100,000 from the Community Incentive Grant Program (CIGP). This funding is contingent upon a commitment from the Province of an additional $125,000. Total capital budget for this project is $850,000. Approval of this project is contingent upon the contribution from the Parks and Recreation Enhancement and Community Incentive Grant programs.

The CIGP funding for this project is already included in the capital budget as part of Community Services program.

Project Name: **East Yard Complex Development**

Department: Municipal Accommodations
Project: 6331000512

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	49,520	-	-	-	-	-	-	-	-
Financed by:									
Interim Financing from Land Operating Reserve (Repayment)		(3,321)		(450)				(450)	(3,771)
Land Operating Reserve		3,321		450				450	3,771

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Interim Financing from Land Operating Reserve (Repayment)	(3,321)		(450)					(3,771)
Land Operating Reserve	3,321		450					3,771

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Public Works East Yard Complex has combined operations on the east side of the Red River to provide more efficient and cost effective service delivery and vacate/dispose of existing properties which are beyond their useful life.

On July 22, 2009, Council approved the Public Works East Yards Consolidation Project be located at the former Elmwood/Nairn Landfill Site; the Traffic Signals Branch (TSB) and components (3 bays) of Winnipeg Fleet Management Agency (WFMA) be relocated from Tecumseh and Elgin to the Public Works Campus at Pacific Avenue; and the relocation of the WFMA from Tecumseh and Elgin to the Public Works East Yards.

On November 16, 2011, Council approved the award of contract and funding strategy for a consolidated Public Works Department and WFMA East Yard Complex at the former Elmwood Nairn Landfill site. Council also adopted a first charge of up to $5 million in 2011 and 2012 prior to the adoption of the 2012 Capital Budget to allow timely award of contracts and payment of related invoices.

Project Name: **Corporate Records Centre**

Department: City Clerks
Project: 0400000917

Capital Priority Rating: 5 - 4
Service: Council Services
OurWinnipeg: Heritage

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	725	-	-	-	150	-	-	150	150
Financed by:									
Cash to Capital					150			150	150

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	150	-	-	-	150
Financed by:								
Cash to Capital				150				150

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 centres. 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 service, the City Clerk's Department has renovated a portion of a city owned warehouse at 311 Ross Avenue to accommodate records storage. The area will remain a warehouse but upgrades and repairs have taken place to floors and walls, upgraded lighting and security, and installation of shelving.

On-going upgrades are expected at the 5-year mark to meet anticipated demand for corporate records. These will include a review with departments on practices, procedures and charge backs. Expansion of storage capabilities will be undertaken, especially in the area of oversized and specialty records.

Project Name: **Election Systems**

Department: City Clerks
Project: 0400000514

Capital Priority Rating: 5 - 4
Service: Council Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	-	-	200	200	-	400	600
Financed by:									
Cash to Capital		200			200	200		400	600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	-	200	200	-	-	600
Financed by:								
Cash to Capital	200			200	200			600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	200		
Total Direct Costs	200	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	200	-	-

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 hours. For the 2010 election the City Clerk's Department ensured systems were 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 which will need to be upgraded / revitalized for the 2014 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.

A similar effort will be required for the 2018 election.

* 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: **City Archives**

Department: City Clerks
Project: 0400000114

Capital Priority Rating: 5 - 4
Service: Council Services
OurWinnipeg: Heritage

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	1,500	-	-	-	-	-	-	1,500
Financed by:									
Cash to Capital		1,500						-	1,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,500	-	-	-	-	-	-	1,500
Financed by:								
Cash to Capital	1,500							1,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	1,500		
Total Direct Costs	1,500	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	1,500	-	-

The City Archives, located at 380 William Avenue, was opened as the City's first library in the early 20th century. The building currently serves as a repository for storage of the City's historical information and has done so since 1977. The structure was designated a heritage building in 1984. Protected elements include the front rooms on the first and second floors, the building exterior and the iron fence surrounding the property.

The building until recently acted as the City's record centre. Deflection of second floor beams and a potential for collapse have resulted in much of the records storage / weight being removed from the second floor of the building and transferred to 311 Ross. A consultant's report has identified several issues with the building including the need to address the load bearing capacity of the second floor, ensuring appropriate repairs to the Tyndall Stone facade, ensure adequate waterproofing for the roof and foundation, as well repair / replacement of windows. Also identified are a lack of fire suppression systems, lack of wheelchair ramps in the building and improper climate controls to ensure continued protection of the archival records.

Work to date has been very successful in helping to preserve the building for future generations. Accomplishments to date include work on the historic wrought iron fence, wheelchair ramps and repairs to the exterior of the building. 2013 steps include major repairs to the flat roof of the building. Future repairs to the interior of the building will require relocation of the staff and City Archives contents for a period of up to one year.

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

Project Name: **DMIS Upgrades / Replacement**

Department: City Clerks
Project: 0400001518

Capital Priority Rating: 5 - 4
Service: Council Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	-	250	-	250	250
Financed by:									
Cash to Capital						250		250	250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	250	-	-	250
Financed by:								
Cash to Capital					250			250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Decision Making Information System or DMIS is a system providing information to elected officials, senior administrators and the public with agendas, minutes, by-laws and other information generated as a result of over 400 annual public meetings of Council and its Committees each year. DMIS was developed in the early part of the century and will need to be replaced to remain in keeping with current and changing technologies and expectations of the public.

Project Name: **2017 Canada Summer Games**

Department: City Clerks
Project: 0400001614

Capital Priority Rating: 1 - 4
Service: Arts, Entertainment and Culture
OurWinnipeg: OurWinnipeg Action Plan

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	750	750	750	750	-	-	2,250	3,000
Financed by:									
Cash to Capital		750	750	750	750			2,250	3,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	1,500	1,500	-	-	-	3,000
Financed by:								
Cash to Capital			1,500	1,500				3,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	750	750	750
Total Direct Costs	750	750	750
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	750	750	750

This project allows the City of Winnipeg to support a $3,000,000 capital contribution towards the 2017 Canada Summer Games to be advanced over a 4-year period (2014-2017), an equally shared indemnification agreement with the Province of Manitoba, a facilities upgrade program, and a legacy project or projects, that are agreeable to the City.

As this is a capital grant, it is exempt from the 1% administration and 2% short-term financing charges.

Project Name: **PeopleSoft**

Department: Corporate Support Services
Project: 3455000014

Capital Priority Rating: 2 - 3
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,080	395	100	100	2,400	1,000	350	3,950	4,345
Financed by:									
Cash to Capital		395	100	100	2,400	1,000	350	3,950	4,345

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	395	100	100	2,400	1,000	350	-	4,345
Financed by:								
Cash to Capital	395	100	100	2,400	1,000	350		4,345

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	395	100	100
Total Direct Costs	395	100	100
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	395	100	100

The City is committed to renewing its PeopleSoft investment to take advantage of new functionality and remain current with supplier's support.

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

Project Name: **Communications Network Infrastructure**

Department: Corporate Support Services
Project: 3401200014

Capital Priority Rating: 2 - 4
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	500	275	375	525	230	381	1,786	2,286
Financed by:									
Cash to Capital		500	275	375	525	230	381	1,786	2,286

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	275	375	525	230	381	-	2,286
Financed by:								
Cash to Capital	500	275	375	525	230	381		2,286

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500	275	375
Total Direct Costs	500	275	375
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	500	275	375

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.

Communications Network Infrastructure also includes the enhancement of the Tait 2-way radio network which forms the radio communication backbone for Civic Departments. This is a robust radio relay comprised of three towers placed at strategic locations within Winnipeg, and allows low-cost, high-availability communication between staff on foot or in vehicles. It is widely used by departments including Fleet Management Agency, Winnipeg Parking Authority, Public Works, Fire and Paramedic Service, and Community Services.

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

Project Name: **Enterprise Computing Initiatives**

Department: Corporate Support Services
Capital Priority Rating: 3 - 4
Project: 3402500014
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	117	1,115	585	844	801	539	3,884	4,001
Financed by:									
Cash to Capital		117	1,115	585	844	801	539	3,884	4,001

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	117	1,115	585	844	801	539	-	4,001
Financed by:								
Cash to Capital	117	1,115	585	844	801	539		4,001

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	117	1,115	585
Total Direct Costs	117	1,115	585
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	117	1,115	585

The City utilizes enterprise servers, storage and systems software infrastructure to address the computing requirements of a wide variety of critical business functions (311, PeopleSoft, Property Assessment, Taxation, Permitting, Parking Enforcement, Public Facing Internet, etc.). This infrastructure has a finite lifespan and needs to be replaced (evergreened) on a periodic basis (every five years) to ensure its continued operation and support of the business functions. There are also requirements to expand the capacity of this infrastructure to support the growing requirements of the organization. There are also requirements to expand the capability of this infrastructure to support the new functionality requirements of the organization and to allow the requirements of the organization to be addressed at a lower cost (e.g. server virtualization, enhanced availability for critical systems, enhanced virus and SPAM protection).

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

Project Name: **E-Government**

Department: Corporate Support Services
Project: 3453000014

Capital Priority Rating: 2 - 3
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	50	50	200	125	150	100	625	675
Financed by:									
Cash to Capital		50	50	200	125	150	100	625	675

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	50	50	200	125	150	100	-	675
Financed by:								
Cash to Capital	50	50	200	125	150	100		675

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	50	50	200
Total Direct Costs	50	50	200
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	50	50	200

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 the two main categories of providing better service to citizens and providing services more efficiently and effectively which translates into productivity gains and reduced costs.

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

Project Name: **Data Warehouse / Business Intelligence**

Department: Corporate Support Services
Capital Priority Rating: 2 - 3
Project: 3456000014
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	578	218	203	149	150	175	895	1,473
Financed by:									
Cash to Capital		153	218	203	149	150	175	895	1,048
Transfer from 2011 Data Warehouse / Business Intelligence		425						-	425

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	578	218	203	149	150	175	-	1,473
Financed by:								
Cash to Capital	153	218	203	149	150	175		1,048
Transfer from 2011 Data Warehouse / Business Intelligence	425							425

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	153	218	203
Total Direct Costs	153	218	203
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	153	218	203

The ability to accurately and consistently report data from many applications is becoming increasingly important. The Data Warehouse 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.

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

Project Name: **311 Renewal**

Department: Corporate Support Services
Project: 3457000014

Capital Priority Rating: 2 - 2
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	346	354	335	352	450	370	1,861	2,207
Financed by:									
Cash to Capital		346	354	335	352	450	370	1,861	2,207

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	346	354	335	352	450	370	-	2,207
Financed by:								
Cash to Capital	346	354	335	352	450	370		2,207

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	346	354	335
Total Direct Costs	346	354	335
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	346	354	335

The City is committed to renewing its Call Center application investment every five years to take advantage of new functionality and remain current with suppliers' support. The City is expected to significantly change the customer relationship management and telephone software applications in 2014 - 2015.

Project Name: **Teraspan Fibre Ring Renewal**

Department: Corporate Support Services
Capital Priority Rating: 2 - 2
Project: 3462200014
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	400	800	-	-	1,200	1,200
Financed by:									
Cash to Capital				400	800			1,200	1,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	400	800	-	-	-	1,200
Financed by:								
Cash to Capital			400	800				1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			400
Total Direct Costs	-	-	400
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	400

The City currently owns and maintains a 55 km. fibre optics plant, which provides ultra-highspeed network connectivity to 55 buildings throughout Winnipeg. The fibre ring also provides redundant connections between our data centers (510 Main and 700 Assiniboine Park Drive); as a result, all departments including public safety entities are stakeholders in this very important service.

Implemented in 2006, this fibre ring is maintained under a contract with TeraSpan Networks. TeraSpan owns the conduit that the fibre runs through, while the City owns the fibre strands. A monthly maintenance cost ensures fibre cuts are repaired expediently and with guaranteed service levels; this is extremely important as the fibre is buried very shallow along sidewalks and curbs (often mere inches) and is periodically damaged by street crews.

In 2016 the contract with TeraSpan will come to an end. Prior to this point an architectural decision must be made, either to maintain the current fibre ring under an extended or renewed contract, or retire it in favour of other more traditional options such as leased services or traditional-depth fibre. Though plans are currently to extend the contract to 2018, no decision is without cost and risk:

1) TeraSpan owns the conduit but has had no further opportunity for business in Winnipeg; they may raise maintenance rates or choose to end their presence altogether in Winnipeg, in which case the cost to buy out their investment may be an option. Further, City departments such as Public Works may mandate additional measures to distance the fibre plant from their surface crews;

2) Leased services from providers such as Bell, Shaw and MTS carry heavy upfront and recurring operational costs, all of which drove the City to consider a fibre plant in the first place;

3) Traditional fibre that is buried several feet below ground is significantly more expensive and cannot be considered without a major upfront investment; even then, not all current buildings would be viable to connect, requiring some amount of TeraSpan and/or leased services as well.

Due to this uncertainty, capital is being requested in 2016 and 2017 that would contribute to any combination of the above solutions, in whole or in part.

Project Name: **Infrastructure Service Enhancements**

Department: Corporate Support Services
Project: 3454000014

Capital Priority Rating: 2 - 2
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	100	250	-	125	50	100	525	625
Financed by:									
Cash to Capital		100	250		125	50	100	525	625

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	250	-	125	50	100	-	625
Financed by:								
Cash to Capital	100	250		125	50	100		625

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100	250	
Total Direct Costs	100	250	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	100	250	-

Infrastructure Service Enhancements supports projects that use information technology for the provision of shared infrastructure services. It focuses on the optimization of service delivery for all elements of the infrastructure including hardware, software, network and the physical infrastructure. It results in providing services more efficiently and effectively which translates into productivity gains and reduced cost.

Project Name: **Document Management**

Department: Corporate Support Services
Capital Priority Rating: 2 - 2
Project: 3470000014
Service: Organizational Support Services
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	275	-	50	-	-	325	625
Financed by:									
Cash to Capital		300	275		50			325	625

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	275	-	50	-	-	-	625
Financed by:								
Cash to Capital	300	275		50				625

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	300	275	
Total Direct Costs	300	275	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	300	275	-

The City needs to ensure that decisions in all levels of the organization are based on easily accessible information contained in the authoritative version of documents. A uniform Document Management solution deployed throughout the City will provide the controls that enable this in an expedient and cost-effective manner.

Project Name: **Assessment Automation**

Department: Assessment and Taxation
Project: 1400000115

Capital Priority Rating: 3 - 3
Service: Assessment, Taxation and Corporate
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	750	500	350	320	350	2,270	2,270
Financed by:									
Cash to Capital			750	500	350	320	350	2,270	2,270

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	750	500	350	320	350	-	2,270
Financed by:								
Cash to Capital		750	500	350	320	350		2,270

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		750	500
Total Direct Costs	-	750	500
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	750	500

The funding in 2015 to 2019 is for further system upgrades and rehabilitation to the Manta system and other key assessment and taxation systems including electronic document and record management, quality systems, acquisition of property images including high resolution aerial images, and integration of PADIView with other key applications. The Manta system includes the tax billing information and accounts receivable for all properties in the City of Winnipeg. This system is integral to the annual tax billing process and is used in all taxation processes including realty and business tax billings, accounts receivable, Tax Instalment Payment Plan, Local Improvements, Tax Sale, and customer service. The Manta program is now fourteen years old in 2014. It is prudent to budget funding in future years to review the sustainability of the current system and prepare for replacement/rehabilitation.

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

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

Department: Assessment and Taxation
Project: 1420000114
Capital Priority Rating: 2 - 3
Service: Roadway Construction and Maintenance
OurWinnipeg: Vitality

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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		400	400	400	400	400	400	2,000	2,400
External Debt		1,600	1,600	1,600	1,600	1,600	1,600	8,000	9,600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,600	2,000	2,000	2,000	2,000	2,000	400	12,000
Financed by:								
Cash to Capital	320	400	400	400	400	400	80	2,400
External Debt	1,280	1,600	1,600	1,600	1,600	1,600	320	9,600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges	42	151	260
Transfer to General Capital Fund	400	400	400
Total Direct Costs	442	551	660
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	442	551	660

Local Improvement Capital Projects are those which are financed partly by a direct levy on the properties benefited. 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.

Project Name: **PeopleSoft Accounts Receivable and Billing**

Department: Corporate Finance
Project: 1200001514

Capital Priority Rating: 3 - 2
Service: Organizational Support Services
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	550	250	-	-	-	-	-	-	250
Financed by:									
Cash to Capital		250						-	250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	250	-	-	-	-	-	-	250
Financed by:								
Cash to Capital	250							250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	25		
External debt and finance charges			
Transfer to General Capital Fund	250		
Total Direct Costs	275	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	275	-	-

To continue leveraging the investment made in PeopleSoft by implementing, configuring and utilizing the PeopleSoft Enterprise Accounts Receivable and Billing Modules. This will result in standardized and consistent processing of accounts receivable across the City, elimination of stand alone departmental accounts receivable systems, better manage customer account balances, better manage cash flow, minimize bad debt, provide city wide reporting and increase efficiency in transaction processing.

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

Back to Capital Project Detail
Table of Contents

Project Name: **Innovative Transit Program**

Department: Transit
Project: 4230030114

Capital Priority Rating: 3 - 2
Service: Public Transit
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	800	800	1,000	1,000	1,000	1,000	4,800	5,600
Financed by:									
Cash to Capital		800	800	1,000	1,000	1,000	1,000	4,800	5,600

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	800	800	1,000	1,000	1,000	1,000	-	5,600
Financed by:								
Cash to Capital	800	800	1,000	1,000	1,000	1,000		5,600

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		106	212
Total Direct Costs	-	106	212
Less: Incremental Revenue/Recovery	24	24	24
Net Cost/(Benefit)	(24)	82	188

The Innovative Transit Program provides for bus stop and technology upgrades which are not normally funded through the operating budget or other areas of the capital budget. This will include improvements to transit terminals at shopping centres and passenger shelters, improved waiting amenities at major bus stops, and allow for handi-transit payment by account system and automated transit scheduling system, all of which will provide an enduring benefit to the department and the public.

* 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: 4210000314

Capital Priority Rating: 3 - 2
Service: Public Transit
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	32,618	15,115	9,869	4,500	4,573	4,506	7,036	30,484	45,599
Financed by:									
Cash to Capital		4,226	4,934	4,500	4,573	4,506	7,036	25,549	29,775
Retained Earnings		2,200							2,200
Federal Gas Tax		1,132							1,132
Other Provincial Funding		7,557	4,935					4,935	12,492

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	13,043	9,468	11,509	37	4,506	7,036	-	45,599
Financed by:								
Cash to Capital	2,154	4,533	11,509	37	4,506	7,036		29,775
Retained Earnings	2,200							2,200
Federal Gas Tax	1,132							1,132
Other Provincial Funding	7,557	4,935						12,492

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		1,789	2,752
Total Direct Costs	-	1,789	2,752
Less: Incremental Revenue/Recovery	361	189	230
Net Cost/(Benefit)	(361)	1,600	2,522

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 and are operating at close to their effective capacities. A study of the Transit's facility requirements completed in 2009 indicates that these existing facilities will not support the fleet and operations necessary to meet increasing service demands in the near and long term. The department funds the maintenance of its facilities through the operating budget. However, many of the structural, mechanical and electrical systems in the existing facilities are past their design and economic lives and significant capital funding is required to bring the facilities up to acceptable standards.

This multi-year capital project will address both the issues of refurbishing and/or replacing the existing facilities to address age and condition issues and adding and/or expanding facilities to meet space requirements in the near and long term. In addition to garage facilities, this may include consolidation of off-site operational groups to the campus through the renovation of existing space or the construction and/or procurement of new areas.

A first call is requested on the 2015 capital budget of $9,869,000 prior to the adoption of the 2015 Capital Budget related to the North Garage and the need to upgrade garage ventilation systems related to changes in regulatory requirements.

Estimated useful life - dependent on the specific project.

Project Name: **Transit Buses**

Department: Transit
Project: 4210000214

Capital Priority Rating: 3 - 4
Service: Public Transit
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	15,367	17,307	22,737	23,884	24,889	25,836	114,653	130,020
Financed by:									
Cash to Capital			451	4,329	4,312	5,317	6,253	20,662	20,662
Transit Bus Replacement Reserve		6,279	7,136	8,688	9,852	9,852	9,863	45,391	51,670
Provincial Building Manitoba Fund		3,840	3,840	3,840	3,840	3,840	3,840	19,200	23,040
Federal Gas Tax		4,748	5,880	5,880	5,880	5,880	5,880	29,400	34,148
Retained Earnings		500							500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	15,367	17,307	22,737	23,884	24,889	25,836	-	130,020
Financed by:								
Cash to Capital		451	4,329	4,312	5,317	6,253		20,662
Transit Bus Replacement Reserve	6,279	7,136	8,688	9,852	9,852	9,863		51,670
Provincial Building Manitoba Fund	3,840	3,840	3,840	3,840	3,840	3,840		23,040
Federal Gas Tax	4,748	5,880	5,880	5,880	5,880	5,880		34,148
Retained Earnings	500							500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			38
Total Direct Costs	-	-	38
Less: Incremental Revenue/Recovery	100	109	187
Net Cost/(Benefit)	(100)	(109)	(149)

This project is for the ongoing purchase of new low-floor urban transit buses and all out-fitting costs associated with these purchases 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.

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

Project Name: **Southwest Rapid Transit Corridor - Stage 2**

Department: Transit
Project: 4230010514

Capital Priority Rating: 3 - 4
Service: Public Transit
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	15,000	127,500	-	-	-	142,500	142,500
Financed by:									
External Debt			10,000	127,500				137,500	137,500
Provincial Building Manitoba Fund			5,000					5,000	5,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	12,000	89,000	41,500	-	-	-	142,500
Financed by:								
External Debt		7,000	89,000	41,500				137,500
Provincial Building Manitoba Fund		5,000						5,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges		482	6,606
Transfer to General Capital Fund			
Total Direct Costs	-	482	6,606
Less: Incremental Revenue/Recovery		145	1,830
Net Cost/(Benefit)	-	337	4,776

Stage 2 of the Southwest Rapid Transit Corridor will extend the 3.6 km. Stage 1 transitway from Jubilee Avenue further south to serve various residential, commercial, industrial, recreational and educational centres in southwest Winnipeg. The project will extend the transitway, and will include the construction of several grade separations, multiple stations, and an extension to the existing active transportation path built as part of the Stage 1 project.

Upon completion of Stage 2, rapid transit service will operate the full length of the corridor between downtown and all destinations in the southwest part of the city, including the University of Manitoba and the new Stadium. The completion of the corridor will provide significant opportunities for transit-oriented development in lands adjacent to the rapid transit stations.

The urban travel demand in southwest Winnipeg is expected to substantially increase as approved and new developments are built in southwest Winnipeg. As specified in the adopted Transportation Master Plan, rapid transit is required in this sector of the city to enable the overall urban transportation system to accommodate the growth in travel. This project will significantly improve the competitiveness of public transit by allowing transit vehicles to bypass traffic congestion in the Pembina Highway corridor, improving the speed, reliability, and comfort of the many transit routes that serve southwest Winnipeg.

This authorization is based on the City share of the non-integrated project and has been superseded as noted below.

Estimated useful life - 30 years.

Southwest Rapid Transit Corridor - Stage 2 (continued):

The scope will be expanded to include the Pembina Highway Underpass Project with the final project delivery date expected in 2019. A revised budget for the expanded project is estimated at $600 million. The City and the Province of Manitoba have committed up to $225 million each toward this project, with additional funding requested from P3 Canada. The maximum funding available from P3 Canada would be 25% of eligible project costs. Operations of the Rapid Transit system will remain with Winnipeg Transit. A revision to the required borrowing authority is expected once the commitment of funding sources is in place and their distribution is established.

A report will be prepared and construction will not commence until all other partner funding is confirmed. This project has not been included in Policy (debt strategy and P3 cap) calculations and operating budget costs have not been included in the operating budget, pending confirmation of all other partner funding.

Project Name: **Fuel Storage Expansion**

Department: Transit
Project: 4210000414

Capital Priority Rating: 3 - 4
Service: Public Transit
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500							500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery	5		
Net Cost/(Benefit)	(5)	-	-

Transit currently holds approximately three days worth of fuel on-site. An increase in the fuel storage capacity is required to enable Transit to hold six days worth of fuel to mitigate the risks of fuel shortages and delays in delivery which could impact Transit's ability to maintain service.

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

Project Name: **Stormwater Retention Basin Rehabilitation**

Department: Water and Waste
Project: 20750001yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	50	200	200	600	600	600	2,200	2,250
Financed by:									
Cash to Capital		50	200	200	600	600	600	2,200	2,250

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	50	200	200	600	600	600	-	2,250
Financed by:								
Cash to Capital	50	200	200	600	600	600		2,250

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	50	200	200
Total Direct Costs	50	200	200
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	50	200	200

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 and piping, 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 93 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. Other expenditures from this account include studies to investigate alternatives to the current vegetation control methods.

The expected life of this asset is 25 years.

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

Project Name: **Flood Pumping Station Rehabilitation**

Department: Water and Waste
Project: 20765001yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	850	1,500	1,000	1,000	1,000	1,000	5,500	6,350
Financed by:									
Cash to Capital		850	1,500	1,000	1,000	1,000	1,000	5,500	6,350

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	850	1,500	1,000	1,000	1,000	1,000	-	6,350
Financed by:								
Cash to Capital	850	1,500	1,000	1,000	1,000	1,000		6,350

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	850	1,500	1,000
Total Direct Costs	850	1,500	1,000
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	850	1,500	1,000

A 2007 report on the adequacy and operation of the 34 regional flood pumping stations identified station upgrades required in the near and long term. 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. A program to address high priority reliability items has been developed for implementation over the next 6 years. All stations will be upgraded for remote monitoring which is critical during flood and rainfall events.

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: **Land Drainage and Combined Sewers Outfall Gate Structures**

Department: Water and Waste
Project: 20785002yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	700	1,700	1,800	1,300	1,500	1,500	7,800	8,500
Financed by:									
Cash to Capital		700	1,700	1,800	1,300	1,500	1,500	7,800	8,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	700	1,700	1,800	1,300	1,500	1,500	-	8,500
Financed by:								
Cash to Capital	700	1,700	1,800	1,300	1,500	1,500		8,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	700	1,700	1,800
Total Direct Costs	700	1,700	1,800
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	700	1,700	1,800

This is a project to install flap gates and positive sliding (sluice) 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 during a rainfall or snow melt event. Subsequent to the 1997 flood event, 70 outfall locations were identified as requiring gates.

In preparation for the 2011 flood, it was noted that the City was vulnerable from three large ungated outfalls, namely Minnetonka, Rivergate and Woodhaven. Minnetonka was completed in 2012, Rivergate in 2013 and the City is working on the Woodhaven gate chamber. Once completed the City will have upgraded gate chamber protection up to James 24.5 ft.

Attention will now focus on upgrades to the City's storm relief sewers (SRS) that were installed to provide additional storm capacity in combined sewer districts to deal with summer rainstorms. The older SRS systems are only isolated from the river with sluice gates. An engineering study will be undertaken to develop conceptual design and cost estimates for adding flap gates to eight identified sites.

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: **Floodplain Management**

Department: Water and Waste
Project: 20700004yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,323	100	100	-	-	-	-	100	200
Financed by:									
Cash to Capital		100	100					100	200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	100	-	-	-	-	-	200
Financed by:								
Cash to Capital	100	100						200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100	100	
Total Direct Costs	100	100	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	100	100	-

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, remove and relocate 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. To date 28 properties have been protected under this program and a few of the properties have had their flood protection systems raised up to the City's designated Flood Protection Level (FPL) and therefore will not require any additional sandbagging for floods up to a 1997 level.

The program is now focusing on properties impacted in the south end of the City due to river ice conditions. It is expected that the program will be completed in the next 2 to 3 years.

Project Name: **Seine River Waterway Acquisition**

Department: Water and Waste
Project: 20800001yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,196	150	150	150	150	150	150	750	900
Financed by:									
Cash to Capital		150	150	150	150	150	150	750	900

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	150	150	150	150	150	150	-	900
Financed by:								
Cash to Capital	150	150	150	150	150	150		900

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	150	150	150
Total Direct Costs	150	150	150
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	150	150	150

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: 20700014yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,265	-	-	-	1,100	1,000	1,300	3,400	3,400
Financed by:									
Cash to Capital					1,100	1,000	1,300	3,400	3,400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	1,100	1,000	1,300	-	3,400
Financed by:								
Cash to Capital				1,100	1,000	1,300		3,400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The City's primary dikes were constructed right after the devastating 1950 flood to provide a combination of permanent and temporary flood protection; with permanent protection up to 24.5 ft. James. In 1966 (pre-Floodway) there was a temporary raise of the dikes to 31.5 ft. James in a period of 2 weeks; actual peak was 26.2 ft. The 1997 flood peak was 24.5 ft.

Following the 1997 flood, the Floodway operating rules were reviewed and Rule 2 was developed that stated that once levels reached James 24.5 ft. in the City, the Floodway gates would be raised to up to 2 ft. above natural and if levels were to rise higher the Province would advise the City to begin raising its primary dikes to pass more flow through the City. In 2010, these rules were reviewed following Floodway expansion and no changes were made to Rule 2. It is estimated that the City will need to raise its primary dikes for floods greater than a 1 in 150 year flood (see Flood Manual upgrade). Note the Floodway Expansion provides the security to the City to safely pass larger floods if the City is not able to raise its primary dikes in time.

During the Floodway Expansion Clean Environment Commission (CEC) hearings it was cited that to raise the City's primary dike system by 2 ft. (0.6 meter) on a temporary basis would take 2 weeks or less and cost $10 million. Further studies by the City indicate that a 2 ft. (0.6 meter) permanent raise would cost $400 million (2009 dollars) including associated bank stability improvements required. The CEC report (June 2005) 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. To date, no additional sources of funding have been secured. Until a permanent raise is in place the City will rely on temporary raises to its primary dike system on an as-required basis.

There are a number of major drains that pass through the primary dike system that require closure during a major flood. Previous capital funding in 2011 and 2012 was used in 2013 to build a gate chamber with pumps to isolate Beaujolais Coulee (St. Norbert) from the river. The next capital project will be to build a gate chamber off the Perimeter Highway to isolate Baldry Creek (Fort Richmond).

Project Name: **Land Drainage Utility Study and Implementation**

Department: Water and Waste
Project: 2070001514

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	500	-	-	-	-	-	-	500
Financed by:									
Cash to Capital		500						-	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	100	-	-	-	-	500
Financed by:								
Cash to Capital	200	200	100					500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	500		
Total Direct Costs	500	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	500	-	-

The funding is required to study the feasibility of implementing a new Land Drainage Utility.

Project Name: **Permanent Flood Pumping Stations**

Department: Water and Waste
Project: 20700023yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	435	-	500	400	400	-	-	1,300	1,300
Financed by:									
Cash to Capital			500	400	400			1,300	1,300

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	400	400	-	-	-	1,300
Financed by:								
Cash to Capital		500	400	400				1,300

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund		500	400
Total Direct Costs	-	500	400
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	500	400

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 replaced 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: **Land Drainage Supervisory Control and Data Acquisition (SCADA) System**

Department: Water and Waste
Project: 2070002414

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	100	-	-	-	-	-	-	100
Financed by:									
Cash to Capital		100						-	100

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	100	-	-	-	-	-	-	100
Financed by:								
Cash to Capital	100							100

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	100		
Total Direct Costs	100	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	100	-	-

The City currently has continuous water level monitoring from 8 gauges on the Red and Assiniboine Rivers. During flood or significant rainfall events, surveyors are sent out to monitor water levels at other key river sites and on critical stormwater retention basins throughout the City.

Installation of a monitoring system allows for monitoring of water levels during a flood event and post-event assessments of the performance of the lake sites. A total of 14 sites have been identified. The first phase of the program is to develop installation concepts and cost estimates for each site which is nearing completion as of June 2013 and the second phase will be installation of the gauges based on overall priority.

Under this program a river level monitoring site was added to the South Perimeter Bridge for the 2013 flood event and a second gauge will be added to the North Perimeter Bridge later in 2013.

Project Name: **Flood Manual Upgrades**

Department: Water and Waste
Project: 20700012yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,050	948	300	-	-	-	-	300	1,248
Financed by:									
Cash to Capital		948	300					300	1,248

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	948	300	-	-	-	-	-	1,248
Financed by:								
Cash to Capital	948	300						1,248

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	948	300	
Total Direct Costs	948	300	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	948	300	-

The City of Winnipeg's Geographic Information System based Flood Manual was developed in the 2000 to 2003 timeframe and has proven invaluable in fighting a number of floods since then. The upper bound of the Flood Manual calculations is a water level comparable to 1997 flood or 24.5 ft. James Avenue. Based on the current Floodway Operating Rules, levels in the City could exceed 24.5 ft. James Avenue for floods slightly larger than a 1 in a 100 year flood. Initial planning for the 2011 flood indicated that there was a potential of exceeding the upper bounds of the Flood Manual. Preliminary analysis indicates that the Flood Manual should be extended to calculate flood activities up to 27.0 ft. James Avenue. The City will consult with Manitoba Infrastructure and Transportation (MIT) on an appropriate upper bound.

The second aspect of this work is to upgrade the Flood Manual software and interfaces that are 10 years old to current City of Winnipeg Information Systems and Technology standards. For example, the Flood Manuals interface software uses Visual Basic 6 (VB6) which is no longer supported by Microsoft.

The upgrade will take 2 years to complete.

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

Project Name: **Outfall Rehabilitation**

Department: Water and Waste
Project: 20780001yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	900	1,200	1,508	2,000	2,000	1,011	7,719	8,619
Financed by:									
Cash to Capital		900	1,200	1,508	2,000	2,000	1,011	7,719	8,619

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	900	1,200	1,508	2,000	2,000	1,011	-	8,619
Financed by:								
Cash to Capital	900	1,200	1,508	2,000	2,000	1,011		8,619

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	900	1,200	1,508
Total Direct Costs	900	1,200	1,508
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	900	1,200	1,508

Funding is for rehabilitation of sewer outfalls, repair to piping, and correction of riverbank instability. A condition assessment was completed in 1998 and 350 sites were classified from a scale of 1 to 5 with 5 being the worst site and a high priority for repair and replacement. Originally 55 high-priority sites were identified requiring attention. Since then, 5 more sites have been added for a total of 60 sites. There are currently 28 priority sites remaining.

The work program for the next year is to undertake a new outfall condition assessment to re-assess Winnipeg's 350 outfall sites given the substantive bank movement and slumping that has occurred in the last 20+ years of high-water events.

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: **Development Agreement Paybacks**

Department: Water and Waste
Project: 20770001yy

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

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	500	500	500	500	500	-	2,000	2,500
Financed by:									
Developer Capacity Charges		500	500	500	500	500		2,000	2,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	500	500	500	-	-	2,500
Financed by:								
Developer Capacity Charges	500	500	500	500	500			2,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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:

2014 DASZ 10/10 - North Grassie Properties/Starlight Village	$500,000
2015 DASZ 10/13 - Genstar/Prairie Crossing	$500,000
2016 DASZ 15/13 - Waterside/Transcona West	$500,000
2017 - Ridgewood	$500,000
2018 DASZ 56/85 - Inksbrook Industrial Park	$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: **Shoal Lake Aqueduct and Falcon River Diversion Bridges**

Department: Water and Waste
Project: 2001002713

Capital Priority Rating: 5 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	-	2,000	-	-	-	-	2,000	2,000
Financed by:									
Retained Earnings			2,000					2,000	2,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	2,000	-	-	-	-	-	2,000
Financed by:								
Retained Earnings		2,000						2,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

In 1989, the Province and the City entered into the Shoal Lake Tripartite Agreement with Shoal Lake First Nation #40. The intent of the agreement is to protect and maintain the high quality of Winnipeg's drinking water source, while at the same time promoting sustainable economic development for Shoal Lake First Nation #40.

However, key to economic development in the community is the basic requirement of all-weather road access. Currently, seasonal ice conditions limit safe passage for people, and limit delivery of essential goods and services. Limited access also increases the costs to provide basic infrastructure, and as a result the community does not have adequate drinking water or liquid/solid waste management systems.

Plans are underway for development of an all-weather road to the community. The road will cross the Shoal Lake Aqueduct and the Falcon River diversion channel, which are critical components of the City of Winnipeg water supply system. Bridges over the City's aqueduct and the diversion channel will be required as part of this road project, and are essential to protect these critical water supply assets from traffic loading.

Estimated life of these assets is 25 years.

Project Name: **Shoal Lake Aqueduct Asset Preservation**

Department: Water and Waste
Project: 20030006yy

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,435	-	500	500	500	500	500	2,500	2,500
Financed by:									
Retained Earnings			500	500	500	500	500	2,500	2,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	500	500	500	500	-	2,500
Financed by:								
Retained Earnings		500	500	500	500	500		2,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 or rehabilitation of boathouses 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.

The expected life of this asset is 50 years.

Project Name: **Shoal Lake Aqueduct Intake Facility Rehabilitation**

Department: Water and Waste
Project: 20120002yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,000	530	1,100	2,000	2,000	240	960	6,300	6,830
Financed by:									
Retained Earnings		530	1,100	2,000	2,000	240	960	6,300	6,830

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	530	1,100	2,000	2,000	240	960	-	6,830
Financed by:								
Retained Earnings	530	1,100	2,000	2,000	240	960		6,830

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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. Given the 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 was performed and identified a number of rehabilitation and replacement requirements. This included the replacement and refurbishment of various mechanical components that date back to the original construction, the replacement of the Maintenance/Communication Facility, as well as upgrades and improvements to the existing infrastructures. The recommended improvements will be completed in phases according to priority.

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. 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 to chlorination was investigated as part of the Drinking Water Quality Strategy.

Quagga and zebra mussel mitigation is under review as zebra mussels have been detected in the Red River in North Dakota. The Drinking Water Quality Strategy Report contains mitigation recommendations for quagga and zebra mussels. An allowance for implementing mussel mitigation at the intake is included in the budget.

The expected life of this asset is 50 years.

Project Name: **Branch Aqueduct Condition Assessment and Rehabilitation**

Department: Water and Waste
Project: 2003000515

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,500	-	500	-	-	-	-	500	500
Financed by:									
Retained Earnings			500					500	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Retained Earnings		500						500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 between 1959 and 1963 and will require specialized inspection, testing, and maintenance to preserve the asset.

The expected life of this asset is 50 years.

Project Name: **GWWD Railway Bridge Rehabilitation**

Department: Water and Waste
Project: 2006000314

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	500	2,200	-	-	-	-	-	-	2,200
Financed by:									
Retained Earnings		2,200						-	2,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	2,200	-	-	-	-	-	-	2,200
Financed by:								
Retained Earnings	2,200							2,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project involves the replacement of the timber bridges at Mile 77.6 (East Braintree) and Mile 22.1 (Cook's Creek) with new structures and abutment repairs for the bridge at Mile 41 (Brokenhead River).

The Greater Winnipeg Water District Railway (GWWD) line, which parallels the main aqueduct from Winnipeg to Shoal Lake, provides for maintenance of the aqueduct along its entire length and delivery of vital goods and services to Shoal Lake required to protect the quality and safety of the City's water supply.

The expected life of this asset is 50 years.

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



Mile 77.6 (East Braintree)

Project Name: **Water Treatment Plant Chemical Feed Pump Replacement**

Department: Water and Waste
Project: 2002500114

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	140	400	-	-	-	-	-	-	400
Financed by:									
Retained Earnings		400						-	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Retained Earnings	400							400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Drinking Water Treatment Plant is the single source of treated water for the City of Winnipeg. The water treatment processes are comprised of pumps, valves, piping, custom designed and manufactured mechanical components, compressors, chemical handling and metering equipment, electronic measurement and control devices, electric motors and transformers as well as other related equipment. Due to the corrosive properties of the various chemicals used in the treatment processes, mechanical and electrical equipment will have to be rebuilt or replaced to ensure the provision of treated water to the City.

The works to be undertaken includes the upgrading of the chemical feed pumps and associated performance monitoring and chemical spill containment systems.

Project Name: **Ultraviolet Light Disinfection Upgrade / Rehabilitation**

Department: Water and Waste
Project: 20025004yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	400	-	4,000	-	-	-	4,000	4,400
Financed by:									
Retained Earnings		400		4,000				4,000	4,400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	-	4,000	-	-	-	-	4,400
Financed by:								
Retained Earnings	400		4,000					4,400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The ultraviolet light disinfection system is an integral pathogen barrier in the drinking water treatment process. The process treats the water by emitting ultraviolet light into the water. There is a significant amount of rejection heat generated by the electrical and mechanical systems which degrade the equipment. Typically the ballasts, transformers, bulbs, quartz sleeves and mechanical wiper systems all must be serviced and replaced at regular intervals to maintain the reliable operation of this treatment system.

The ultraviolet light disinfection system will be reconfigured to dose based upon the new water treatment plant finished water quality. Amendments will also be made to the system to accommodate changes that will be required by regulations as a result of the low wave length issue.

The expected life of this asset is 5 to 20 years.

Funding in 2014 includes re-budgeted amounts from previously approved Capital Budgets.

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

Project Name: **Deacon Site Flood Protection**

Department: Water and Waste
Project: 2002500514

Capital Priority Rating: 3 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	300	1,825	-	-	-	-	1,825	2,125
Financed by:									
Retained Earnings		300	1,825					1,825	2,125

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	1,825	-	-	-	-	-	2,125
Financed by:								
Retained Earnings	300	1,825						2,125

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 Water Treatment Plant and related onsite buildings.

The expected life of this asset is over 50 years.

Project Name: **Tache Booster Pumping Station**

Department: Water and Waste
Project: 2005000615

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,500	-	1,800	-	-	-	-	1,800	1,800
Financed by:									
Retained Earnings			1,800					1,800	1,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	1,800	-	-	-	-	-	1,800
Financed by:								
Retained Earnings		1,800						1,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 valve and piping between the pumping station and the surge tower. Also, aesthetic, security fencing and landscaping upgrades to the site and facilities will be undertaken to coincide and assimilate with the proposed residential redevelopment of the surrounding area.

The expected life of this rehabilitation asset is 50 years.

Project Name: **Pumping Stations Reliability Upgrades**

Department: Water and Waste
Project: 20050003yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,086	1,500	500	1,200	-	-	-	1,700	3,200
Financed by:									
Retained Earnings		1,500	500	1,200				1,700	3,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,500	500	1,200	-	-	-	-	3,200
Financed by:								
Retained Earnings	1,500	500	1,200					3,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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. In order to identify the deficiencies in the system, a Water Pumping Station Power Reliability Study was completed. One of the recommendations of the study was to carry out Water Pumping Stations Electrical Inspections. The study and the inspections produced recommendations for a number of electrical and control improvements to reduce the effects of electrical power disruptions. The required improvements will be completed in phases according to priority.

The expected life of this asset is 20 years.

Project Name: **Pumping Stations and Reservoirs Structural Upgrades**

Department: Water and Waste
Project: 20050012yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	820	3,200	900	-	450	500	750	2,600	5,800
Financed by:									
Retained Earnings		3,200	900		450	500	750	2,600	5,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	3,200	900	-	450	500	750	-	5,800
Financed by:								
Retained Earnings	3,200	900		450	500	750		5,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs		25	25
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	25	25
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	25	25

The McPhillips, Wilkes and MacLean reservoirs provide balancing storage to meet fluctuating daily water demands and the McPhillips, Hurst, and MacLean pumping stations provide the final pumping to deliver water to the Water Utility customers. The pump stations and reservoirs 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 2013 with future funding requirements to be identified in the report.

The expected life of these assets is 50 years.

Funding in 2013 includes re-budgeted amounts from previously approved Capital Budgets.

Project Name: **Chlorination Upgrading at Pumping Stations**

Department: Water and Waste
Project: 20050011yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	700	800	800	450	-	2,750	2,750
Financed by:									
Retained Earnings			700	800	800	450		2,750	2,750

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	700	800	800	450	-	-	2,750
Financed by:								
Retained Earnings		700	800	800	450			2,750

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Drinking Water Quality Strategy Project has determined that chlorination at the existing pumping stations should continue in order to maintain a chlorine residual in the distribution system. The existing chlorination system is based upon the use of gas chlorine which is a hazardous chemical. To reduce the risk to the City, staff, public and the environment, bulk liquid or onsite generation of sodium hypochlorite will be designed and installed at the pumping stations.

Project Name: **Water Supervisory Control and Data Acquisition (SCADA) Upgrade**

Department: Water and Waste
Project: 20050002yy

Capital Priority Rating: 5 - 4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	3,800	1,100	7,400	-	-	-	-	7,400	8,500
Financed by:									
Retained Earnings		1,100	7,400					7,400	8,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,100	5,250	1,700	450	-	-	-	8,500
Financed by:								
Retained Earnings	1,100	5,250	1,700	450				8,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Supervisory Control and Data Acquisition (SCADA) system controls and monitors the operation of the Drinking Water Treatment Plant and the 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 pumping stations (McPhillips, MacLean, and Hurst), Tache and Deacon Booster Pumping Stations, and Shoal Lake Intake were installed in 1992 and are no longer 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.

Concurrent with the PLC replacement, the controller logic language will be updated along with additional electrical upgrades to enhance operational reliability.

The expected service life of the PLC is 10 years but will depend on the technical advancement in the process automation field.

The system of computer servers, workstations, and software of regional SCADA was last upgraded in 2006 and is approaching the end of its useful life. Operating system support for this hardware is slated to end as of July 2015 and hardware age has exceeded the current industry standard for replacement, with increasing risks to system reliability. To achieve system sustainability and ensure continuous operation of the system, replacement of server and workstation hardware and installation of software with longer support lifespan including compatibility with new hardware is required.

The expected service life for the hardware is approximately 5 years for optimal regional SCADA system reliability.

Project Name: **Waterworks System Security Upgrades**

Department: Water and Waste
Project: 20010015yy

Capital Priority Rating: 5 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	500	500	500	500	500	2,500	2,500
Financed by:									
Retained Earnings			500	500	500	500	500	2,500	2,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	500	500	500	500	-	2,500
Financed by:								
Retained Earnings		500	500	500	500	500		2,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	25	25	25
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	25	25	25
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	25	25	25

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.

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

Project Name: **Regulatory Assessment of Water System Infrastructure and Supply Sources**

Department:	Water and Waste	Capital Priority Rating:	5 - 2
Project:	2001000715	Service:	Water
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	575	-	650	-	-	-	-	650	650
Financed by:									
Retained Earnings			650					650	650

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	650	-	-	-	-	-	650
Financed by:								
Retained Earnings		650						650

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

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

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

Project Name: **North End Water Pollution Control Centre (NEWPCC) - Environmental Standards Division Laboratory Facility Upgrading**

Department: Water and Waste
Project: 20010022yy

Capital Priority Rating: 3 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	360	200	-	-	-	-	-	-	200
Financed by:									
Retained Earnings		200						-	200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Retained Earnings	200							200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Environmental Standards Division Laboratory is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the NEWPCC. The ISO accreditation requires a constant room temperature to conduct tests that provide consistent and accurate results. The existing air handling unit providing heating and air conditioning to the Environmental Standards Laboratory is 18 years old. There have been problems with this system over the past several years.

The upgrade of the heating, ventilating and air conditioning (HVAC) system consists of replacing the existing air handling unit with a HVAC unit M-639, a system that meets the appropriate needs of the laboratory and administration offices.

The expected life for this facility is approximately 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

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

Project Name: **Water Treatment Research and Process Optimization Facility**

Department: Water and Waste
Project: 2002300614

Capital Priority Rating: 3-2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	300	-	-	-	-	150	150	450
Financed by:									
Retained Earnings		300					150	150	450

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	300	-	-	-	-	150	-	450
Financed by:								
Retained Earnings	300					150		450

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

Standardized corrosion control monitoring will be included in the facility. The monitoring stations will include water service pipes and harvested pipe sections from the distribution system. The facility will provide an opportunity to test alternative corrosion control strategies.

The expected life of this asset is 25 years.

Project Name: **Water Conservation and Efficiency Study**

Department: Water and Waste
Project: 2001002815

Capital Priority Rating: 3-2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	230	-	-	-	-	230	230
Financed by:									
Retained Earnings			230					230	230

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	230	-	-	-	-	-	230
Financed by:								
Retained Earnings		230						230

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The City of Winnipeg's Water Conservation Program was launched in 1992 after a Comprehensive Water Supply Study in 1990 predicted that overall water demand would exceed the Shoal Lake Aqueduct capacity in 2011. The main goal of the water conservation program was to maintain water demand within the aqueduct capacity. Water demand projections were updated on a regular basis in the 1990's and indicated the water conservation program activities were successful. The program was scaled back in 1998 as water demand was well within aqueduct capacity.

In 2009, the water conservation program introduced the Residential Toilet Replacement Credit Program. In 2011, City Council adopted OurWinnipeg - Sustainable Water and Waste Directional Strategy, a 25-year planning vision (until 2035) for the City of Winnipeg. In this strategy, the City of Winnipeg would continue with the successful water conservation program. Also in 2011, the City updated its water supply study to 2035.

A Water Conservation and Efficiency Study is a critical component to the City's water and wastewater infrastructure. This study would identify potential policies, programs and resource requirements to align with the major planning documents OurWinnipeg - Sustainable Water and Waste Directional Strategy and the updated water supply study.

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

Project Name: **Saskatchewan Avenue Watermain**

Department: Water and Waste
Project: 2013500115

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	4,400	-	-	-	-	4,400	4,400
Financed by:									
Retained Earnings			4,400					4,400	4,400

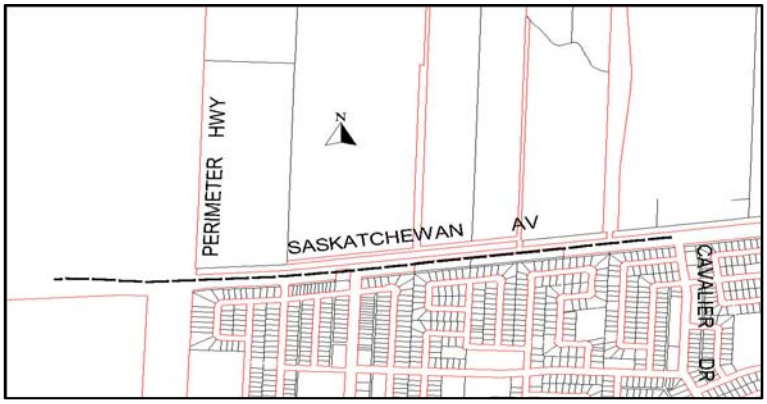
CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	4,400	-	-	-	-	-	4,400
Financed by:								
Retained Earnings		4,400						4,400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

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



Project Name: **North Kildonan Feedermain River Crossing Replacement / Rehabilitation**

Department: Water and Waste
Project: 2004001114

Capital Priority Rating: 5-4
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	3,000	-	-	-	-	-	-	3,000
Financed by:								
Retained Earnings	3,000							3,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The North Kildonan Feedermain is a 600 mm diameter pipe that was constructed in 1972 and is critical to the City of Winnipeg water distribution network. The feedermain crosses along the surface of the Red River river bed on an alignment just north of the Chief Peguis Trail.

In the fall of 2012, the City of Winnipeg Water Services Division determined the presence of a major leak in the Feedermain near the middle of the Red River crossing. The pipe repair work that has been completed is considered a temporary solution.

A reliable 600 mm diameter Feedermain river crossing at this location is critical to the City's water supply network in terms of available flows for fire protection, consistent distribution pressure, water supply redundancy and to minimize the potential for environmental issues.

The construction work will begin in 2014.

The expected life of this asset is over 50 years.

Project Name: **Feedermain Condition Assessment and Rehabilitation**

Department: Water and Waste
Project: 20040007yy

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	2,000	2,000	2,000	2,000	2,000	750	8,750	10,750
Financed by:									
Retained Earnings		2,000	2,000	2,000	2,000	2,000	750	8,750	10,750

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	2,000	2,000	2,000	2,000	2,000	750	-	10,750
Financed by:								
Retained Earnings	2,000	2,000	2,000	2,000	2,000	750		10,750

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

The program will also include replacement of valves and operators, related pipe connections, valve chambers, structural assessments, and restoration works. This is an ongoing program with additional funding being included in future years.

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

Project Name: **Public Water Outlets**

Department: Water and Waste
Project: 2001001715

Capital Priority Rating: 3 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	750	-	500	-	-	-	-	500	500
Financed by:									
Retained Earnings			500					500	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Retained Earnings		500						500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Funds are required to perform an assessment of water sales, a review of the public water outlet locations, safety upgrades, and rehabilitation and reconstruction options. Future funds may be required following the recommendations of the study.

Life expectancy will vary between 20 and 50 years.

Project Name: **Meter Infrastructure Project**

Department: Water and Waste - Waterworks System
Project: 2001002515

Capital Priority Rating: 3 - 1
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,075	-	500	-	-	-	-	500	500
Financed by:									
Retained Earnings			500					500	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	500	-	-	-	-	-	500
Financed by:								
Retained Earnings		500						500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The project is for piloting an Advanced Metering Infrastructure (AMI) solution for the Water and Waste Department. AMI is a water metering solution providing daily meter data wirelessly via a communication network. The pilot is planned for a 12 month period, 2014 to 2015 for meters in service, followed by an assessment period, 2015 to 2016 to provide the assurance that the AMI business case is achievable. Approval for full AMI implementation will be requested upon demonstrated pilot success. Costs for full implementation of an advanced metering technology are estimated to be up to $82.3 million.

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

Project Name: **Water and Waste Department GIS Enhancement Program**

Department: Water and Waste
Project: 20100003yy

Capital Priority Rating: 5 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	115	100	100	100	100	100	500	615
Financed by:									
Retained Earnings		115	100	100	100	100	100	500	615

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	115	100	100	100	100	100	-	615
Financed by:								
Retained Earnings	115	100	100	100	100	100		615

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The purpose of this program is to react to ever changing technologies and operational needs and make whatever changes are required to improve the Department's Geographic Information System (GIS) data quality, maintenance processes, and value to the data stakeholders.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Safety Upgrades - Isolation Valves at Valve and Meter Pits**

Department: Water and Waste
Project: 20010014yy

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	231	50	50	-	-	-	-	50	100
Financed by:									
Retained Earnings		50	50					50	100

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2017	Total
Project Costs ($000's)	50	50	-	-	-	-	-	100
Financed by:								
Retained Earnings	50	50						100

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

Funding in 2014 and 2015 includes re-budgeted amounts from previously approved Capital Budgets.

Project Name: **Oracle Work Asset Management System Upgrade**

Department: Water and Waste
Project: 2010000113

Capital Priority Rating: 5 - 3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	135	45	-	-	-	-	-	-	45
Financed by:									
Retained Earnings		45							45

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	45	-	-	-	-	-	-	45
Financed by:								
Retained Earnings	45							45

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	20	20	20
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	20	20	20
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	20	20	20

Oracle Work Asset Management (WAM) System upgrade consists of seeking professional services to update the WAM system to the supported software and infrastructure services levels to ensure continued stability for Water and Waste operations. The WAM upgrade adheres to the vendor support terms to ensure availability of their support services and entitlement of future software fixes and enhancements. The upgrade to the software asset estimated life is 4 years where vendor support will be available.

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: **Laboratory Information Management System Upgrade**

Department: Water and Waste
Project: 20100008yy

Capital Priority Rating: 3 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	500	500	-	-	-	-	500	1,000
Financed by:									
Retained Earnings		500	500					500	1,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	-	-	-	-	-	1,000
Financed by:								
Retained Earnings	500	500						1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This capital project will replace the aging Laboratory Information Management System used to track and report on water quality test results. The existing solution is at the end of its life cycle and cannot be further enhanced to keep abreast of new Canadian Association for Laboratory Accreditation Inc. (CALA) accreditation requirements. The lab needs to maintain its CALA accreditation in order to comply with the Environment Act Licenses for the operation of the water and wastewater treatment plants which dictates all water quality analysis must be conducted by a CALA accredited laboratory.

The estimated life of this asset is 10 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Building Renovations - 1199 Pacific Avenue**

Department: Water and Waste
Project: 2001000813

Capital Priority Rating: 3 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	125	-	-	-	-	-	55	55	55
Financed by:									
Retained Earnings							55	55	55

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	55	-	55
Financed by:								
Retained Earnings						55		55

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Building reconfiguration and renovations are necessary to expand meeting space and also to accommodate project staff working on the wastewater improvement program. Relocation of expanded Solid Waste and Information Systems and Technology divisions has resulted in a need to reconfigure the space.

Funds included in 2019 are to carry-out a master plan for the 1199 Pacific Avenue facility.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Utility Asset Management System**

Department: Water and Waste
Project: 2010000914

Capital Priority Rating: 3-2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500							500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	235	235	235
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	235	235	235
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	235	235	235

The following projects from the 2012 Capital Budgets: Land Drainage Asset Management Strategy, Aqueduct Information Management System, Hydrant and Valve Operations Management Systems and Wastewater Collection System Asset Management Strategy, have been combined into one project called the Utility Asset Management System.

Department asset management programs such as the Sewer Management System (SMS) and the Aqueduct Information Management System (AIMS) are at the end of their useful life, are becoming difficult to support and require replacement. Additional requirements have arisen such as a need for managing watermain assets, hydrants and valves and a Synergen/GIS interface. It is believed that all of these requirements can be addressed by a single IT solution such as a commercial off the shelf asset management program.

The work of this project will be to identify department needs, procure an appropriate solution, modify to suit and implement across the Department.

The estimated life of this asset is 10 years.

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: **Correspondence and Bill Generation Upgrades**

Department: Water and Waste
Project: 201000214

Capital Priority Rating: 5-3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	165	-	-	-	-	-	-	165
Financed by:									
Retained Earnings		165							165

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	165	-	-	-	-	-	-	165
Financed by:								
Retained Earnings	165							165

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs		15	15
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	15	15
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	15	15

This project will seek professional services to update the production correspondence and billing generation engine and designer components to ensure continued stability for Water and Waste billing and customer account services. This project includes the acquisition of additional software licensing and new software to facilitate template design changes, print conversion and print stream comparison capabilities.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The estimated life cycle of 5 years where vendor support will be available.

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

Project Name: **Information Technology Continuity Business Plan**

Department: Water and Waste
Project: 2010001014

Capital Priority Rating: 5-3
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150							150

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project will update the Information Technology Continuity Business Plan which provides guidance for how the Department should react to unplanned events that impact departmental computer systems.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The estimated life cycle is 5 years during which time vendor support will be available.

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

Project Name: **Watermain Renewals**

Department: Water and Waste
Project: 201300xxyy

Capital Priority Rating: 5 - 2
Service: Water
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	16,000	17,000	17,000	17,500	17,500	18,000	87,000	103,000
Financed by:									
Watermain Renewal Reserve		16,000	17,000	17,000	17,500	17,500	18,000	87,000	103,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	16,000	17,000	17,000	17,500	17,500	18,000	-	103,000
Financed by:								
Watermain Renewal Reserve	16,000	17,000	17,000	17,500	17,500	18,000		103,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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, water system studies, assessments, replacement of problem water services within the City right-of-way and hydraulic improvements for fire protection purposes. Additional funding has been added to the program due to the escalation in construction costs. 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: **Biosolids - Alternative Disposal Delivery and Management System**

Department: Water and Waste
Project: 203110004B

Capital Priority Rating: 5 - 3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	44,644	5,000	40,000	71,000	61,000	-	-	172,000	177,000
Financed by:									
Environmental Projects Reserve		3,857	253	1,818	2,332			4,403	8,260
Retained Earnings		1,143	3,176	2,107	3,778			9,061	10,204
External Debt			36,571	67,075	54,890			158,536	158,536

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	5,000	3,429	3,925	42,681	67,075	54,890	-	177,000
Financed by:								
Environmental Projects Reserve	3,857	253	1,818	2,332				8,260
Retained Earnings	1,143	3,176	2,107	3,778				10,204
External Debt				36,571	67,075	54,890		158,536

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The City of Winnipeg has reviewed its 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 an alternate biosolids management program as a result of the Provincial Nutrient Management Regulation.

The current Biosolids management program will need to be modified to satisfy the Regulation and will require significant capital investment and transition time to implement the required changes. A Biosolids Master Plan Study will identify potential options, costs and timeframes to implement a new biosolids management program to comply with the Water Protection Act. Funds included are for engineering design and construction of an alternative to the previous WINGRO program.

The expected life of the facility is 50 years and the expected life of the mechanical components is 25 years.

Project Name: **Wastewater System Security Upgrades**

Department: Water and Waste
Project: 20300015yy

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	200	-	-	500	500	500	1,500	1,700
Financed by:									
Retained Earnings		200			500	500	500	1,500	1,700

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	-	500	500	500	-	1,700
Financed by:								
Retained Earnings	200			500	500	500		1,700

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The wastewater system is made up of complex infrastructure of sewers and pumping stations that convey sewage from Winnipeg homes and businesses to one of three wastewater treatment plants.

Operating the wastewater system is subject to legislation including City By-Laws, the Public Health Act, Operator Certification Regulations, Workplace Safety and Health Act and the Environment Act.

Safeguarding our infrastructure from accidental or intentional damage or destruction is critical to protecting public health and safety, preserving the environment and ensuring economic stability.

Funding in 2014 will be for consulting and engineering services for development of a Wastewater System Physical Security Plan.

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

Project Name: **North End Water Pollution Control Centre (NEWPCC) - Main Building HVAC Replacement**

Department:	Water and Waste	Capital Priority Rating:	3 - 2
Project:	2031002614	Service:	Wastewater
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	400	-	-	-	-	-	-	400
Financed by:									
Retained Earnings		400						-	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	400	-	-	-	-	-	-	400
Financed by:								
Retained Earnings	400							400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The main building heating, ventilating and air conditioning (HVAC) unit M-651 is approximately 25 years old. There have been problems with this system over the past several years.

The upgrade of the HVAC system will consist of replacing the existing air handling unit with a HVAC system that meets the appropriate needs.

The life expectancy of this asset is 20 years.

Back to Capital Projects Summary

Project Name: **NEWPCC - Nutrient Removal / Upgrade**

Department: Water and Waste
Project: 203110013B

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	33,214	10,000	100,000	130,000	130,000	106,236	38,000	504,236	514,236
Financed by:									
Retained Earnings		10,000	41,600	20,000				61,600	71,600
External Debt			58,400	110,000	130,000	106,236	38,000	442,636	442,636

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	10,000	41,600	20,000	58,400	110,000	130,000	144,236	514,236
Financed by:								
Retained Earnings	10,000	41,600	20,000					71,600
External Debt				58,400	110,000	130,000	144,236	442,636

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Upon completion of the 2003 Clean Environment Commission Regulatory Hearings regarding the 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.

Environment Act Licences have been issued for all three plants requiring a final effluent with total P and N concentrations of about 1 mg/L and 15 mg/L, respectively. The implementation of a nutrient removal (NR) process will require a major plant expansion and given the age of the existing structure and the complexity of phasing the construction, several new facilities will be constructed as part of this project. 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 addition of wet weather treatment processes associated with combined sewer overflow (CSO) control must be considered in the overall NR process design and operation effluent disinfection for wet weather.

The current funding requirement is based on planning level assessments and are subject to a great deal of uncertainty. These funding requirements will be updated as engineering progresses.

The City of Winnipeg may be implementing an alternative project delivery method for the Nutrient Removal/Upgrade project for the NEWPCC. As such, the Capital Budget needs and cash flow may need to be altered in the future, depending on how the projects are delivered.

The NEWPCC - Raw Sewage Pump Replacement project will be undertaken with this project.

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: **South End Water Pollution Control Centre (SEWPCC) - Nutrient Removal / Expansion**

Department: Water and Waste
Project: 203200xxyy

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	203,250	44,000	13,000	12,500	-	-	-	25,500	69,500
Financed by:									
Retained Earnings		44,000	13,000	12,500				25,500	69,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	44,000	13,000	12,500	-	-	-	-	69,500
Financed by:								
Retained Earnings	44,000	13,000	12,500					69,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			275
External debt and finance charges			284
Transfer to General Capital Fund			
Total Direct Costs	-	-	559
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	559

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 Implementation of Biological Nutrient Removal (BNR) will require a major plant upgrade and expansion. Also, the population within the SEWPCC service area is growing and will necessitate an effluent capacity upgrade. The project will address the BNR effluent quality limits and increased capacity requirements.

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: **NEWPCC - Environmental Standards Division Laboratory Facility Upgrading**

Department: Water and Waste
Project: 2030002214

Capital Priority Rating: 3 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	360	200	-	-	-	-	-	-	200
Financed by:									
Retained Earnings		200						-	200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	-	-	-	-	-	-	200
Financed by:								
Retained Earnings	200							200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Environmental Standards Division Laboratory is an ISO accredited (for analytical and calibration laboratories, ISO 17025) laboratory located at the NEWPCC. The ISO accreditation requires a constant room temperature to conduct tests that provide consistent and accurate results. The existing air handling unit providing heating and air conditioning to the Environmental Standards Laboratory is 18 years old. There have been problems with this system over the past several years.

The upgrade of the heating, ventilating and air conditioning (HVAC) system consists of replacing the existing air handling unit with a HVAC unit M-639, system that meets the appropriate needs of the laboratory and administration offices.

The expected life for this facility is approximately 20 years.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

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

Project Name: **West End Water Pollution Control Centre (WEWPCC) - Settling Improvement**

Department: Water and Waste
Project: 2033000913

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	500	500	-	-	-	-	500	1,000
Financed by:									
Retained Earnings		500	500					500	1,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	-	-	-	-	-	1,000
Financed by:								
Retained Earnings	500	500						1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Secondary clarification is the final barrier before disinfection and release. This project will look at ways to improve solids settling and effluent disinfection. These works will include the installation of effluent measurement, improve the total phosphorous (TP) removal, improve total suspended solids (TSS) removal, minimize chemical use and improve disinfection performance.

The expected life for this asset is approximately 25 years.

Project Name: **Water Pollution Control Centres (WPCC) - Distributed Control System (DCS) and Human Machine Interface (HMI) Upgrades**

Department: Water and Waste
Project: 2040000613

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015 **	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	5,000	-	3,000	-	-	-	-	3,000	3,000
Financed by:									
Retained Earnings			3,000					3,000	3,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	3,000	-	-	-	-	-	3,000
Financed by:								
Retained Earnings		3,000						3,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Water and Waste Department's three WPCC utilize an ABB Infi90 Distributed Control System (DCS) with an ABB Process Control View (PCV) Human Machine Interface (HMI). It is an intricate network of specialized computers that monitors thousands of sensors throughout the plants and controls the treatment processes by making calculations and adjustments prescribed by operators and process control analysts using the HMI. This hardware was purchased between 1998 and 2003.

PCV is an older software package that runs on an operating system which gives rise to significant hardware compatibility issues in the event of replacement of existing computers. Newer computers require newer software drivers, which are not available in the current versions of the software that the Department owns. It is therefore not feasible to simply replace the existing computers as new computers will not be compatible with the existing software.

This project will develop an automation master plan and standardization and to upgrade the WPCCs' automation systems to ensure long term operational reliability.

The expected life of this asset is 15 years.

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

Project Name: **WPCC - Asset Refurbishment and Replacement Project**

Department: Water and Waste
Project: 20300005yy

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	24,358	5,000	5,000	5,000	5,000	2,000	2,000	19,000	24,000
Financed by:									
Retained Earnings		5,000	5,000	5,000	5,000	2,000	2,000	19,000	24,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	5,000	5,000	5,000	5,000	2,000	2,000	-	24,000
Financed by:								
Retained Earnings	5,000	5,000	5,000	5,000	2,000	2,000		24,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The name of this project has changed from 'WPCC - Reliability Upgrades' to 'WPCC - Asset Refurbishment and Replacement Project'.

A risk and criticality review of the City's three water pollution control centres has been undertaken to assess the condition of assets and to develop a refurbishment and replacement plan for the next 25 years. The review will address mechanical, electrical, and structural components at all three locations. Operational efficiency improvements will also be identified and implemented in a coordinated fashion with the enhanced maintenance program.

Asset assessment and plan development are ongoing which will continue to address items as identified.

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: **WPCC - Re-roofing**

Department: Water and Waste
Project: 20300010yy

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	400	-	400	-	400	-	1,200
Financed by:								
Retained Earnings		400		400		400		1,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Various WPCC buildings require re-roofing because the 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: **Arc Flash Hazard Analysis and Remediation**

Department: Water and Waste
Project: 20300018yy

Capital Priority Rating: 5 - 3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,350	250	350	300	700	450	250	2,050	2,300
Financed by:									
Retained Earnings		250	350	300	700	450	250	2,050	2,300

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	250	350	300	700	450	250	-	2,300
Financed by:								
Retained Earnings	250	350	300	700	450	250		2,300

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

As part of the Canadian Standards Association Occupational Health and Safety program, a new standard entitled Electrical Safety for Industry (CSA Z462) will be adopted within the new Canadian Electrical code. This is a program to conduct an arc flash study utilizing the SKM software analysis system for the Land Drainage, Stormwater and Sanitary Pumping Stations including the North End Water Pollution Control Centre, South End Water Pollution Control Centre, and West End Water Pollution Control Centre.

The intent of the study is to determine the potential arc flash energy at various distribution points and provide recommendations to reduce arc flash energies, upgrade equipment to lower fault energies, and to provide procurement of personal protective equipment and training. This is in preparation for compliance of the inclusion of arc flash requirements in the Electrical Code. Implementing the recommendations from the Arc Flash Study will be scheduled on a priority basis in conjunction with other electrical upgrades at the department facilities.

The expected life of asset is 50 years.

Funding in 2015 and 2016 includes re-budgeted amounts from previously approved Capital Budgets.

Project Name: **Lift Stations Upgrading**

Department: Water and Waste
Project: 20350001yy

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,600	1,750	1,750	1,750	1,750	1,750	8,750	10,350
Financed by:									
Retained Earnings		1,600	1,750	1,750	1,750	1,750	1,750	8,750	10,350

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,600	1,750	1,750	1,750	1,750	1,750	-	10,350
Financed by:								
Retained Earnings	1,600	1,750	1,750	1,750	1,750	1,750		10,350

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour, aesthetic problems, and capacity assessments as required for the 74 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: **Cockburn Lift Station Upgrades to Facilitate Fort Rouge Yards Development**

Department:	Water and Waste	Capital Priority Rating:	5 - 4
Project:	20350005yy	Service:	Wastewater
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	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	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	2,000	-	-	-	-	2,000
Financed by:								
Retained Earnings			2,000					2,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The existing Cockburn combined sewer lift station is at its operating capacity. The proposed Bus Rapid Transit (BRT) and Fort Rouge Yards (FRY) Development may result in additional dry and wet weather flows to this station. To reliably 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, the station may require significant structural, mechanical and electrical upgrades.

The extent of the upgrades will be determined after development plans have been established and the sewer relief works in the Cockburn and Calrossie Combined Sewer Districts have been designed.

The expected life of the structure is 50 years, and 25 years for the electrical and mechanical components.

Project Name: **Fernbank Interceptor**

Department: Water and Waste
Project: 2037001116

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	8,000	-	-	-	8,000	8,000
Financed by:									
Retained Earnings				8,000				8,000	8,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	8,000	-	-	-	-	8,000
Financed by:								
Retained Earnings			8,000					8,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project includes construction of an interceptor sewer to service lands in future developments in the northwest sector of the City of Winnipeg, west of the Riverbend Subdivision and east of McPhillips Avenue.

The expected life of this asset is 75 years.

Project Name: **Warde Interceptor Extension**

Department: Water and Waste
Project: 2037000516

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	3,200	-	-	-	3,200	3,200
Financed by:									
Retained Earnings				3,200				3,200	3,200

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	3,200	-	-	-	-	3,200
Financed by:								
Retained Earnings			3,200					3,200

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project includes the construction of an interceptor sewer to service lands in future developments in the southeast sector of the City of Winnipeg, east of the existing Royalwoods subdivision.

The expected life of this asset is 75 years.

Project Name: **Plessis Road Interceptor**

Department: Water and Waste
Project: 2037001317

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	5,500	-	-	5,500	5,500
Financed by:									
Retained Earnings					5,500			5,500	5,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	5,500	-	-	-	5,500
Financed by:								
Retained Earnings				5,500				5,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project includes construction of an interceptor sewer to service lands in future developments in the north Transcona sector of the City of Winnipeg, which is designated as Precinct "I" in OurWinnipeg.

The expected life of this asset is 75 years.

Project Name: **Kenaston Boulevard Interceptor**

Department: Water and Waste
Project: 2037001417

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	-	-	-	4,000	-	-	4,000	4,000
Financed by:									
Retained Earnings					4,000			4,000	4,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	4,000	-	-	-	4,000
Financed by:								
Retained Earnings				4,000				4,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project includes construction of an interceptor sewer to service lands in future developments in the southwest sector of the City of Winnipeg, as part of a planned Fort Whyte residential area southeast of Wilkes Avenue and McCreary Road.

The expected life of this asset is 75 years.

Project Name: **River Crossings Monitoring and Rehabilitation**

Department: Water and Waste
Project: 2037500xyy

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	-	1,365	-	1,365	-	1,365	4,095	4,095
Financed by:									
Retained Earnings			1,365		1,365		1,365	4,095	4,095

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	1,365	-	1,365	-	1,365	-	4,095
Financed by:								
Retained Earnings		1,365		1,365		1,365		4,095

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project is for the rehabilitation and/or replacement of sewage river crossings and associated equipment.

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 Act Licences issued by the Province of Manitoba for the wastewater collection system in the City of Winnipeg.

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

Project Name: **Wastewater Collection System Buildings Re-Roofing**

Department: Water and Waste
Project: 20300024yy

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	300	-	300	-	-	100	-	400	400
Financed by:									
Retained Earnings			300			100		400	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	300	-	-	100	-	-	400
Financed by:								
Retained Earnings		300			100			400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Various wastewater collection system 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.

Project Name: **Wastewater Collection System Reliability**

Department: Water and Waste
Project: 2030002315

Capital Priority Rating: 5 - 4
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	-	400	-	-	-	-	400	400
Financed by:									
Retained Earnings			400					400	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	400	-	-	-	-	-	400
Financed by:								
Retained Earnings		400						400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The program addresses the wastewater collection system requirement to improve the reliability of the system in the case of naturally occurring events, such as floods and storms, or major equipment failure. An example of a major expense required from this budget is the purchase of a mobile generator large enough to power significant temporary pumping, a collection system lift station, or other work place electrical needs.

The expected life of this asset is 20 years.

Project Name: **Water and Waste Department GIS Enhancement Program**

Department: Water and Waste
Project: 20400003yy

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	100	115	100	100	100	100	100	500	615
Financed by:									
Retained Earnings		115	100	100	100	100	100	500	615

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	115	100	100	100	100	100	-	615
Financed by:								
Retained Earnings	115	100	100	100	100	100		615

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The purpose of this program is to react to ever changing technologies and operational needs and make whatever changes are required to improve the Department's Geographic Information System (GIS) data quality, maintenance processes, and value to the data stakeholders.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Inflow / Infiltration / Cross-Connection Study and Mitigation**

Department: Water and Waste
Project: 20410001yy

Capital Priority Rating: 3 - 3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,943	500	3,000	-	1,500	-	-	4,500	5,000
Financed by:									
Retained Earnings		500	3,000		1,500			4,500	5,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	3,000	-	1,500	-	-	-	5,000
Financed by:								
Retained Earnings	500	3,000		1,500				5,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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: **Wastewater Hauling and Grease Trap Licensing Automation**

Department: Water and Waste
Project: 2040001014

Capital Priority Rating: 3 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	260	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project is an amalgamation of Grease Trap Licensing Application and Wastewater Hauling Automation.

Grease traps or grease interceptors separate fats, cooking oil, and grease from wastewater before it can enter the wastewater collection system. High viscosity fats and cooking greases, commonly referred to as F.O.G. (fats, oil, and greases) solidify when cooled and if allowed to enter the wastewater collection system can obstruct flows within the system, potentially causing sewer back-ups.

Wastewater haulers transport sewage including, the above mentioned F.O.G., via trucks to Wastewater Treatment plants for treatment or disposal.

This project will implement a software system to accurately track and report on both licensed grease traps and wastewater haulers.

The estimated life of this asset is 10 years.

Project Name: **Oracle Work Asset Management System Upgrade**

Department: Water and Waste
Project: 2010000113

Capital Priority Rating: 5-3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	135	45	-	-	-	-	-	-	45
Financed by:									
Retained Earnings		45						-	45

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	45	-	-	-	-	-	-	45
Financed by:								
Retained Earnings	45							45

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	20	20	20
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	20	20	20
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	20	20	20

Oracle Work Asset Management (WAM) System upgrade consists of seeking professional services to update the WAM system to the supported software and infrastructure services levels to ensure continued stability for Water and Waste operations. The WAM upgrade adheres to the vendor support terms to ensure availability of their support services and entitlement of future software fixes and enhancements. The upgrade to the software asset estimated life is 4 years where vendor support will be available.

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: **Laboratory Information Management System Upgrade**

Department: Water and Waste
Project: 20400008yy

Capital Priority Rating: 3 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	250	500	500	-	-	-	-	500	1,000
Financed by:									
Retained Earnings		500	500					500	1,000

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	500	-	-	-	-	-	1,000
Financed by:								
Retained Earnings	500	500						1,000

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This capital project will replace the aging Laboratory Information Management System used to track and report on water quality test results. The existing solution is at the end of its life cycle and cannot be further enhanced to keep abreast of new Canadian Association for Laboratory Accreditation Inc. (CALA) accreditation requirements. The lab needs to maintain its CALA accreditation in order to comply with the Environment Act Licenses for the operation of the water and wastewater treatment plants which dictates all water quality analysis must be conducted by a CALA accredited laboratory.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The estimated life of this asset is 10 years.

Project Name: **Building Renovations - 1199 Pacific Avenue**

Department: Water and Waste
Project: 2030000813

Capital Priority Rating: 3 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	125	-	-	-	-	-	55	55	55
Financed by:									
Retained Earnings							55	55	55

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	55	-	55
Financed by:								
Retained Earnings						55		55

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

Building reconfiguration and renovations are necessary to expand meeting space and also to accommodate project staff working on the wastewater improvement program. Relocation of expanded Solid Waste and Information Systems and Technology divisions has resulted in a need to reconfigure the space.

Funds included in 2019 are to carry-out a master plan for the 1199 Pacific Avenue facility.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

Project Name: **Utility Asset Management System**

Department: Water and Waste
Project: 2040000914

Capital Priority Rating: 3 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	1,000	500	-	-	-	-	-	-	500
Financed by:									
Retained Earnings		500						-	500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	-	-	-	-	-	-	500
Financed by:								
Retained Earnings	500							500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	235	235	235
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	235	235	235
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	235	235	235

The following projects from the 2012 Capital Budget, Land Drainage Asset Management Strategy, Aqueduct Information Management System, Hydrant and Valve Operations Management Systems and Wastewater Collection System Asset Management Strategy have been combined into one project called the Utility Asset Management System.

Department asset management programs such as the Sewer Management System (SMS) and the Aqueduct Information Management System (AIMS) are at the end of their useful life, are becoming difficult to support and require replacement. Additional requirements have arisen such as a need for managing watermain assets, hydrants and valves and a Synergen/GIS interface. It is believed that all of these requirements can be addressed by a single IT solution such as a commercial off-the-shelf asset management program.

The work of this project will be to identify Department needs, procure an appropriate solution, modify to suit and implement across the Department.

The estimated life of this asset is 10 years.

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: **Correspondence and Bill Generation Upgrades**

Department: Water and Waste
Project: 2040000214

Capital Priority Rating: 5-3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	165	-	-	-	-	-	-	165
Financed by:									
Retained Earnings		165						-	165

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	165	-	-	-	-	-	-	165
Financed by:								
Retained Earnings	165							165

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs		15	15
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	15	15
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	15	15

This project will seek professional services to update the production correspondence and billing generation engine and designer components to ensure continued stability for Water and Waste billing and customer account services. This project includes the acquisition of additional software licensing and new software to facilitate template design changes, print conversion and print stream comparison capabilities.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The estimated life cycle of this asset is 5 years where vendor support will be available.

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

Project Name: **Information Technology Continuity Business Plan**

Department: Water and Waste
Project: 2040001014

Capital Priority Rating: 5-3
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	150	-	-	-	-	-	-	150
Financed by:									
Retained Earnings		150						-	150

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	150	-	-	-	-	-	-	150
Financed by:								
Retained Earnings	150							150

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

This project will update the Information Technology Continuity Business Plan which provides guidance for how the Department should react to unplanned events that impact our computer systems.

The funding for this project is split 50/50 between the Waterworks System Fund and the Sewage Disposal System Fund.

The estimated life cycle is 5 years where vendor support will be available.

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

Project Name: **Combined Sewer Overflow and Basement Flood Management Strategy**

Department: Water and Waste
Project: 20380001yy

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	24,349	32,615	31,730	26,890	23,810	23,810	138,855	163,204
Financed by:									
Environmental Projects Reserve		13,349	22,615	21,730	16,890	13,810	13,010	88,055	101,404
Sewer System Rehabilitation Reserve		11,000	10,000	10,000	10,000	10,000	10,800	50,800	61,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	24,349	32,615	31,730	26,890	23,810	23,810	-	163,204
Financed by:								
Environmental Projects Reserve	13,349	22,615	21,730	16,890	13,810	13,010		101,404
Sewer System Rehabilitation Reserve	11,000	10,000	10,000	10,000	10,000	10,800		61,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The Combined Sewer Flood Relief program from the General Capital Fund - Land Drainage and Flood Control is amalgamated with the Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation project. The new amalgamated Capital program is called the Combined Sewer Overflow and Basement Flood Management Strategy and will be driven by the future Combined Sewer Overflow Master Plan currently being developed to meet pending Provincial licence requirements.

It is the intent to create a multi-year combined sewer overflow and basement flood mitigation program that integrates with other major sewer programs, including work on sewer condition assessments and upgrading programs under the Sewer Renewals program and the Water Pollution Control Centre Upgrading programs.

The program objectives are:

- to comply with the regulators to mitigate the impact of CSO's on the local water courses and protect the public interest,

- to reduce the amount of wet weather flow to the wastewater treatment plants,

- to reduce the number of basement flooding incidents in both combined and separate sewer districts.

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). These funds will also be used for the planning, design and construction of sewer relief works for basement flooding. 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 and combined sewer overflows.

The expected life of the sewers is 50 years, mechanical components is 25 years and SCADA system is 10 years.

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

Project Name: **Sewer Renewals**

Department: Water and Waste
Project: 203900xxyy

Capital Priority Rating: 5 - 2
Service: Wastewater
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	15,300	16,100	16,900	17,800	18,200	19,500	88,500	103,800
Financed by:									
Sewer System Rehabilitation Reserve		15,300	16,100	16,900	17,800	18,200	19,500	88,500	103,800

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	15,300	16,100	16,900	17,800	18,200	19,500	-	103,800
Financed by:								
Sewer System Rehabilitation Reserve	15,300	16,100	16,900	17,800	18,200	19,500		103,800

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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.

Funds will also be utilized for the assessment, repair and/or replacement, under certain conditions, of a private wastewater sewer service within the public right-of-way under Section 37 of the Sewer By-Law.

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

Project Name: **Brady Road Resource Management Facility - Cell Excavation**

Department: Water and Waste
Project: 20620004yy

Capital Priority Rating: 3 - 4
Service: Solid Waste Collection and Disposal
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	1,440	1,456	1,508	1,508	1,508	1,500	7,480	8,920
Financed by:									
Retained Earnings		1,440	1,456	1,508	1,508	1,508	1,500	7,480	8,920

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,440	1,456	1,508	1,508	1,508	1,500	-	8,920
Financed by:								
Retained Earnings	1,440	1,456	1,508	1,508	1,508	1,500		8,920

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The remaining capacity at the Brady Road Resource Management Facility is approximately 100-150 years. The funding identified provides for annual cell excavations and related works to accommodate lateral expansion of the landfill. This involves excavating a below ground cell, constructing a natural clay or artificial liner and a leachate (landfill liquids) collection system at the base of the excavation. Filling with refuse then progresses within the cell in layers until the design height above ground has been achieved, by which time the next cell has been prepared.

The cost identified includes the cost of excavating and stockpiling excavated soil, constructing the liner, and installation of the leachate collection system, including associated engineering.

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: **Brady Road Resource Management Facility - Drainage, Roadways and Site Improvements**

Department:	Water and Waste	Capital Priority Rating:	3 - 4
Project:	20620006yy	Service:	Solid Waste Collection and Disposal
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	4,000	1,040	1,300	-	-	-	-	1,300	2,340
Financed by:									
External Debt		1,040	1,300					1,300	2,340

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	1,040	1,300	-	-	-	-	-	2,340
Financed by:								
External Debt	1,040	1,300						2,340

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges	49	96	93
Transfer to General Capital Fund			
Total Direct Costs	49	96	93
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	49	96	93

An extensive review of the Brady Road Resource Management Facility site has been carried out as part of preparations for submitting an application for an Environment Act Licence for operation of the Brady Road Resource Management Facility site and leachate by the end of 2011.

This review has indicated the need for significant drainage, roadway and other site improvements such as litter control. In keeping with best practices for landfill operations, runoff from landfilled areas will be directed to storage and tested for acceptability for release. A wetlands treatment system will also be considered. Drainage from non-landfilled areas will be by direct connection to external drainage.

The main internal roadway is Charrette Road which has been in operation since the inception of this landfill in 1973. This roadway requires significant upgrading to withstand continued use. There is also a need to construct new internal roadways to enable redirection of trucks conveying clean fill and other bulk usable materials to stockpiling areas and for future landfill access.

Costs include preliminary design/detailed design, construction, engineering, contingency and capital overheads. Budget subject to change upon issuance of licence from the Province.

Project Name: **Brady Road Resource Management Facility - Landfill Gas Capture Expansion Phase 1**

Department:	Water and Waste	Capital Priority Rating:	3-4
Project:	2062000214	Service:	Solid Waste Collection and Disposal
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	566	-	-	-	-	-	-	566
Financed by:									
External Debt		566							566

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	566	-	-	-	-	-	-	566
Financed by:								
External Debt	566							566

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	174	182	192
External debt and finance charges	87	91	96
Transfer to General Capital Fund			
Total Direct Costs	261	273	288
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	261	273	288

The current landfill gas collection system is constructed in the inactive (completed) portion of the landfill. There is no current collection of landfill gases in the active portion of the landfill. If the gas is not collected in the active portion of the landfill, objectionable odours will be experienced by the nearby neighborhoods from the active filling area. Additionally, flammable gasses will be released uncontrolled and indiscriminately from the decomposing waste which may pose public health and safety risks.

A new Provincial licence is likely to require the City to collect and destroy methane gas generated by the Brady Road Resource Management Facility, consistent with Provincial directives on Green House Gas reduction.

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

Project Name: **Comprehensive Integrated Waste Management Strategy (CIWMS) - Consulting Support for System Transition**

Department: Water and Waste
Project: 20650008yy

Capital Priority Rating: 3 - 4
Service: Solid Waste Collection and Disposal
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate **	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	800	200	200	-	-	-	-	200	400
Financed by:									
Waste Diversion Reserve		200	200					200	400

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	200	200	-	-	-	-	-	400
Financed by:								
Waste Diversion Reserve	200	200						400

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

On October 19, 2011, Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS). This project is to provide consultant services to support implementation of this plan, including the following projects/activities:

- Detail the site utilization plan for the Brady Road Resource Management Facility lands in consideration of the new diversion programs.
- Preparation of an independent report on landfill operations and environmental monitoring, for submission to Manitoba Conservation.
- Planning for long-term system expansion needs including any additional 4R Winnipeg Depots (Community Resource Recovery Centres).
- Completion of a Solid Waste Utility rate model.
- Conduct a multi-family dwelling strategy with the aim of increasing waste diversion in the residential sector.

Undertake an operational efficiency and cost saving review, including training and benchmarking at Brady Road Resource Management Facility. The review will consider: soil usage and a soil management plan, equipment utilization, detailed fill plan, cell optimization and look at business case evaluations for cost savings such as alternate daily cover. Training will be conducted on identified cost savings methods and best practices, and bench mark indicators will be developed for operational tracking to ensure sustainability.

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

Project Name: **Summit Landfill Closure / Post-Closure**

Department: Water and Waste
Project: 2063000113

Capital Priority Rating: 3 - 3
Service: Solid Waste Collection and Disposal
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	2,326	-	330	-	-	-	-	330	330
Financed by:									
Retained Earnings			330					330	330

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	330	-	-	-	-	-	330
Financed by:								
Retained Earnings		330						330

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

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 asset is 50 years.

Project Name: **CIWMS - 4R Winnipeg Depots (Community Resource Recovery Centres - West and East)**

Department:	Water and Waste	Capital Priority Rating:	3 - 2
Project:	20650011yy	Service:	Recycling and Waste Diversion
		OurWinnipeg:	Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	-	3,720	3,493	-	-	-	-	3,493	7,213
Financed by:									
External Debt		3,720	3,493					3,493	7,213

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	500	3,536	3,177	-	-	-	-	7,213
Financed by:								
External Debt	500	3,536	3,177					7,213

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs	1,578	3,028	4,250
External debt and finance charges	75	226	297
Transfer to General Capital Fund			
Total Direct Costs	1,653	3,254	4,547
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	1,653	3,254	4,547

On October 19, 2011, Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS). This project is part of that plan and consists of two facilities, one in west Winnipeg and one at a site in east Winnipeg (locations to be determined).

These facilities will provide a drop-off location for small loads of recyclable and divertible materials delivered by residents for processing and/or transfer to markets and/or further processing facilities. These facilities will include opportunities for non-profit recyclers and product stewards to partner with the City for material diversion. These facilities will also include the capability to transfer residue from the operations for burial at the Brady Road Resource Management Facility. Each facility will consist of an all weather traffic surface, the ability to weigh, monitor, drop-off and charge for loads and the ability to haul away materials.

These facilities, formally known as Community Resource Recovery Centres have now been branded as 4R Winnipeg Depots.

Costs include preliminary design/detailed design, construction, engineering, contingency and capital overheads.

Project Name: **CIWMS - Material Recycling Facility**

Department: Water and Waste
Project: 2065001216

Capital Priority Rating: 3 - 3
Service: Recycling and Waste Diversion
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	200	-	-	16,500	-	-	-	16,500	16,500
Financed by:									
External Debt				16,500				16,500	16,500

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	200	7,340	8,960	-	-	16,500
Financed by:								
External Debt			200	7,340	8,960			16,500

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			351
Transfer to General Capital Fund			
Total Direct Costs	-	-	351
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	351

On October 19, 2011, Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS).

This project is to provide a materials recycling facility at the Brady Road Resource Management Facility or other suitably industrially zoned property within Winnipeg, to properly process all residential recyclables and potentially some commercial materials (such as cardboard). The facility would consist of an all-weather building and yards with sorting and baling equipment and an administrative office.

A study will be conducted to develop and consider; class estimate, complex for co-location with Industrial, Commercial and Institutional sector, a review of need to licence or Notice of Alteration (NOA) on site, business case analysis and ownership model.

Costs include preliminary design/detail design, construction, land acquisition (if required), engineering, contingency and capital overheads.

Project Name: **CIWMS - Provision of Automated Recycling and Garbage Collection Carts**

Department: Water and Waste
Project: 20650007yy

Capital Priority Rating: 3 - 4
Service: Solid Waste Collection and Disposal
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A*	253	295	330	342	301	294	1,562	1,815
Financed by:									
Waste Diversion Reserve		253	295	330	342	301	294	1,562	1,815

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	253	295	330	342	301	294	-	1,815
Financed by:								
Waste Diversion Reserve	253	295	330	342	301	294		1,815

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	-	-	-

The following projects from the 2012 Capital Budget, CIWMS - Provision of Automated Recycling Collection Carts and CIWMS - Provision of Automated Refuse Collection Carts have been combined into one project called CIWMS - Provision of Automated Recycling and Garbage Collection Carts.

On October 19, 2011, Winnipeg City Council approved the Comprehensive Integrated Waste Management Strategy (CIWMS). This project is part of that plan and consists of supplying automated recycling and garbage collection carts for newly built homes in future years. Funding support in the order of 80% is anticipated from Multi-Material Stewardship Manitoba.

The life of the carts is 20 years.

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

Project Name: **Golf Course Improvements**

Department: Winnipeg Golf Services
Project: 639xxxxx10

Capital Priority Rating: 1 - 3
Service: Golf Services (SOA)
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2014 Estimate	FORECAST 2015	2016	2017	2018	2019	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	715	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital	46	(23)	(23)					(23)	(46)
Golf Course Reserve	669	23	23					23	46

CASH FLOW	2014	2015	2016	2017	2018	2019	Beyond 2019	Total
Project Costs ($000's)	-	-	-	-	-	-	-	-
Financed by:								
Cash to Capital	(23)	(23)						(46)
Golf Course Reserve	23	23						46

NET OPERATING IMPACT ($000's)	2014	2015	2016
Operating costs			
External debt and finance charges			
Transfer to General Capital Fund	(23)	(23)	
Total Direct Costs	(23)	(23)	-
Less: Incremental Revenue/Recovery			
Net Cost/(Benefit)	(23)	(23)	-

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.

2014 and 2015 are repayments for this work from the Golf Course Reserve to the General Capital Fund.

Winnipeg

Back to Table of Contents

The City of Winnipeg

Appendices

2014
Preliminary Capital Budget

and

2015 to 2019
Five Year Forecast

Table of Contents

Appendix 1: Service Based View..... 3-1

Appendix 2: Cost Estimation Classification System..... 3-13

Appendix 3: Capital Priority Rating System / Asset Management Program 3-15

Appendix 4: Public Private Partnership Payments as a Percentage Of Cash to Capital / Gas Tax 3-19

Appendix 5: Allocation of Prior Years' Surplus to the Capital Budget 3-20

Appendix 6: Local Street Renewal Reserve.....3-21

Appendix 7: Regional Street Renewal Reserve.....3-23

Appendix 8: 2013 New Borrowing Authority Required and Reallocation Of 2013 External Debt Financing 3-25

Appendix 9: Cancellation of Outstanding Capital Borrowing Authorizations.. 3-26

Appendix 10 Major Capital Projects 3-27

CAPITAL PROJECTS SUMMARY	**PRELIMINARY CAPITAL**						
SERVICE BASED VIEW	**BUDGET**	**FORECAST**					**6 YEAR**
(in Thousands of $)	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**TOTAL**
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS							
Roadway Construction and Maintenance	**123,608**	**90,518**	**88,799**	**96,153**	**104,705**	**106,282**	**610,065**
Transportation Planning and Traffic Management	**2,680**	**2,680**	**2,680**	**4,680**	**2,680**	**2,680**	**18,080**
City Beautification	**1,500**	**1,300**	**1,300**	**1,300**	**1,300**	**1,300**	**8,000**
Land Drainage and Flood Control	**5,098**	**6,450**	**5,858**	**7,350**	**7,050**	**5,861**	**37,667**
Parks and Urban Forestry	**15,008**	**9,307**	**11,156**	**8,973**	**8,972**	**9,091**	**62,507**
Public Transit	**31,782**	**42,976**	**155,737**	**29,457**	**30,395**	**33,872**	**324,219**
Water	**32,655**	**43,655**	**28,100**	**23,850**	**21,790**	**21,765**	**171,815**
Wastewater	**109,274**	**218,380**	**282,480**	**256,505**	**153,146**	**87,730**	**1,107,515**
Solid Waste Disposal	**3,499**	**3,581**	**1,838**	**1,850**	**1,809**	**1,794**	**14,371**
Recycling and Waste Diversion	**3,720**	**3,493**	**16,500**				**23,713**
Total Infrastructure Renewal and Public Works	**328,824**	**422,340**	**594,448**	**430,118**	**331,847**	**270,375**	**2,377,952**
PROTECTION AND COMMUNITY SERVICES							
Police Response	**4,464**	**5,476**	**8,578**	**20,823**	**5,872**	**5,151**	**50,364**
Fire and Rescue Response		**2,892**	**7,120**	**1,268**	**3,225**	**6,339**	**20,844**
Recreation	**8,645**	**10,309**	**7,600**	**13,833**	**7,568**	**10,983**	**58,938**
Libraries	**6,983**	**10,960**	**1,400**	**2,968**	**8,022**	**1,560**	**31,893**
Arts, Entertainment and Culture	**15,124**	**10,376**	**10,511**	**8,613**	**9,850**	**9,911**	**64,385**
Insect Control		**1,250**			**1,000**		**2,250**
Total Protection and Community Services	**35,216**	**41,263**	**35,209**	**47,505**	**35,537**	**33,944**	**228,674**
PROPERTY AND DEVELOPMENT							
Neighbourhood Revitalization	**5,150**	**3,282**	**4,115**	**4,168**	**4,082**	**5,897**	**26,694**
Heritage Conservation	**200**	**200**	**200**	**200**	**270**	**214**	**1,284**
Cemeteries	**350**	**410**	**382**	**408**	**400**	**390**	**2,340**
Property Asset Management - Tax Supported	**200**	**300**	**500**	**420**	**384**	**361**	**2,165**
Property Asset Management - Municipal Accommodations	**4,799**	**5,020**	**3,736**	**4,331**	**4,078**	**3,919**	**25,883**
Total Property and Development	**10,699**	**9,212**	**8,933**	**9,527**	**9,214**	**10,781**	**58,366**
EXECUTIVE POLICY							
Organizational Support Services	**2,636**	**2,637**	**2,198**	**5,370**	**2,831**	**2,015**	**17,687**
Assessment, Taxation and Corporate		**750**	**500**	**350**	**320**	**350**	**2,270**
Council Services	**1,700**			**350**	**450**		**2,500**
Total Executive Policy	**4,336**	**3,387**	**2,698**	**6,070**	**3,601**	**2,365**	**22,457**
TOTAL CAPITAL PROGRAM	**379,075**	**476,202**	**641,288**	**493,220**	**380,199**	**317,465**	**2,687,449**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
CAPITAL PROJECTS LISTING								
INFRASTRUCTURE RENEWAL AND PUBLIC WORKS								
Roadway Construction and Maintenance								
Public Works								
Recreational Walkways and Bike Paths - Various Locations	2-1	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
New Regional Sidewalks	2-3	**250**	**250**	**250**	**250**	**250**	**250**	**1,500**
Active Transportation Corridors	2-4	**1,000**	**500**	**500**	**500**	**500**	**500**	**3,500**
Developer Payback - Various Locations	2-5	**127**	**3,000**		**7,000**			**10,127**
Tuxedo Yards Development	2-6	**700**	**1,100**	**1,600**	**2,100**	**3,730**	**3,467**	**12,697**
Almey Avenue at Ravelston Avenue West - Closing	2-10	**200**						**200**
Kenaston Boulevard - Ness Avenue to Taylor Avenue	2-11	**100**	**100**	**100**	**3,345**	**100**	**2,263**	**6,008**
Panet Rd / Molson St Twinning - Munroe Ave to Grassie Blvd	2-12	**2,600**						**2,600**
Marion Street Widening / Grade Separation and Improvements - Rue Archibald to Lagimodiere Boulevard	2-13		**5,200**					**5,200**
Polo Park - Infrastructure Improvements	2-14	**10,000**						**10,000**
Regional and Local Street Renewal	2-15	**84,187**	**71,668**	**63,549**	**72,658**	**73,225**	**90,502**	**455,789**
Louise Bridge (Red River)	2-20	**2,081**		**2,000**				**4,081**
Fermor Avenue Bridge (Seine River)	2-22			**500**	**700**	**6,800**		**8,000**
Saskatchewan Avenue Culvert (Sturgeon Creek)	2-23			**1,000**	**1,000**	**8,000**		**10,000**
Pembina Highway Underpass	2-24					**6,000**		**6,000**
St. James Street Bridge (Omand's Creek)	2-25	**1,961**						**1,961**
Ness Avenue Culvert (Sturgeon Creek)	2-26	**1,000**	**2,000**	**11,000**				**14,000**
Portage Avenue Bridge (Sturgeon Creek)	2-27	**4,500**						**4,500**
Saskatchewan Avenue Bridge (Omand's Creek)	2-28		**700**	**2,300**				**3,000**
Lyndale Drive - Retaining Wall Rehabilitation	2-29		**500**	**500**	**3,000**			**4,000**
Osborne Street Underpass	2-30						**2,500**	**2,500**
Dublin Avenue Bridge (Omand's Creek)	2-31					**500**	**500**	**1,000**
Sherwin Road Bridge (Omand's Creek)	2-32						**700**	**700**
Waterway Crossing and Grade Separations - Annual Program	2-33	**2,000**	**3,000**	**3,000**	**3,000**	**3,000**	**3,000**	**17,000**
Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard	2-37	**2,000**						**2,000**
Chief Peguis Trail - Main Street to Route 90	2-39	**1,500**						**1,500**
William Clement Parkway - Grant Avenue to Wilkes Avenue	2-40	**800**						**800**
Waverley West Arterial Roads Project	2-41	**5,697**						**5,697**
Asset Management System - Various Divisions	2-43	**405**			**100**	**100**	**100**	**705**
Assessment and Taxation								
Local Improvements - Ongoing Program	2-156	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**12,000**
Total Roadway Construction and Maintenance		**123,608**	**90,518**	**88,799**	**96,153**	**104,705**	**106,282**	**610,065**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
Transportation Planning and Traffic Management								
Public Works								
Transportation Master Plan	2-7	250	250	250	250	250	250	1,500
Traffic Signals Improvements	2-8	1,030	1,030	1,030	1,030	1,030	1,030	6,180
Traffic Engineering Improvements - Various Locations	2-9	1,100	1,100	1,100	1,100	1,100	1,100	6,600
CPR Yards Functional Crossing Study - between McPhillips Street and Main Street	2-21				2,000			2,000
Land Acquisition - Transportation Right of Way	2-45	300	300	300	300	300	300	1,800
Total Transportation Planning and Traffic Management		2,680	2,680	2,680	4,680	2,680	2,680	18,080
City Beautification								
Planning, Property and Development								
Downtown Enhancement Program	2-106	400	400	400	400	400	400	2,400
BIZ Zones, Image Routes and Neighbourhood Main Streets (formerly Community Image and Neighborhood Main Streets)	2-107	400	400	400	400	400	400	2,400
Public Art Strategy	2-108	500	500	500	500	500	500	3,000
Tache Promenade	2-111	200						200
Total City Beautification		1,500	1,300	1,300	1,300	1,300	1,300	8,000
Land Drainage and Flood Control								
Public Works								
Land Drainage Sewers - Regional / Local Streets	2-44	300	300	300	300	300	300	1,800
Water and Waste								
Stormwater Retention Basin Rehabilitation	2-164	50	200	200	600	600	600	2,250
Flood Pumping Station Rehabilitation	2-165	850	1,500	1,000	1,000	1,000	1,000	6,350
Land Drainage and Combined Sewers Outfall Gate Structures	2-166	700	1,700	1,800	1,300	1,500	1,500	8,500
Floodplain Management	2-167	100	100					200
Seine River Waterway Acquisition	2-168	150	150	150	150	150	150	900
Primary Dike Upgrading	2-169				1,100	1,000	1,300	3,400
Land Drainage Utility Study and Implementation	2-170	500						500
Permanent Flood Pumping Stations	2-171		500	400	400			1,300
Land Drainage Supervisory Control and Data Acquisition (SCADA) System	2-172	100						100
Flood Manual Upgrades	2-173	948	300					1,248
Outfall Rehabilitation	2-174	900	1,200	1,508	2,000	2,000	1,011	8,619
Development Agreement Paybacks	2-175	500	500	500	500	500		2,500
Total Land Drainage and Flood Control		5,098	6,450	5,858	7,350	7,050	5,861	37,667

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	FORECAST 2016	FORECAST 2017	FORECAST 2018	FORECAST 2019	6 YEAR TOTAL
Parks and Urban Forestry								
Public Works								
Reforestation - Improvements	2-46	**1,000**	**383**	**383**	**383**	**383**	**383**	**2,915**
Athletic Fields - Improvements	2-47	**1,000**	**124**	**200**	**200**	**200**	**200**	**1,924**
Parks - Improvements	2-48	**653**	**655**	**655**	**655**	**655**	**655**	**3,928**
Regional and Community Parks - Buildings	2-49	**2,000**		**2,150**			**100**	**4,250**
Burton Cummings Community Centre - Fitness Trail	2-50	**125**						**125**
Hardsurface Upgrading	2-51	**150**		**150**	**150**	**150**	**150**	**750**
Parks and Recreation Enhancement Program	2-52	**6,300**	**3,300**	**3,300**	**3,300**	**3,300**	**3,300**	**22,800**
Dutch Elm Disease Strategy	2-55	**2,600**	**2,600**	**2,600**	**2,600**	**2,600**	**2,600**	**15,600**
Planning, Property and Development								
Riverbank Greenway Programs	2-104	**200**	**600**	**443**	**405**	**406**	**411**	**2,465**
Developer Payback	2-110	**380**	**245**	**275**	**280**	**278**	**292**	**1,750**
Riverbank Stabilization - Physical Asset Protection	2-112	**600**	**1,400**	**1,000**	**1,000**	**1,000**	**1,000**	**6,000**
Total Parks and Urban Forestry		**15,008**	**9,307**	**11,156**	**8,973**	**8,972**	**9,091**	**62,507**
Public Transit								
Transit								
Innovative Transit Program	2-158	**800**	**800**	**1,000**	**1,000**	**1,000**	**1,000**	**5,600**
Transit Building Replacement / Refurbishment	2-159	**15,115**	**9,869**	**4,500**	**4,573**	**4,506**	**7,036**	**45,599**
Transit Buses	2-160	**15,367**	**17,307**	**22,737**	**23,884**	**24,889**	**25,836**	**130,020**
Southwest Rapid Transit Corridor - Stage 2	2-161		**15,000**	**127,500**				**142,500**
Fuel Storage Expansion	2-163	**500**						**500**
Total Public Transit		**31,782**	**42,976**	**155,737**	**29,457**	**30,395**	**33,872**	**324,219**

CAPITAL PROJECTS SUMMARY	**DETAIL**	**PRELIMINARY CAPITAL**						
SERVICE BASED VIEW	**PAGE**	**BUDGET**	**FORECAST**					**6 YEAR**
(in Thousands of $)	**NO.**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**TOTAL**
Water								
Water and Waste - Waterworks System								
Shoal Lake Aqueduct and Falcon River Diversion Bridges	2-176		**2,000**					**2,000**
Shoal Lake Aqueduct Asset Preservation	2-177		**500**	**500**	**500**	**500**	**500**	**2,500**
Shoal Lake Aqueduct Intake Facility Rehabilitation	2-178	**530**	**1,100**	**2,000**	**2,000**	**240**	**960**	**6,830**
Branch Aqueduct Condition Assessment and Rehabilitation	2-179		**500**					**500**
GWWD Railway Bridge Rehabilitation	2-180	**2,200**						**2,200**
Water Treatment Plant Chemical Feed Pump Replacement (formerly Water Treatment Plant Upgrading)	2-181	**400**						**400**
Ultraviolet Light Disinfection Upgrade / Rehabilitation	2-182	**400**		**4,000**				**4,400**
Deacon Site Flood Protection	2-183	**300**	**1,825**					**2,125**
Tache Booster Pumping Station	2-184		**1,800**					**1,800**
Pumping Stations Reliability Upgrades	2-185	**1,500**	**500**	**1,200**				**3,200**
Pumping Stations and Reservoirs Structural Upgrades	2-186	**3,200**	**900**		**450**	**500**	**750**	**5,800**
Chlorination Upgrading at Pumping Stations	2-187		**700**	**800**	**800**	**450**		**2,750**
Water Supervisory Control and Data Acquisition (SCADA) Upgrade	2-188	**1,100**	**7,400**					**8,500**
Waterworks System Security Upgrades	2-189		**500**	**500**	**500**	**500**	**500**	**2,500**
Regulatory Assessment of Water System Infrastructure and Supply Sources	2-190		**650**					**650**
North End Water Pollution Control Centre (NEWPCC) - Environmental Standards Division Laboratory Facility Upgrading	2-191	**200**						**200**
Water Treatment Research and Process Optimization Facility	2-192	**300**					**150**	**450**
Water Conservation and Efficiency Study	2-193		**230**					**230**
Saskatchewan Avenue Watermain	2-194		**4,400**					**4,400**
North Kildonan Feedermain River Crossing Replacement / Rehabilitation	2-195	**3,000**						**3,000**
Feedermain Condition Assessment and Rehabilitation	2-196	**2,000**	**2,000**	**2,000**	**2,000**	**2,000**	**750**	**10,750**
Public Water Outlets	2-197		**500**					**500**
Meter Infrastructure Project	2-198		**500**					**500**
Water and Waste Department GIS Enhancement Program	2-199	**115**	**100**	**100**	**100**	**100**	**100**	**615**
Safety Upgrades - Isolation Valves at Valve and Meter Pits	2-200	**50**	**50**					**100**
Oracle Work Asset Management System Upgrade	2-201	**45**						**45**
Laboratory Information Management System Upgrade	2-202	**500**	**500**					**1,000**
Building Renovations - 1199 Pacific Avenue	2-203						**55**	**55**
Utility Asset Management System	2-204	**500**						**500**
Correspondence and Bill Generation Upgrades	2-205	**165**						**165**
Information Technology Continuity Business Plan	2-206	**150**						**150**
Watermain Renewals	2-207	**16,000**	**17,000**	**17,000**	**17,500**	**17,500**	**18,000**	**103,000**
Total Water		**32,655**	**43,655**	**28,100**	**23,850**	**21,790**	**21,765**	**171,815**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
Wastewater ***Water and Waste - Sewage Disposal***								
Biosolids - Alternative Disposal Delivery and Management System	2-208	**5,000**	**40,000**	**71,000**	**61,000**			**177,000**
Wastewater System Security Upgrades	2-209	**200**			**500**	**500**	**500**	**1,700**
North End Water Pollution Control Centre (NEWPCC) - Main Building HVAC Replacement	2-210	**400**						**400**
NEWPCC - Nutrient Removal / Upgrade	2-211	**10,000**	**100,000**	**130,000**	**130,000**	**106,236**	**38,000**	**514,236**
South End Water Pollution Control Centre (SEWPCC) - Nutrient Removal / Expansion	2-212	**44,000**	**13,000**	**12,500**				**69,500**
NEWPCC - Environmental Standards Division Laboratory Facility Upgrading	2-213	**200**						**200**
West End Water Pollution Control Centre (WEWPCC) - Settling Improvement	2-214	**500**	**500**					**1,000**
Water Pollution Control Centres (WPCC) - Distributed Control System (DCS) and Human Machine Interface (HMI) Upgrades	2-215		**3,000**					**3,000**
WPCC - Asset Refurbishment and Replacement Project (formerly WPCC - Reliability Upgrades)	2-216	**5,000**	**5,000**	**5,000**	**5,000**	**2,000**	**2,000**	**24,000**
WPCC - Re-roofing	2-217		**400**		**400**		**400**	**1,200**
Arc Flash Hazard Analysis and Remediation	2-218	**250**	**350**	**300**	**700**	**450**	**250**	**2,300**
Lift Stations Upgrading	2-219	**1,600**	**1,750**	**1,750**	**1,750**	**1,750**	**1,750**	**10,350**
Cockburn Lift Station Upgrades to Facilitate Fort Rouge Yards Development	2-220			**2,000**				**2,000**
Fernbank Interceptor	2-221			**8,000**				**8,000**
Warde Interceptor Extension	2-222			**3,200**				**3,200**
Plessis Road Interceptor	2-223				**5,500**			**5,500**
Kenaston Boulevard Interceptor	2-224				**4,000**			**4,000**
River Crossings Monitoring and Rehabilitation	2-225		**1,365**		**1,365**		**1,365**	**4,095**
Wastewater Collection System Buildings Re-Roofing	2-226		**300**			**100**		**400**
Wastewater Collection System Reliability	2-227		**400**					**400**
Water and Waste Department GIS Enhancement Program	2-228	**115**	**100**	**100**	**100**	**100**	**100**	**615**
Inflow / Infiltration / Cross-Connection Study and Mitigation	2-229	**500**	**3,000**		**1,500**			**5,000**
Wastewater Hauling and Grease Trap Licensing Automation	2-230	**500**						**500**
Oracle Work Asset Management System Upgrade	2-231	**45**						**45**
Laboratory Information Management System Upgrade	2-232	**500**	**500**					**1,000**
Building Renovations - 1199 Pacific Avenue	2-233						**55**	**55**
Utility Asset Management System	2-234	**500**						**500**
Correspondence and Bill Generation Upgrades	2-235	**165**						**165**
Information Technology Continuity Business Plan	2-236	**150**						**150**
Combined Sewer Overflow and Basement Flood Management Strategy	2-237	**24,349**	**32,615**	**31,730**	**26,890**	**23,810**	**23,810**	**163,204**
Sewer Renewals	2-238	**15,300**	**16,100**	**16,900**	**17,800**	**18,200**	**19,500**	**103,800**
Total Wastewater		**109,274**	**218,380**	**282,480**	**256,505**	**153,146**	**87,730**	**1,107,515**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
Solid Waste Disposal ***Water and Waste - Solid Waste***								
Brady Road Resource Management Facility - Cell Excavation	2-239	**1,440**	**1,456**	**1,508**	**1,508**	**1,508**	**1,500**	**8,920**
Brady Road Resource Management Facility - Drainage, Roadways and Site Improvements	2-240	**1,040**	**1,300**					**2,340**
Brady Road Resource Management Facility - Landfill Gas Capture Expansion Phase 1	2-241	**566**						**566**
Comprehensive Integrated Waste Management Strategy (CIWMS) - Consulting Support for System Transition	2-242	**200**	**200**					**400**
Summit Landfill Closure / Post-Closure	2-243		**330**					**330**
CIWMS - Provision of Automated Recycling and Garbage Collection Carts	2-246	**253**	**295**	**330**	**342**	**301**	**294**	**1,815**
Total Solid Waste Disposal		**3,499**	**3,581**	**1,838**	**1,850**	**1,809**	**1,794**	**14,371**
Recycling and Waste Diversion ***Water and Waste - Solid Waste***								
CIWMS - 4R Winnipeg Depots (Community Resource Recovery Centres - West and East)	2-244	**3,720**	**3,493**					**7,213**
CIWMS - Material Recycling Facility	2-245			**16,500**				**16,500**
Total Recycling and Waste Minimization		**3,720**	**3,493**	**16,500**				**23,713**
TOTAL INFRASTRUCTURE RENEWAL AND PUBLIC WORKS		**328,824**	**422,340**	**594,448**	**430,118**	**331,847**	**270,375**	**2,377,952**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
PROTECTION AND COMMUNITY SERVICES								
Police Response								
Winnipeg Police Service								
Automated Fingerprint Identification System (AFIS)	2-77	**321**					**500**	**821**
Officer Mobile Video System	2-78				**1,000**			**1,000**
Trunk Radio System	2-79		**2,000**	**5,280**				**7,280**
Radio Upgrade for Districts 3 and 4	2-80			**490**				**490**
Police Divisions Systems Upgrades	2-81	**3,743**	**2,986**	**1,400**				**8,129**
North Station Information Technology Requirements	2-83		**490**					**490**
North District Police Station	2-85				**19,423**			**19,423**
Building Video Surveillance Systems	2-88					**4,160**		**4,160**
Communication Centre Back Up Site Upgrade	2-89				**400**			**400**
Security and Card Access	2-90	**400**						**400**
Mobile and Transient Users	2-91			**250**				**250**
Intelligence Led Reporting (Phase 2)	2-92					**1,050**		**1,050**
Major Case Management System Expansion	2-93			**1,158**			**500**	**1,658**
WPS Data Integration, Auditing and Quality Solution Tool	2-94					**662**		**662**
Bomb Unit Building	2-95						**651**	**651**
In Car Computing	2-96						**1,200**	**1,200**
Next Generation 911	2-97						**800**	**800**
Bomb Unit Truck Replacement	2-98						**300**	**300**
Technology Upgrades - Information Systems	2-99						**1,200**	**1,200**
Total Police Response		**4,464**	**5,476**	**8,578**	**20,823**	**5,872**	**5,151**	**50,364**
Fire and Rescue Response								
Fire Paramedic Service								
Facilities Replacement and Relocation Program	2-100		**892**	**3,120**	**116**	**1,217**	**6,339**	**11,684**
Replacement Radio System	2-101		**2,000**	**4,000**				**6,000**
Addition and Renovation to Fire Paramedic Station #8 - 640 Kimberly Avenue	2-102				**1,152**	**2,008**		**3,160**
Total Fire and Rescue Response			**2,892**	**7,120**	**1,268**	**3,225**	**6,339**	**20,844**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
Recreation								
Community Services								
Recreational Facility Safety and Accessibility Improvements Program	2-67	500	500	600	600	612	624	3,436
Business Application Systems	2-69				250	306	312	868
Recreation Equipment Program	2-70		400		400		400	1,200
Technology Upgrade and Replacement Program	2-71	250				306		556
Recreation Facility Replacement - New Infrastructure	2-72	350			7,301		3,276	10,927
Recreation Refurbishment and Redevelopment Program - Existing Infrastructure	2-73			1,500		1,040	1,040	3,580
Community Centre Renovation Grant Program (CCReno)	2-74	965	965	965	965	965	965	5,790
Municipal Accommodations								
Community Centres - Refurbishing and Improvements	2-124	700	700	700	620	644	673	4,037
Arenas	2-125	2,125	725	525	525	525	525	4,950
Indoor Aquatic Facilities	2-126	1,050	1,760	1,760	2,530	2,470	2,518	12,088
Seven Oaks Pool - Parking Lot Upgrade	2-128	650						650
Seven Oaks Indoor Pool - Renewal Plan	2-129		3,729					3,729
Outdoor Aquatic Facilities	2-130	330	330	350	342	340	338	2,030
Community Facilities	2-131	200	200	200	200	260	212	1,272
UFF - Hockey Pen Light Standard Replacement	2-133	100	100	100	100	100	100	600
Transcona Centennial Pool	2-135	300						300
Daniel McIntyre Recreation Initiative	2-136	600						600
St. James Civic Centre	2-137		900	900				1,800
Valley Gardens Community Club - Splash Pad	2-138	100						100
Machray Park - Splash Pad	2-139	425						425
Total Recreation		8,645	10,309	7,600	13,833	7,568	10,983	58,938

APPENDIX 1

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
Libraries								
Community Services								
Library Interior Infrastructure Replacement Program	2-57	**200**	**200**	**200**	**300**	**306**	**312**	**1,518**
Library Facility Redevelopment - Transcona Library	2-58	**5,383**						**5,383**
Library Facility Redevelopment - River Heights Library	2-59	**100**	**5,560**					**5,660**
Library Facility Redevelopment - Westwood Library	2-60	**100**			**1,468**			**1,568**
Library Facility Redevelopment - St. James Library	2-62					**6,492**		**6,492**
Library Refurbishment and Redevelopment Program - Existing Infrastructure	2-63			**500**	**500**	**510**	**520**	**2,030**
Library Refurbishment and Redevelopment Program - Existing Infrastructure: Cornish Library	2-64	**250**	**2,250**					**2,500**
Library Refurbishment and Redevelopment Program - Existing Infrastructure: St. John's Library	2-65	**250**	**2,250**					**2,500**
Library Technology Upgrade and Replacement Program	2-66	**500**	**500**	**500**	**500**	**510**	**520**	**3,030**
Library Facility Safety and Accessibility Improvements Program	2-68	**200**	**200**	**200**	**200**	**204**	**208**	**1,212**
Total Libraries		**6,983**	**10,960**	**1,400**	**2,968**	**8,022**	**1,560**	**31,893**
Arts, Entertainment and Culture								
Community Services								
Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability - First charge on 2014 Capital Budget of up to $3.123 million (Council April 24, 2013)	2-75	**5,123**	**5,123**	**5,123**	**5,123**	**5,123**	**5,123**	**30,738**
Assiniboine Park Conservancy (APC) - Capital Development Plan - First charge on 2014 Capital Budget of up to $4.5 million (Council January 29, 2013)	2-76	**9,251**	**4,503**	**4,638**	**2,740**	**4,727**	**4,788**	**30,647**
City Clerks								
2017 Canada Summer Games	2-145	**750**	**750**	**750**	**750**			**3,000**
Total Arts, Entertainment and Culture		**15,124**	**10,376**	**10,511**	**8,613**	**9,850**	**9,911**	**64,385**
Insect Control								
Public Works								
Insect Control - Information System	2-53		**1,250**					**1,250**
Insect Control - Replace 3 Grey Street Operations Building	2-54					**1,000**		**1,000**
Total Insect Control			**1,250**			**1,000**		**2,250**
TOTAL PROTECTION AND COMMUNITY SERVICES		**35,216**	**41,263**	**35,209**	**47,505**	**35,537**	**33,944**	**228,674**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
PROPERTY AND DEVELOPMENT								
Neighbourhood Revitalization								
Community Services								
Community Incentive Grant Program	2-56	**1,600**	**1,632**	**1,665**	**1,698**	**1,732**	**1,767**	**10,094**
Planning, Property and Development								
Building Communities Initiative II, Phase Two	2-114	**3,200**	**1,300**					**4,500**
Building Communities Initiative III	2-115			**2,100**	**2,120**	**2,000**	**3,780**	**10,000**
Municipal Accommodations								
City-Wide Accessibility Program	2-134	**350**	**350**	**350**	**350**	**350**	**350**	**2,100**
Total Neighourhood Revitalization		**5,150**	**3,282**	**4,115**	**4,168**	**4,082**	**5,897**	**26,694**
Heritage Conservation								
Municipal Accommodations								
Historic Buildings	2-121	**200**	**200**	**200**	**200**	**270**	**214**	**1,284**
Total Heritage Conservation		**200**	**200**	**200**	**200**	**270**	**214**	**1,284**
Cemeteries								
Planning, Property and Development								
Cemeteries - Improvements	2-105	**350**	**410**	**382**	**408**	**400**	**390**	**2,340**
Total Cemeteries		**350**	**410**	**382**	**408**	**400**	**390**	**2,340**
Property Asset Management - Tax Supported								
Planning, Property and Development								
Computer Automation	2-103	**200**		**200**	**120**	**144**	**133**	**797**
Land Acquisition for General Unspecified Purposes	2-109		**300**	**300**	**300**	**240**	**228**	**1,368**
Total Property Asset Management - Tax Supported		**200**	**300**	**500**	**420**	**384**	**361**	**2,165**
Property Asset Management - Municipal Accommodations								
Municipal Accommodations								
General Building Renovation and Refurbishing	2-116	**500**	**500**	**500**	**500**	**500**	**500**	**3,000**
Accommodation Facilities	2-117	**1,730**	**2,100**	**1,239**	**2,251**	**1,994**	**1,863**	**11,177**
Fire / Life Safety / Regulatory Upgrades	2-118	**1,014**	**725**	**625**	**710**	**720**	**759**	**4,553**
Energy Conservation	2-119	**300**	**100**	**100**	**150**	**140**	**158**	**948**
Tenant Improvement Prepayment - Major Department	2-120		**200**	**200**	**180**	**193**	**155**	**928**
Generator Set Replacement and Upgrades	2-122		**200**		**200**	**167**	**113**	**680**
Security / Building Automation System Initiatives	2-123	**225**	**225**	**140**	**188**	**201**	**196**	**1,175**
Pan Am Pool - Boiler System Replacement	2-127	**830**	**770**	**770**				**2,370**
Building Asset / Work Management Program	2-132	**200**	**200**	**162**	**152**	**163**	**175**	**1,052**
Total Property Asset Management - Municipal Accommodations		**4,799**	**5,020**	**3,736**	**4,331**	**4,078**	**3,919**	**25,883**
TOTAL PROPERTY AND DEVELOPMENT		**10,699**	**9,212**	**8,933**	**9,527**	**9,214**	**10,781**	**58,366**

CAPITAL PROJECTS SUMMARY *SERVICE BASED VIEW* *(in Thousands of $)*	DETAIL PAGE NO.	PRELIMINARY CAPITAL BUDGET 2014	FORECAST 2015	2016	2017	2018	2019	6 YEAR TOTAL
EXECUTIVE POLICY								
Organizational Support Services								
Corporate Support Services								
PeopleSoft	2-146	**395**	**100**	**100**	**2,400**	**1,000**	**350**	**4,345**
Communications Network Infrastructure	2-147	**500**	**275**	**375**	**525**	**230**	**381**	**2,286**
Enterprise Computing Initiatives	2-148	**117**	**1,115**	**585**	**844**	**801**	**539**	**4,001**
E-Government	2-149	**50**	**50**	**200**	**125**	**150**	**100**	**675**
Data Warehouse / Business Intelligence	2-150	**578**	**218**	**203**	**149**	**150**	**175**	**1,473**
311 Renewal	2-151	**346**	**354**	**335**	**352**	**450**	**370**	**2,207**
Teraspan Fibre Ring Renewal	2-152			**400**	**800**			**1,200**
Infrastructure Service Enhancements	2-153	**100**	**250**		**125**	**50**	**100**	**625**
Document Management	2-154	**300**	**275**		**50**			**625**
Other Projects								
PeopleSoft Accounts Receivable and Billing	2-157	**250**						**250**
Total Organizational Support Services		**2,636**	**2,637**	**2,198**	**5,370**	**2,831**	**2,015**	**17,687**
Assessment, Taxation and Corporate								
Assessment and Taxation								
Assessment Automation	2-155		**750**	**500**	**350**	**320**	**350**	**2,270**
Total Assessment, Taxation and Corporate			**750**	**500**	**350**	**320**	**350**	**2,270**
Council Services								
City Clerks								
Corporate Records Centre	2-141				**150**			**150**
Election Systems	2-142	**200**			**200**	**200**		**600**
City Archives	2-143	**1,500**						**1,500**
Decision Making Information System (DMIS) Upgrades / Replacement	2-144					**250**		**250**
Total Council Services		**1,700**			**350**	**450**		**2,500**
TOTAL EXECUTIVE POLICY		**4,336**	**3,387**	**2,698**	**6,070**	**3,601**	**2,365**	**22,457**
TOTAL CAPITAL PROGRAM - SERVICE BASED VIEW		**379,075**	**476,202**	**641,288**	**493,220**	**380,199**	**317,465**	**2,687,449**

Back to Appendices Table of Contents

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%

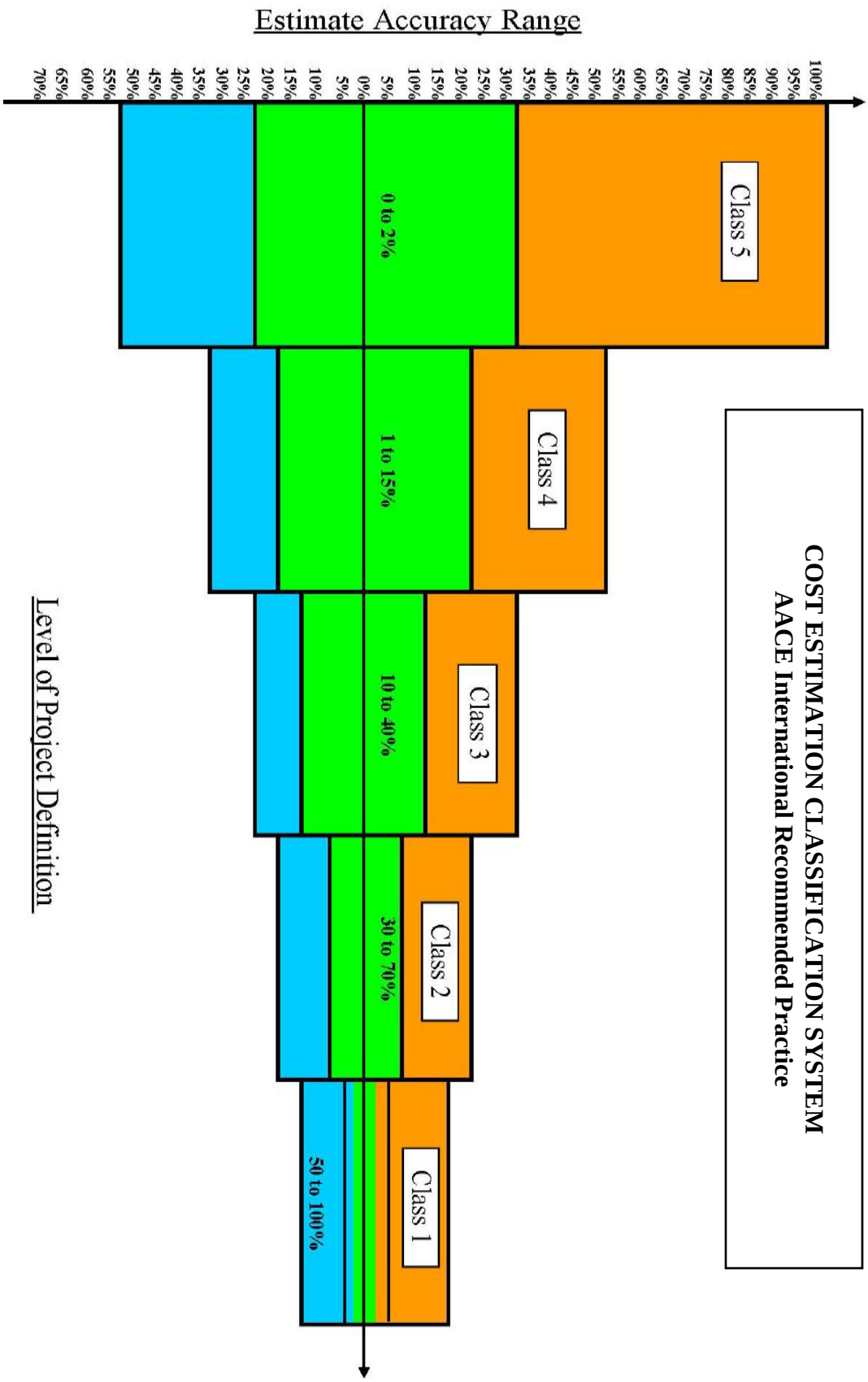
Class 3	Typical estimate methodology is a mixture of deterministic and judgment but primarily judgmental. (Budget Authorization or Control)		
Level of Project Definition	10 to 40%	Expected Accuracy	High: +10% to +30% Low: -10% to -20%

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 Association for the Advancement of Cost Engineering (AACE) International Recommended Practice No. 17R-97 Cost Estimating Classification System. The AACE standard has been updated and will be utilized in the 2015 budget process.

APPENDIX 2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Class 5
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Class 4
1 to 15%
Class 3
10 to 40%
Class 2
30 to 70%
Class 1
50 to 100%
Level of Project Definition
COST ESTIMATION CLASSIFICATION SYSTEM
AACE International Recommended Practice

Back to Appendices Table of Contents

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	

APPENDIX 3

Priority Groupings		Priority Points Main	Sub
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	
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

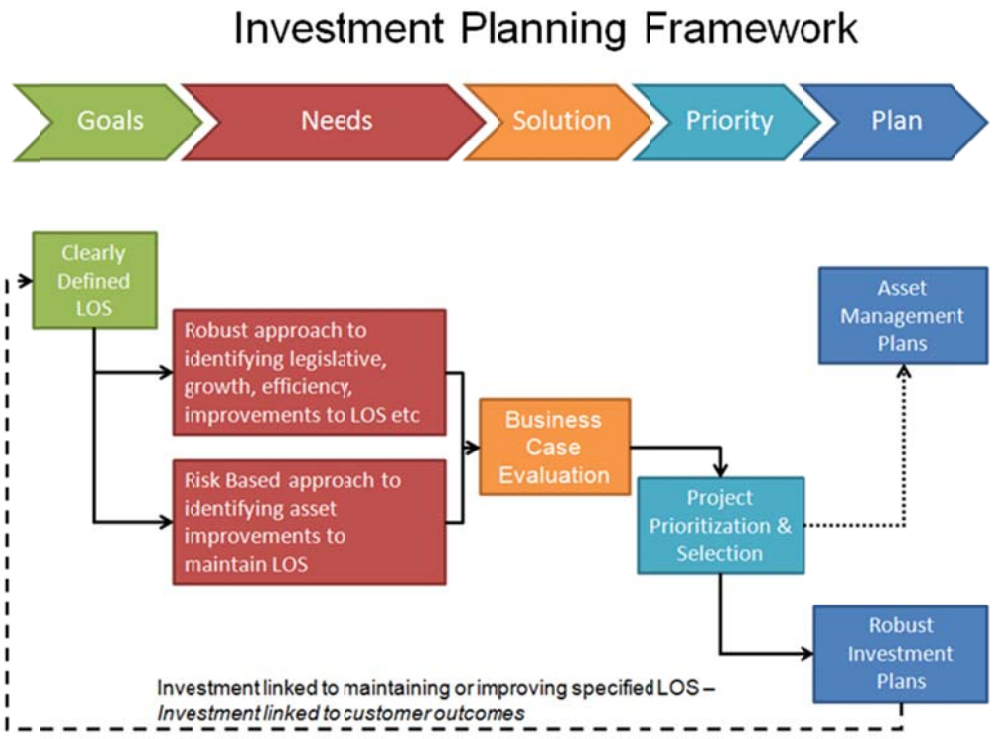
Notes: 1. A bonus of up to 2 points may be added to any of the subcategories 1 to 4 for projects that clearly contribute specifically to the City's declared development objectives.

2. See pages 3-17 and 3-18 outlining future year plans to transition from the currently used capital priority rating system.

Asset Management Program Initiative

Transitioning from the Priority Rating System approach to the Investment Planning Framework

During the next budget cycle, the capital priority rating system will transition to the Asset Management Program's investment planning process. The Investment Planning Framework provides a robust, defensible and transparent decision making process to integrate with the budgeting process. The following outlines the implementation status of the investment planning framework.



Goals – Clearly defined Level of Service (LOS)

Departments are developing formal customer service measures that an asset provides to the customer. Once each measure has been defined, the cost to deliver the service is determined and linked to key performance measures to ensure effectiveness and efficiency.

- For the current budget year, these service measures were not formally defined.
- Departments will be working over the next 2 years to develop fully costed LOS models.

Needs

Departments are developing long term asset strategic plans to address growth and improvements to service. In addition, departments are developing a formal risk based approach to assess the risk to the service.

- Needs as identified in departmental asset strategic plans were included in the budget.

- For the current year, each identified need was assessed based on an informal risk based approach.
- Over the next few years, departments will be developing departmental long term asset strategic plans and formal risk assessment models.

Business Cases

Departments developed business cases to ensure that needs were identified and different options were assessed to ensure the best value for money.

- Business cases for projects in the 2014 budget year greater than $500,000 were completed.
- For the 2015 budget, business cases greater than $100,000 in the budget year plus two forecast years is planned.

Project Prioritization and Selection

Projects with completed business cases, were rated against triple bottom line criteria (social – economic/financial – environment). The project cost was then divided by the benefit score to determine the cost/benefit ratio for the project.

- Projects in the 2014 budget year greater than $500,000 were rated and benefit ratings determined.
- The benefit model used to determine the benefit rating is being assessed based on the first year of data. For the 2015 budget, projects in the current budget year plus 2 forecast years will be prioritized based on the triple bottom line benefit approach.

Robust Investment Plans

Departmental investment plans will be developed based on selected projects with the lowest cost benefit ratio and lowest residual risk.

- For 2014, the number of project business cases was not sufficient to develop investment plans beyond the current year.
- For 2015, investment plans will incorporate projects in the current budget year plus 2 forecast years.

Asset Management Plans

Asset Management Plans (AMP) will be developed for each service area. The AMP will set out the generic optimized approach to whole life cycle asset management of a particular service area and will focus on the delivery of service to the customer, and the assets and resources required to efficiently and effectively deliver that service.

- Departments will start to develop formal Asset Management plans over the next year for each asset portfolio.

Back to Appendices Table of Contents

APPENDIX 4

Public Private Partnership Payments as a Percentage of Cash to Capital/Gas Tax

(In thousands of dollars)	2014	2015	2016	2017	2018	2019
Public Private Partnership Payments:						
1 Charleswood Bridge	$ 1,478	$ 1,478	$ 1,478	$ 1,478	$ 1,478	$ 1,478
2 Disraeli Bridge and Overpass Facility	18,550	18,480	18,400	18,325	18,250	14,900
3 Chief Peguis Trail - Henderson to Lagimodiere	7,065	7,105	7,150	7,185	7,230	7,270
4 East District Police Station	990	990	990	990	1,012	1,056
Total	$ 28,083	$ 28,053	$ 28,018	$ 27,978	$ 27,970	$ 24,704
Less Manitoba Winnipeg Infrastructure Fund (2010 - 2019)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)
Net Public Private Partnership Payments	**$ 23,083**	**$ 23,053**	**$ 23,018**	**$ 22,978**	**$ 22,970**	**$ 19,704**
Financing Sources:						
1 Cash to Capital	$ 75,478	$ 77,478	$ 79,478	$ 81,478	$ 83,478	$ 85,478
2 Federal Gas Tax	40,450	40,450	40,450	40,450	40,450	40,450
Total Cash to Capital and Gas Tax	**$115,928**	**$117,928**	**$119,928**	**$121,928**	**$123,928**	**$125,928**
Payments as a Percentage of Cash to Capital and Gas Tax	**19.91%**	**19.55%**	**19.19%**	**18.85%**	**18.53%**	**15.65%**

Notes:

1 Public Private Partnership Payments include annual service/financing payments and debt servicing payments.

2 On December 15, 2009, Council adopted that the 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.

3 The Province of Manitoba 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.

4 The “Southwest Rapid Transit Corridor – Stage 2” capital project included in the 2015 and 2016 capital forecast has not been included in the above-noted schedule as construction of this project will not commence until all other partner funding is confirmed and a report on this is prepared and approved by Council. Should this project be approved as a public private partnership arrangement, the P3 policy will require review.

APPENDIX 5

Back to Appendices Table of Contents

Allocation of Prior Years' Surplus to the Capital Budget

Source (From)	Capital Project (To)	2014 ($000's)
2012 Federal Gas Tax	Regional and Local Street Renewal	$ 1,000
2011 Federal Gas Tax	Regional and Local Street Renewal	1,377
2013 Regional and Local Street Renewal	Regional and Local Street Renewal	3,150
2007 Chief Peguis Trail	Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard	2,000
2012 Winnipeg Police Service Communications Systems	Automated Fingerprint Identification System	321
2011 Data Warehouse / Business Intelligence	Data Warehouse / Business Intelligence	425
Corporate Non-Specified Capital Account	Arenas - East End Community Centre	1,500
TOTAL		**$ 9,773**

Back to Appendices Table of Contents

APPENDIX 6

Local Street Renewal Reserve

Long Term Proposal for Sustainable Funding for the Renewal of Local Streets

Currently 20% of local streets along with 16% of back lanes are in poor condition. Winnipeggers' satisfaction with the condition of local streets is low at 40% (poll June 2012). Only one other City service has a lower satisfaction: condition of regional streets, at 38%. The City is currently spending $21.7 million per year on the local streets program. This includes the $5 million TBO program, $3 million for gravel roads and $0.9 million for sidewalk and pathways. Net of the three components just listed, only $12.8 million is spent annually on the renewal of local streets and back lanes.

A sustainable level of funding for local streets and back lanes is in the range of $80 million per year based on a 25 year view and on a proper asset management approach. Thus currently we are funding only 16% of what is required resulting in a shortfall in funding of $67 million per year in today's dollars. Cumulatively over the next 25 years and adding in construction inflation, the funding shortfall for local streets and back lanes totals $3.6 billion.

With the goal of developing a long term plan for local street renewal funding, the City explored several alternative funding models including debt, local improvements, frontage levies with reference to information obtained from the cities of Fargo and Edmonton.

After examining and analysing the various models, the City proposes a combination of dedicated property tax increases for several years followed by future frontage levy increases. The new revenue would be dedicated to a local street renewal reserve and used solely for the renewal of local streets, back lanes and sidewalks. A majority of Winnipeggers, 55%, support an increase in the frontage levy for repair, replacement and maintenance of streets and sidewalks (poll June 2012). Currently the existing $41 million in frontage levy revenue provides funding in the operating budget for maintenance of City streets, back lanes and sidewalks.

Long Term Proposal – In the event the City does not receive significant new growth revenue from other levels of government, the following potential plan is proposed. Dedicated annual 1% property tax increase for 8 or 9 years committed to increasing funding for the renewal of local streets, back lanes and sidewalks. A small portion of this funding would be used to finance $25 million of borrowing over the first 3 years ($10 – $10 – $5). In the ninth year the new street property tax funding would be exchanged with the current frontage levy from operating budget. The current frontage levy rate is $3.75 per foot frontage. Thereafter the frontage levy rate would be increased annually by $1.00 per foot frontage for 13 years or so. The overall plan would achieve a sustainable funding level for the renewal of local streets.

APPENDIX 6

Local Street Renewal Reserve – Last year's budget established a new reserve to manage and track the new revenue. The 1% property tax increase revenue will be dedicated to the renewal of local streets, back lanes and sidewalks. A two thirds vote of Council would be required in order to use the funds other than those stipulated.
The table below outlines the planned spending on local streets if the long term proposal is fully implemented:

Local Street Renewal Reserve														
Year	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**--**	**2033**	**2034**
New Revenues														
Property Tax Increase	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***0.5%***					
Revenue ($ million)	**$4.5**	**$9.1**	**$13.9**	**$19.0**	**$24.3**	**$29.8**	**$35.6**	**$41.7**	**$44.8**					
Amount used to Finance Borrowing	-$0.5	-$1.3	-$1.8	-$1.9	-$1.9	-$1.9	-$1.9	-$1.9	-$1.9					
Revenue for Cash Funding ($ million)	$4.0	$7.8	$12.2	$17.1	$22.4	$27.9	$33.7	$39.8	$43.0					
Base Frontage Levy after exchange									$44.8	$45.4	$45.8	--	$49.9	$50.3
Frontage Levy Increase (per foot)									***$0.25***	***$1.00***	***$1.00***	***--***	***$1.00***	***$1.00***
Total Frontage Levy Rate (per foot)	*$3.75*	*$3.75*	*$3.75*	*$3.75*	*$3.75*	*$3.75*	*$3.75*	*$3.75*	*$4.00*	*$5.00*	*$6.00*	--	*$16.00*	*$17.00*
Additional Revenue ($ million)									**$3.0**	**$15.1**	**$27.5**	**--**	**$163.0**	**$177.8**
Amount used to Finance Borrowing									-$1.9	-$1.9	-$1.9	--	-$1.9	-$1.9
Revenue for Cash Funding ($ million)									$46.0	$58.7	$71.4		$211.1	$226.2
Total New Reserve Revenues	**$4.5**	**$9.1**	**$13.9**	**$19.0**	**$24.3**	**$29.8**	**$35.6**	**$41.7**	**$47.8**	**$60.5**	**$73.3**	--	**$212.9**	**$228.1**
Year	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**--**	**2033**	**2034**
New Investment in Local Streets Renewals					$ millions									
from Borrowing	$10.0	$10.0	$5.0											
on Cash basis	$4.0	$7.8	$12.2	$17.1	$22.4	$27.9	$33.7	$39.8	$46.0	$58.7	$71.4	--	$211.1	$226.2
Funding for Local Street Renewals	**$14.0**	**$17.8**	**$17.2**	**$17.1**	**$22.4**	**$27.9**	**$33.7**	**$39.8**	**$46.0**	**$58.7**	**$71.4**	--	**$211.1**	**$226.2**
Existing Investment in Local Streets Renewals					$ millions									
Local Streets Renewals	$10.0	$10.0	$10.0	$10.0	$10.0	$10.0								
Local Thin Bituminous Overlay(TBO)	$5.0	$5.0	$5.0	$5.0	$5.0	$5.0								
Lane Renewals	$2.8	$2.8	$2.8	$2.8	$2.8	$2.8								
Granular Roadway Improvements	$3.0	$3.0	$3.0	$3.0	$3.0	$3.0								
Sidewalk/Bike Pathway Renewals	$0.9	$1.3	$1.3	$1.3	$1.3	$1.3								
Total Existing	**$21.7**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**	**$22.1**		**$22.1**	**$22.1**
Total Planned Spending	**$35.7**	**$39.9**	**$39.2**	**$39.2**	**$44.5**	**$50.0**	**$55.8**	**$61.9**	**$68.0**	**$80.7**	**$93.5**		**$233.1**	**$248.3**

The proposal would result in local street renewal projects being funded with a sustainable funding source and mostly on a cash basis. A significant increase in City spending on road renewal would have a strong positive economic impact.

Back to Appendices Table of Contents

Regional Street Renewal Reserve

Long Term Proposal for Sustainable Funding for the Renewal of Regional Streets

Within the City of Winnipeg there are nearly 10 million daily vehicle-kilometres of travel, with about 80% of this traffic volume travelling on regional roads – the remaining 20% travel on local streets. The regional system is made up of about 1,800 lane kilometres of regional streets which forms the backbone to the City's transportation system.

On average the City is currently funding about $21 million per year on the Regional Street Capital Program. With this current funding level for regional street renewals, the condition of the City's regional streets is expected to drop significantly over the next 10 years as illustrated in the table below. The percentage of regional streets in poor condition is expected to increase from the current 16% to 27% in 10 years.

Pavement Condition (now and 10 years out)

Regional Streets

	Year 2012	Year 2022 with Current Funding
New / Good	57%	49%
Fair	27%	24%
Poor	16%	27%

A sustainable level of funding for regional streets is in the range of $60 million per year in today's dollars based on a 25 year view and on a proper asset management approach. Thus currently we are funding only about a third of what is required, resulting in a shortfall in funding of about $40 million per year in today's dollars. Cumulatively over the next 25 years and adding in construction inflation, the funding shortfall for regional streets totals $1.4 billion.

Recent public budget consultation found that (excerpt from MNP report):

> "Developing and maintaining the infrastructure, particularly the repair of roads and streets, was identified as a high priority in all components of consultation. Approximately 80% of all survey respondents identified repair and maintenance of streets as one of the top priorities."

Following last year's proposal for the Local Street Renewal Reserve, the City now proposes a similar approach for regional streets. The new revenue would be dedicated to a regional street renewal reserve and used solely for the renewal of regional streets and sidewalks.

APPENDIX 7

Long Term Proposal – In the event the City does not receive significant new growth revenue from other levels of government, the following plan is proposed. Dedicated annual 1% property tax increase for 9 years committed to increasing funding for the renewal of regional streets. A small portion of this funding would be used to finance $25 million of borrowing over the first 3 years ($10 – $10 – $5). After the ninth year the property tax increase required would drop to 0.25% to deal with construction inflation. The overall plan would achieve a sustainable funding level for the renewal of regional streets.

New Regional Street Renewal Reserve – This budget establishes a new reserve to manage and track the new revenue. The 1% property tax increase revenue will be dedicated to the renewal of regional streets and sidewalks. A two thirds vote of Council would be required in order to use the funds other than those stipulated.

The table below outlines the planned spending on regional streets if the long term proposal is fully implemented:

Regional Street Renewal Reserve														
Year	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	--	**2034**	**2035**
New Revenues						**$ millions**								
Property Tax Increase	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***1.0%***	***0.25%***	***0.25%***		***0.25%***	***0.25%***
Revenue	**$4.7**	**$9.7**	**$15.0**	**$20.6**	**$26.5**	**$32.8**	**$39.4**	**$46.4**	**$53.7**	**$55.6**	**$57.6**		**$82.5**	**$85.6**
Amount used to Finance Borrowing	-$0.4	-$1.2	-$1.7	-$1.8	-$1.8	-$1.8	-$1.8	-$1.8	-$1.8	-$1.8	-$1.8		-$1.8	-$1.8
Revenue for Cash Funding	$4.3	$8.5	$13.4	$18.9	$24.8	$31.0	$37.6	$44.6	$51.9	$53.9	$55.9		$80.7	$83.8
Total New Reserve Revenues	**$4.7**	**$9.7**	**$15.0**	**$20.6**	**$26.5**	**$32.8**	**$39.4**	**$46.4**	**$53.7**	**$55.6**	**$57.6**	--	**$82.5**	**$85.6**
Year	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	--	**2034**	**2035**
New Investment in Regional Streets Renewals						**$ millions**								
from Borrowing	$10.0	$10.0	$5.0											
on Cash basis	$4.3	$8.5	$13.4	$18.9	$24.8	$31.0	$37.6	$44.6	$51.9	$53.9	$55.9	--	$80.7	$83.8
New Funding for Regional Street Renewals	**$14.3**	**$18.5**	**$18.4**	**$18.9**	**$24.8**	**$31.0**	**$37.6**	**$44.6**	**$51.9**	**$53.9**	**$55.9**	--	**$80.7**	**$83.8**
Cumulative New	**$14**	**$33**	**$51**	**$70**	**$95**	**$126**	**$164**	**$208**	**$260**	**$314**	**$370**		**$1,057**	**$1,141**
Existing Planned Investment in Regional Streets Renewals						**$ millions**								
Regional Streets Renewal	$18.7	$18.8	$19.1	$22.6	$18.4	$31.0								
Regional Sidewalk and Curb Renewals	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5								
Regional Paving of Granular Shoulders	$0.3	$0.3	$0.3	$0.3	$0.3	$0.3								
Regional Accessibility Improvements	$0.1	$0.1	$0.1	$0.1	$0.1	$0.1								
Downtown Streets	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5								
Total Existing	**$21.0**	**$21.2**	**$21.5**	**$24.9**	**$20.8**	**$33.4**	**$21.0**	**$21.0**	**$21.0**	**$21.0**	**$21.0**		**$21.0**	**$21.0**
Total Planned Spending	**$35.3**	**$39.7**	**$39.9**	**$43.8**	**$45.5**	**$64.4**	**$58.6**	**$65.6**	**$72.9**	**$74.9**	**$76.9**		**$101.7**	**$104.8**

The proposal would result in the regional street renewal program being funded with a sustainable funding source and mostly on a cash basis.

In addition, a significant increase in City spending on road renewal would have a strong positive economic impact.

Back to Appendices Table of Contents

APPENDIX 8

2013 New Borrowing Authority Required and Reallocation of 2013 External Debt Financing

2013 Adopted Capital Projects	External Debt Financing (in $000s)		
	From	To	Increase / (Decrease)
Tax Supported			
Panet Road / Molson Street Twinning - Munroe Ave to Grassie Blvd	$ 7,000	$ 2,400	$ (4,600)
Waverley West Arterial Roads Project	-	4,600	4,600
Assiniboine Park Conservancy (APC) - Capital Development Plan	1,413	7,503	6,090
Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability	-	4,123	4,123
Regional and Local Street Renewal Program	10,000	18,255	8,255
TOTAL TAX SUPPORTED	**$ 18,413**	**$ 36,881**	**$ 18,468** *
Transit			
Transit Building Replacement / Refurbishment	8,587	3,619	(4,968) **
TOTAL TAX SUPPORTED INCLUDING TRANSIT	**$ 27,000**	**$ 40,500**	**$ 13,500**

* $18.468 million - 2013 new borrowing authority required.

** Cancellation of borrowing authority of $4.968 million for Transit Building Replacement / Refurbishment will occur once formal provincial funding is in place.

Note: Cash to capital financing will be adjusted accordingly.

APPENDIX 9

Back to Appendices Table of Contents

Cancellation of Outstanding Capital Borrowing Authorizations

By-Law Number	In $000s			
	Transit System	Waterworks System	Sewage Disposal System	Total
183/2004	$ -	$ -	$ 5,269	$ 5,269
72/2006	6,808	-	-	6,808
32/2007	3,417	16,800	7,038	27,255
219/2007	-	-	10,000	10,000
184/2008	-	-	4,190	4,190
TOTAL	**$ 10,225**	**$ 16,800**	**$ 26,497**	**$ 53,522**

Back to Appendices Table of Contents

APPENDIX 10

Major Capital Projects

Administrative Standard FM-004: Capital Project Administration

Directive

"Capital Projects must be planned giving due regard to appropriate project management techniques, reporting and administrative structure including the Major Capital Project Steering Committee required for projects that are expected to exceed $10 million."

In accordance with the Directive above, Major Capital Project Steering Committees meet quarterly upon commencement of construction of major capital projects. Project status reports to the Standing Policy Committee on Finance are made on a quarterly basis.

Listing of Major Capital Projects previously approved:

1) Waverley West Arterial Roads Project
2) Plessis Road Twinning and Grade Separation at CN Rail
3) Sturgeon Road Bridge (Sturgeon Creek)
4) Polo Park – Infrastructure Improvements
5) Southwest Rapid Transit – Stage 1 Project
6) Transit Building Replacement / Refurbishment (Design-Build of a Transit Bus Parking and Serving Garage)
7) Transit Fare Collection (Automated Fare Collection System)
8) Winnipeg Police Headquarters Redevelopment
9) East Yard Complex Development (Consolidated Public Works and Winnipeg Fleet Management Agency East Yard Complex)
10) South District Police Station
11) North End Water Pollution Control Centre – Nutrient Removal/Upgrade
12) South End Water Pollution Control Centre – Nutrient Removal/Expansion (SEWPCC Upgrading and Expansion)
13) Inkster Boulevard Interceptor
14) Biosolids – Alternative Disposal Delivery and Management System

With the adoption of the 2014 Capital Budget, the Public Service will create additional Major Capital Project Steering Committees for the following major capital projects:

1) Southwest Rapid Transit – Stage 2 / Pembina Highway Underpass
2) Transit Building Replacement / Refurbishment
3) Water Supervisory Control and Data Acquisition (SCADA) Upgrade



2014
Preliminary Budget
Capital Project Detail
Volume 2