



# Supplement to the 2021 Adopted Budget



Photo: Mike Peters, courtesy Tourism Winnipeg



# City of Winnipeg

## Supplement to the 2021 Adopted Budget

Winnipeg, Manitoba, Canada

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Winnipeg, Manitoba***

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# Reader's Guide

This **Reader's Guide** is intended to provide the reader with a basic understanding of the supplement to the 2021 adopted budget, developed from the budgeting process, as well as briefly describe the document's content and layout.

The **Supplement to the 2021 Adopted Budget** provides summary and detailed information on capital projects and financing for the capital program, and additional information for the operating budget, set out in the following sections:

- ❖ The **Capital Project Summary** provides a listing of capital projects for 2021 through to 2026, highlighting related financing sources.
- ❖ The **Capital Project Detail** section gives additional information about each project in the budget, including project descriptions, current year's budget and five-year forecast, cash flow projections, net impact on the operating budget, and previous budget authorizations, if applicable. The capital estimate and service area are identified, as well as the link to OurWinnipeg to ensure all capital projects align with city objectives.
- ❖ The **Listing of Grants / Payments** section provides information on grants in the operating, capital, and reserves budgets. The operating grants/payments are separated in to four categories (annual, long-term, other programs and value in kind)
- ❖ The **Appendices** provide additional context information in support of the budget documents.



# Capital Project Summary

## 2021 Adopted Capital Budget and 2022 to 2026 Five-Year Forecast

**Note:**

In the attached Capital Project Summary, tax supported capital projects are financed by cash to capital unless other funding is disclosed for the project.

Unallocated Province of Manitoba Strategic Infrastructure Funding has not been included in the above amounts. Funding will be reflected in future years as projects are identified.

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<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	ADOPTED	ADOPTED CAPITAL						6 YEAR
	BUDGET	BUDGET	FORECAST				TOTAL	
	2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>SUMMARY OF CAPITAL PROGRAM</b>								
Public Works	164,675	175,584	185,607	171,017	159,071	174,858	187,018	1,053,155
Community Services	13,404	32,973	28,400	24,785	8,124	8,235	9,945	112,462
Winnipeg Police Service	2,966	4,990	5,047	3,034	2,655	2,098	8,027	25,851
Fire Paramedic Service	11,112	2,554	17,283	11,709	1,482	829	8,555	42,412
Planning, Property and Development	6,187	3,345	1,620	353	337	302	427	6,384
City Clerks		100	210	100		100	200	710
Innovation, Transformation and Technology	6,776	3,938	6,181	1,886	3,088	2,858	1,270	19,221
Customer Service and Communication	122	100		100			107	307
Assessment and Taxation	630	587	412	480	397	412	600	2,888
<b>Total Tax Supported</b>	<b>205,872</b>	<b>224,171</b>	<b>244,760</b>	<b>213,464</b>	<b>175,154</b>	<b>189,692</b>	<b>216,149</b>	<b>1,263,390</b>
Municipal Accommodations	4,707	3,936	931	1,333	2,660	943	2,236	12,039
Transit	26,435	23,712	28,712	28,283	29,218	27,544	27,991	165,460
<b>Total Tax Supported, Transit and Municipal Accommodations</b>	<b>237,014</b>	<b>251,819</b>	<b>274,403</b>	<b>243,080</b>	<b>207,032</b>	<b>218,179</b>	<b>246,376</b>	<b>1,440,889</b>
<b>Self-Supporting Utilities</b>								
Waterworks System	37,600	33,020	27,510	35,265	27,365	44,315	51,870	219,345
Sewage Disposal System	69,065	76,270	60,270	56,680	73,535	99,990	97,300	464,045
Solid Waste Disposal System	3,470	2,550	4,900	3,350	1,850	1,400	3,900	17,950
Land Drainage and Flood Control	5,680	4,410	7,250	4,500	6,785	5,100	6,100	34,145
<b>Total Self-Supporting Utilities</b>	<b>115,815</b>	<b>116,250</b>	<b>99,930</b>	<b>99,795</b>	<b>109,535</b>	<b>150,805</b>	<b>159,170</b>	<b>735,485</b>
<b>Special Operating Agencies</b>								
Winnipeg Fleet Management Agency	15,972	18,237	16,793	16,552	16,876	16,447	16,447	101,352
Winnipeg Parking Authority	651	123	170	136	259	186	149	1,023
<b>Total Special Operating Agencies</b>	<b>16,623</b>	<b>18,360</b>	<b>16,963</b>	<b>16,688</b>	<b>17,135</b>	<b>16,633</b>	<b>16,596</b>	<b>102,375</b>
<b>TOTAL CAPITAL PROGRAM</b>	<b>369,452</b>	<b>386,429</b>	<b>391,296</b>	<b>359,563</b>	<b>333,702</b>	<b>385,617</b>	<b>422,142</b>	<b>2,278,749</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	ADOPTED		ADOPTED CAPITAL					6 YEAR
	BUDGET	BUDGET	FORECAST					TOTAL
	2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>SUMMARY OF FINANCING SOURCES</b>								
Cash to Capital	22,846	5,688	10,591	2,567	20,000	20,000	20,620	79,466
Frontage Levy	10,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Public Private Partnership Annual Service / Financing Payments	(37,404)	(37,761)	(37,901)	(38,201)	(38,636)	(37,355)	(37,885)	(227,739)
Reserves:								
- Transit Bus Replacement					10,889	12,268	8,968	32,125
- Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass Payment	14,460	14,720	14,760	14,880	15,190	15,280	15,700	90,530
- Water Meter Renewal						16,000	23,000	39,000
- Water Main Renewal	17,500	18,000	18,500	19,000	20,000	20,500	21,250	117,250
- Sewer System Rehabilitation	7,000	17,500	18,000	18,500	21,000	21,000	21,000	117,000
- Environmental Projects	31,610	32,000	30,000	28,000	32,000	26,500	31,500	180,000
- Landfill Rehabilitation	970	1,350	1,400	1,400	1,350	1,400	1,400	8,300
- Waste Diversion	1,800		250	650				900
- Financial Stabilization	1,035	1,035	1,035	1,035				3,105
- Destination Marketing	336							
- Permit	1,215	1,947	1,019					2,966
- Land Operating	4,515	3,611	2,269	965	3,265	965	965	12,040
- Local Street Renewal	25,536	45,430	51,757	62,757	74,157	86,057	98,257	418,415
- Regional Street Renewal	28,800	41,538	47,838	49,838	51,838	53,938	56,138	301,128
Interim Financing / (Repayment)	(4,513)	(1,110)	129		(600)			(1,581)
Contributions from Other Levels of Government:								
- Federal Gas Tax	53,716	51,631	48,488	51,915	49,940	48,420	48,432	298,826
- Federal New Building Canada Fund	25,000	26,000	24,000	13,000				63,000
- Veterans Affairs Canada	800	700	150					850
- Province of Manitoba Strategic Infrastructure Funding		29,800	30,100	30,000				89,900
- Province of Manitoba Accelerated Regional Roads	15,000	29,100	29,100	9,800				68,000
- Shared Health Capital Grant	1,471	994	840	602	907	687	791	4,821
Other Funders:								
- Developer Funding / Developer Capacity Charges	2,586	988	400		1,700		1,000	4,088
- Future Services Account		200	200	200	200	200	200	1,200
- Sponsorship / Sponsor Winnipeg	48	48	48					96
Retained Earnings - Transit	5,639	1,500	1,500	2,100				5,100
Retained Earnings - Self-supporting Utilities	37,575	42,190	22,030	27,745	28,400	60,305	54,920	235,590
Accumulated Surplus (Retained Earnings) - Special Operating Agencies	1,345	2,690	1,293	1,018	1,465	963	926	8,355
Transfer from Sewage Disposal System Fund	5,180	3,610	6,850	4,500	5,085	5,100	5,100	30,245
External Debt	56,327	23,239	36,027	30,633	6,990	6,042	20,268	123,199
External Debt - Fleet	15,178	15,670	15,670	15,670	15,670	15,670	15,670	94,020
Internal Financing	1,440	1,500	1,000	500			3,922	6,922
Transfers from Other Capital Accounts / Surplus Capital	22,441	2,621	3,953	489	2,892	1,677		11,632
<b>TOTAL FINANCING SOURCES</b>	<b>369,452</b>	<b>386,429</b>	<b>391,296</b>	<b>359,563</b>	<b>333,702</b>	<b>385,617</b>	<b>422,142</b>	<b>2,278,749</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	ADOPTED		ADOPTED CAPITAL					6 YEAR
	BUDGET		BUDGET		FORECAST			TOTAL
	2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>FINANCING SOURCES</b>								
<b>Tax Supported, Transit and Municipal Accommodations</b>								
Cash to Capital	22,846	5,688	10,591	2,567	20,000	20,000	20,620	79,466
Frontage Levy	10,000	10,000	10,000	10,000	10,000	10,000	10,000	60,000
Public Private Partnership Annual Service / Financing Payments	(37,404)	(37,761)	(37,901)	(38,201)	(38,636)	(37,355)	(37,885)	(227,739)
Reserves:								
- Transit Bus Replacement					10,889	12,268	8,968	32,125
- Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass Payment	14,460	14,720	14,760	14,880	15,190	15,280	15,700	90,530
- Financial Stabilization	1,035	1,035	1,035	1,035				3,105
- Destination Marketing	236							
- Permit	1,215	1,947	1,019					2,966
- Land Operating	4,515	3,611	2,269	965	3,265	965	965	12,040
- Local Street Renewal	25,536	45,430	51,757	62,757	74,157	86,057	98,257	418,415
- Regional Street Renewal	28,800	41,538	47,838	49,838	51,838	53,938	56,138	301,128
Interim Financing / (Repayment)	(4,513)	(1,110)	129		(600)			(1,581)
Contributions from Other Levels of Government:								
- Federal Gas Tax	53,716	51,631	48,488	51,915	49,940	48,420	48,432	298,826
- Federal New Building Canada Fund	25,000	26,000	24,000	13,000				63,000
- Veterans Affairs Canada	800	700	150					850
- Province of Manitoba Strategic Infrastructure Funding		29,800	30,100	30,000				89,900
- Province of Manitoba Accelerated Regional Roads	15,000	29,100	29,100	9,800				68,000
- Shared Health Capital Grant	1,471	994	840	602	907	687	791	4,821
Other Funders:								
- Developer Funding / Developer Capacity Charges	2,586	188						188
- Future Services Account		200	200	200	200	200	200	1,200
- Sponsorship / Sponsor Winnipeg	48	48	48					96
External Debt	56,327	23,239	33,527	30,633	6,990	6,042	20,268	120,699
Internal Financing	1,440	1,500	1,000	500			3,922	6,922
Retained Earnings - Transit	5,639	1,500	1,500	2,100				5,100
Transfers from Other Capital Accounts / Surplus Capital	8,261	1,821	3,953	489	2,892	1,677		10,832
<b>Total Tax Supported, Transit and Municipal Accommodations</b>	<b>237,014</b>	<b>251,819</b>	<b>274,403</b>	<b>243,080</b>	<b>207,032</b>	<b>218,179</b>	<b>246,376</b>	<b>1,440,889</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	ADOPTED	ADOPTED CAPITAL						6 YEAR
	BUDGET	BUDGET	FORECAST					TOTAL
	2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>Self-Supporting Utilities</b>								
Reserves:								
- Sewer System Rehabilitation	7,000	17,500	18,000	18,500	21,000	21,000	21,000	117,000
- Water Meter Renewal						16,000	23,000	39,000
- Water Main Renewal	17,500	18,000	18,500	19,000	20,000	20,500	21,250	117,250
- Environmental Projects	31,610	32,000	30,000	28,000	32,000	26,500	31,500	180,000
- Landfill Rehabilitation	970	1,350	1,400	1,400	1,350	1,400	1,400	8,300
- Waste Diversion	1,800		250	650				900
Retained Earnings - Self-supporting Utilities	37,575	42,190	22,030	27,745	28,400	60,305	54,920	235,590
Transfer from Sewage Disposal System Fund	5,180	3,610	6,850	4,500	5,085	5,100	5,100	30,245
Developer Funding / Developer Capacity Charges		800	400		1,700		1,000	3,900
External Debt			2,500					2,500
Transfers from Other Capital Accounts	14,180	800						800
<b>Total Self-Supporting Utilities</b>	<b>115,815</b>	<b>116,250</b>	<b>99,930</b>	<b>99,795</b>	<b>109,535</b>	<b>150,805</b>	<b>159,170</b>	<b>735,485</b>
<b>Special Operating Agencies</b>								
Destination Marketing Reserve	100							
Accumulated Surplus (Retained Earnings)	1,345	2,690	1,293	1,018	1,465	963	926	8,355
External Debt - Fleet	15,178	15,670	15,670	15,670	15,670	15,670	15,670	94,020
<b>Total Special Operating Agencies</b>	<b>16,623</b>	<b>18,360</b>	<b>16,963</b>	<b>16,688</b>	<b>17,135</b>	<b>16,633</b>	<b>16,596</b>	<b>102,375</b>
<b>TOTAL FINANCING SOURCES</b>	<b>369,452</b>	<b>386,429</b>	<b>391,296</b>	<b>359,563</b>	<b>333,702</b>	<b>385,617</b>	<b>422,142</b>	<b>2,278,749</b>

CAPITAL PROJECT SUMMARY <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>CAPITAL PROJECTS LISTING</b>									
<b><u>PUBLIC WORKS</u></b>									
<b><u>Active Transportation Facilities</u></b>									
Pedestrian and Cycling Program									
- Cash to Capital		1,178		273		251	283	250	1,057
- Interim Financing from General Capital Fund / (Repayment) - Council authorized \$3.850 million in 2017 for Chief Peguis Trail - Kildonan Settlers Bridge Pedestrian and Cycling Improvements (Council September 27, 2017)		(2,365)	(1,062)	(423)					(1,485)
- Federal Gas Tax		2,874	2,675	2,100	1,700	1,400	1,400	2,071	11,346
- External Debt			314		190				504
- Transfer from Corporate Non-specified Capital Account		1,807							
- Transfer from Prior Year Authorization		128							
<b>Total Pedestrian and Cycling Program</b>	2-1	<b>3,622</b>	<b>1,927</b>	<b>1,950</b>	<b>1,890</b>	<b>1,651</b>	<b>1,683</b>	<b>2,321</b>	<b>11,422</b>
Tache Promenade									
- Cash to Capital		1,000							
- Interim Financing from General Capital Fund / (Repayment)		(1,000)							
<b>Total Tache Promenade</b>									
<b>Total Active Transportation Facilities</b>		<b>3,622</b>	<b>1,927</b>	<b>1,950</b>	<b>1,890</b>	<b>1,651</b>	<b>1,683</b>	<b>2,321</b>	<b>11,422</b>
<b><u>Street Improvements</u></b>									
Developer Payback - Various Locations									
- Cash to Capital		250							
- Federal Gas Tax		9,500	550						550
<b>Total Developer Payback - Various Locations</b>	2-5	<b>9,750</b>	<b>550</b>						<b>550</b>
Transportation Master Plan									
- Cash to Capital		30		20					20
- Federal Gas Tax		845	240	230	154	171		205	1,000
- External Debt			10						10
<b>Total Transportation Master Plan</b>	2-6	<b>875</b>	<b>250</b>	<b>250</b>	<b>154</b>	<b>171</b>		<b>205</b>	<b>1,030</b>
Traffic Signals Improvements									
- Frontage Levy		688							
Traffic Signals Loops									
- Frontage Levy	2-7	250	250	250	250	250	250	250	1,500
Permanent Traffic Monitoring Stations									
- Frontage Levy		623							
Traffic Signals Bases and Underground Renewal Program									
- Frontage Levy	2-8							1,500	1,500
Traffic Engineering Improvements - Various Locations									
- Frontage Levy		1,900	1,560	1,177	1,119	1,200	1,229	1,257	7,542
- Federal Gas Tax			100	138					238
- Developer Funding			188						188
- External Debt			400						400
<b>Total Traffic Engineering Improvements - Various Locations</b>	2-9	<b>1,900</b>	<b>2,248</b>	<b>1,315</b>	<b>1,119</b>	<b>1,200</b>	<b>1,229</b>	<b>1,257</b>	<b>8,368</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
Upgrade Noise Policies and Equipment Study									
- Federal Gas Tax	2-10					100			100
Inner-Ring Road - Functional Design									
- Federal Gas Tax	2-11					375	375		750
Salt and Sand Storage Shed									
- Federal Gas Tax	2-12					478			478
<b>Total Street Improvements</b>		<b>14,086</b>	<b>3,298</b>	<b>1,815</b>	<b>1,523</b>	<b>2,574</b>	<b>1,854</b>	<b>3,212</b>	<b>14,276</b>
Regional and Local Street Renewal - Council authorized first charges of up to \$84.5 million on all 2021 accelerated regional streets, up to \$0.500 million for Portage Av EB - St. Charles St to David St, up to \$1.000 million for University Ct - Pembina Hwy to Chancellor Matheson Dr, up to \$7.0 million for all Local Street Renewals, up to \$4.820 million for Sherwin Rd - Dublin Av to Notre Dame Av road renewal and bridge project, and up to \$2.100 million for Wellington Crescent Riverbank Stabilization project (Council March 20, 2020) for a total of \$99.92 million in 2020 or prior to the adoption of the 2021 capital budget.									
- Frontage Levy		269	2,329						2,329
- Federal New Building Canada Fund (Regional)		25,000	26,000	24,000	13,000				63,000
- Federal Gas Tax (Local)		8,314	6,721	11,862	1,885		4,889		25,357
- Province of Manitoba Accelerated Regional Roads		15,000	29,100	29,100	9,800				68,000
- Local Street Renewal Reserve		38,998	45,230	51,457	62,457	73,857	85,757	98,257	417,015
- Regional Street Renewal Reserve		35,338	41,338	45,676	49,538	46,917	53,638	48,856	285,963
- Reduction from the Regional and Local Street Renewal Reserves due to Province of Manitoba 2018 Roads Funding Shortfall		(20,000)							
- External Debt		22,817							
- Prior Years Surplus		2,000	1,250						1,250
- Developer Funding		2,586							
- Future Services Account			200	200	200	200	200	200	1,200
<b>Total Regional and Local Street Renewal</b>	2-13	<b>130,322</b>	<b>152,168</b>	<b>162,295</b>	<b>136,880</b>	<b>120,974</b>	<b>144,484</b>	<b>147,313</b>	<b>864,114</b>
<b><u>Waterway Crossings and Grade Separations</u></b>									
Dublin Avenue Bridge (Omand's Creek)									
- Frontage Levy		3,300							
Pembina Highway Overpass (Bishop Grandin) Rehabilitation									
- Frontage Levy					500	500	4,544		5,544
- Regional Street Renewal Reserve						621			621
- Federal Gas Tax					500	879	12,856		14,235
<b>Total Pembina Highway Overpass (Bishop Grandin) Rehabilitation</b>	2-27				<b>1,000</b>	<b>2,000</b>	<b>17,400</b>		<b>20,400</b>
Osborne Street Underpass									
- Frontage Levy							500		500
- Federal Gas Tax							600		600
<b>Total Osborne Street Underpass</b>	2-28						<b>1,100</b>		<b>1,100</b>
St. Vital Bridge Rehabilitation									
- Frontage Levy			2,000	3,973	4,531	4,550			15,054
- Regional Street Renewal Reserve				1,501		4,000			5,501
- Federal Gas Tax				600	11,069	14,650			26,319
<b>Total St. Vital Bridge Rehabilitation</b>	2-29		<b>2,000</b>	<b>6,074</b>	<b>15,600</b>	<b>23,200</b>			<b>46,874</b>

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		2020	2021	2022	2023	2024	2025	2026	2021-2026	
Lagimodiere Twin Overpasses Rehabilitation (Concordia Avenue & CPR Keewatin)										
- Frontage Levy				1,000			500		2,718	4,218
- Regional Street Renewal Reserve				361					7,282	7,643
- Federal Gas Tax				639			1,500		10,000	12,139
<b>Total Lagimodiere Twin Overpasses Rehabilitation (Concordia Avenue &amp; CPR Keewatin)</b>	2-30			<b>2,000</b>			<b>2,000</b>		<b>20,000</b>	<b>24,000</b>
Waterway Crossing and Grade Separations - Annual Program										
- Frontage Levy		2,970	3,113	2,400	2,400	2,400	2,400	2,400	2,400	15,113
- Federal Gas Tax								549	1,500	2,049
- Regional Street Renewal Reserve			200	300	300	300	300	300		1,400
- Local Street Renewal Reserve			200	300	300	300	300	300		1,400
<b>Total Waterway Crossing and Grade Separations - Annual Program</b>	2-31	<b>2,970</b>	<b>3,513</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,549</b>	<b>3,900</b>	<b>19,962</b>
Disraeli Bridge and Overpass Facility										
- Cash to Capital		650					600			600
- Frontage Levy			348	600	600			600	400	2,548
- Federal Gas Tax		12,467	12,822	12,625	12,725	12,737	12,795	13,055		76,759
- Public Private Partnership Annual Service / Financing Payments		(11,931)	(11,984)	(12,039)	(12,139)	(12,151)	(12,209)	(12,269)		(72,791)
- Debt servicing - repayment of debt		(1,186)	(1,186)	(1,186)	(1,186)	(1,186)	(1,186)	(1,186)		(7,116)
<b>Total Disraeli Bridge and Overpass Facility</b>	2-32									
Charleswood Bridge										
- Cash to Capital		1,478	1,478	1,478	1,478	1,478				5,912
- Public Private Partnership Lease Payments		(1,478)	(1,478)	(1,478)	(1,478)	(1,478)				(5,912)
<b>Total Charleswood Bridge</b>	2-34									
<b>Total Waterway Crossings and Grade Separations</b>		<b>6,270</b>	<b>5,513</b>	<b>11,074</b>	<b>19,600</b>	<b>30,200</b>	<b>22,049</b>	<b>23,900</b>		<b>112,336</b>
<b><u>New Transportation Facilities</u></b>										
Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard										
- Cash to Capital		1,250	200	16				123		339
- Frontage Levy			400	600	600	600	477	1,475		4,152
- Federal Gas Tax		6,043	6,737	6,766	6,829	6,876	6,925	6,100		40,233
- Public Private Partnership Annual Service / Financing Payments		(6,314)	(6,358)	(6,403)	(6,450)	(6,497)	(6,546)	(6,596)		(38,850)
- Debt servicing - repayment of debt		(979)	(979)	(979)	(979)	(979)	(979)	(979)		(5,874)
<b>Total Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard</b>	2-35									
<b>Total New Transportation Facilities</b>										
<b><u>Other Streets Projects</u></b>										
Asset Management System - Various Divisions										
- Cash to Capital		75		75		75	75	75	75	300
- Federal Gas Tax		25	25	25	25	25	25	25	25	150
- External Debt			75		75					150
<b>Total Asset Management System - Various Divisions</b>	2-37	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>600</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
Land Acquisition - Transportation Right of Way									
- Cash to Capital		950							
- Transfer from Prior Year Authorization		230							
Total Land Acquisition - Transportation Right of Way		1,180							
<b>Total Other Streets Projects</b>		1,280	100	100	100	100	100	100	600
<b>TOTAL STREETS PROJECTS</b>		155,580	163,006	177,234	159,993	155,499	170,170	176,846	1,002,748
<b><i>Parks and Open Space</i></b>									
Reforestation - Improvements									
- Cash to Capital		50		383		383	383	383	1,532
- External Debt		333	383		383				766
Total Reforestation - Improvements	2-38	383	383	383	383	383	383	383	2,298
Regional Parks									
- Federal Gas Tax			1,100	300	1,569			2,005	4,974
- External Debt			175		41				216
Total Regional Parks	2-39		1,275	300	1,610			2,005	5,190
Community and Neighbourhood Parks									
- Federal Gas Tax	2-40							1,800	1,800
Parks Buildings									
- Federal Gas Tax			2,642				375	245	3,262
- External Debt			378						378
Total Parks Buildings	2-41		3,020				375	245	3,640
Parks and Recreation Enhancement Program									
- Cash to Capital		1,464				300	300		600
- Federal Gas Tax		1,089	1,716	1,890	1,450			1,264	6,320
- External Debt			384		281				665
Total Parks and Recreation Enhancement Program	2-42	2,553	2,100	1,890	1,731	300	300	1,264	7,585
Rainbow Stage									
- Federal Gas Tax	2-44				1,500	1,500			3,000
Urban Forest Enhancement Program									
- Cash to Capital		959				805	3,630	3,980	8,415
- Federal Gas Tax		4,432	2,503	3,083	4,500			495	10,581
- Province of Manitoba Strategic Infrastructure Funding			3,297	2,717	1,300				7,314
- External Debt						584			584
- Interim Financing from General Capital Fund / (Repayment)		(1,100)							
- Transfer from Corporate Non-specified Capital Account		1,868							
Total Urban Forest Enhancement Program	2-45	6,159	5,800	5,800	5,800	1,389	3,630	4,475	26,894
<b>Total Parks and Open Space</b>		9,095	12,578	8,373	11,024	3,572	4,688	10,172	50,407
<b>TOTAL PUBLIC WORKS</b>		164,675	175,584	185,607	171,017	159,071	174,858	187,018	1,053,155

CAPITAL PROJECT SUMMARY <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL					6 YEAR	
		BUDGET	BUDGET		FORECAST			TOTAL	
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>COMMUNITY SERVICES</b>									
Library Facility Safety, Security and Accessibility Improvements Program									
- Cash to Capital								300	300
- Federal Gas Tax			150	100					250
- External Debt			150						150
- Transfer from Prior Year Authorization						200			200
<b>Total Library Facility Safety, Security and Accessibility Improvements Program</b>	2-46		<b>300</b>	<b>100</b>		<b>200</b>		<b>300</b>	<b>900</b>
Library Refurbishment & Interior Infrastructure Program									
- Cash to Capital								450	450
- Federal Gas Tax						299			299
- Transfer from Prior Year Authorization						351			351
<b>Total Library Refurbishment &amp; Interior Infrastructure Program</b>	2-47					<b>650</b>		<b>450</b>	<b>1,100</b>
Library Technology Upgrade and Replacement Program									
- Cash to Capital								350	350
- Federal Gas Tax						8			8
- External Debt		67				317			317
- Transfer from Prior Year Authorization		116							
<b>Total Library Technology Upgrade and Replacement Program</b>	2-48	<b>183</b>				<b>325</b>		<b>350</b>	<b>675</b>
Library Facility Redevelopment - West Kildonan Library									
- Land Operating Reserve			696	1,304					2,000
- Federal Gas Tax			242						242
- Province of Manitoba Strategic Infrastructure Funding				1,471					1,471
<b>Total Library Facility Redevelopment - West Kildonan Library</b>	2-49		<b>938</b>	<b>2,775</b>					<b>3,713</b>
South Winnipeg Recreation Campus: Library and Site Development									
- Federal Gas Tax	2-50							1,500	1,500
Recreational Facility Safety, Security and Accessibility Improvements Program									
- Cash to Capital								190	498
- Federal Gas Tax			73		150	108			331
- External Debt			50						50
- Transfer from Prior Year Authorization			112	130		171			413
<b>Total Recreational Facility Safety, Security and Accessibility Improvements Program</b>	2-51		<b>235</b>	<b>130</b>	<b>150</b>	<b>279</b>	<b>190</b>	<b>308</b>	<b>1,292</b>
Fitness Equipment Upgrade Program									
- Cash to Capital								326	666
- Federal Gas Tax		285	300	295	178	255	4		1,032
- Transfer from Prior Year Authorization					132	65			197
<b>Total Fitness Equipment Upgrade Program</b>	2-52	<b>285</b>	<b>300</b>	<b>295</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>340</b>	<b>1,895</b>

CAPITAL PROJECT SUMMARY (in Thousands of \$)	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
St. James Civic Centre - Facility Renewal									
- Federal Gas Tax		1,400							
- External Debt		2,300							
Total St. James Civic Centre - Facility Renewal		3,700							
St. James Community Recreation Amenities									
- Land Operating Reserve		1,400							
Boni-Vital Pool - First charge against the 2021 Capital Budget of up to \$500,000 (Council March 20, 2020)									
- Federal Gas Tax	2-53		5,360						5,360
Repair and Renovation of Pan Am Pool Universal Change Rooms									
- Federal Gas Tax	2-54		940						940
East of the Red RecPlex	2-55						1,000		1,000
Southeast Winnipeg New Community Centre and Library									
- Cash to Capital								250	250
- Federal Gas Tax								132	132
Total Southeast Winnipeg New Community Centre and Library	2-56							382	382
Technology Advancement Program									
- Cash to Capital						310		300	610
- External Debt			100						100
Total Technology Advancement Program	2-57		100			310		300	710
Community Centre Renovation Grant Program (CCRGP)									
- Financial Stabilization Reserve		1,035	1,035	1,035	1,035				3,105
- Land Operating Reserve		965	965	965	965	965	965	965	5,790
Total Community Centre Renovation Grant Program (CCRGP)	2-58	2,000	2,000	2,000	2,000	965	965	965	8,895
Community Incentive Grant Program (CIGP)									
- Cash to Capital		1,000							
- External Debt			1,000	1,000					2,000
Total Community Incentive Grant Program (CIGP)	2-59	1,000	1,000	1,000					2,000
Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability									
- Cash to Capital		2,600				1,690	2,000	2,000	5,690
- External Debt		2,000	2,000	1,000	1,683	3,400	3,400	3,400	14,883
- Federal Gas Tax				1,000					1,000
- Province of Manitoba Strategic Infrastructure Funding			3,100	3,400	3,400				9,900
- Transfer from Prior Year Authorization					317	310			627
Total Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability	2-60	4,600	5,100	5,400	5,400	5,400	5,400	5,400	32,100
Recreation and Library Facility Investment Strategy									
- Province of Manitoba Strategic Infrastructure Funding	2-61		16,700	16,700	16,600				50,000
Millennium Library Community Connections Space									
- Destination Marketing Reserve		236							
<b>TOTAL COMMUNITY SERVICES</b>		<b>13,404</b>	<b>32,973</b>	<b>28,400</b>	<b>24,785</b>	<b>8,124</b>	<b>8,235</b>	<b>9,945</b>	<b>112,462</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL					6 YEAR	
		BUDGET	BUDGET		FORECAST			TOTAL	
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>WINNIPEG POLICE SERVICE</b>									
East District Police Station									
- Cash to Capital		1,056	1,056	1,056	1,089	1,155	1,155	1,155	6,666
- Public Private Partnership Lease Payments		(1,056)	(1,056)	(1,056)	(1,089)	(1,155)	(1,155)	(1,155)	(6,666)
Total East District Police Station	2-64								
Evidence Archival Building - Tenant Improvement									
- External Debt		500							
Computer Assisted Dispatch Upgrade									
- Cash to Capital		325						410	410
- External Debt					375				375
Total Computer Assisted Dispatch Upgrade	2-65	325			375			410	785
Next Generation 911									
- Cash to Capital		800	914						914
- External Debt			86						86
Total Next Generation 911	2-66	800	1,000						1,000
911 Renewal	2-67							2,151	2,151
Communication Sites Upgrade - Media Logger (formerly Communication Sites Upgrade - Audio Loggers)	2-68			1,453					1,453
Building Security System Evergreening									
- External Debt	2-69				159				159
Schedule and Management System Upgrade	2-70		500						500
Communication Sites - Radio Consoles/Batteries	2-71					575			575
North Station Information Technology Requirements	2-72		190						190
Flight Operations Overhaul	2-73			602					602
Flight Operations - Forward Looking Infra-Red (FLIR) Equipment	2-74			792					792
Automated Fingerprint Identification System (AFIS)	2-75		500						500
Technology Upgrades - Information Systems	2-76					1,325	112		1,437
North District Station - Furniture, Fixtures, and Equipment	2-77		700						700
In Car Computing	2-78	500					1,736	1,544	3,280
Evidence Archive Building - Racking System									
- External Debt		841							
Pistol Replacement									
- Internal Financing	2-79						1,487		1,487
Police Headquarters Information System Upgrades									
- External Debt			2,100						2,100
- Internal Financing							2,435		2,435
Total Police Headquarters Information System Upgrades	2-80		2,100				2,435		4,535
Indoor Firing Range - Facility Study (formerly Indoor Firing Range)									
- External Debt	2-81				150				150
Active Shooter Response Training Facility									
- External Debt	2-82				150				150

CAPITAL PROJECT SUMMARY (in Thousands of \$)	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
E-ticketing Hardware	2-83					375			375
Vehicle Inspections - Weigh Scale	2-84						250		250
Police Vehicle Operations - Facility Track Replacement (formerly Police Vehicle Operations - Facility)									
- Cash to Capital				1,800					1,800
- External Debt					1,200				1,200
Total Police Vehicle Operations - Facility Track Replacement	2-85			1,800	1,200				3,000
Technological Crime Infrastructure	2-86					380			380
Call Answer Software									
- External Debt	2-87				1,000				1,000
Technical Surveillance Systems	2-88			400					400
<b>TOTAL WINNIPEG POLICE SERVICE</b>		<b>2,966</b>	<b>4,990</b>	<b>5,047</b>	<b>3,034</b>	<b>2,655</b>	<b>2,098</b>	<b>8,027</b>	<b>25,851</b>
<b><u>FIRE PARAMEDIC SERVICE</u></b>									
Facility Optimization - St. Boniface Industrial Area and Windsor Park Station Consolidation									
- External Debt				12,839					12,839
- Interim Financing from Land Operating Reserve / (Repayment)				600			(600)		
- Land Operating Reserve						600			600
Total Facility Optimization - St. Boniface Industrial Area and Windsor Park Station Consolidation	2-89			13,439					13,439
Facility Optimization - Waverley West Station									
- External Debt	2-91	1,192			10,927				10,927
Equipment Obsolescence									
- External Debt		4,501	669	1,677	180	205	142	4,288	7,161
- Shared Health Capital Grant		731	812	840	602	785	687	450	4,176
- External Debt on Behalf of Shared Health				1,327				2,443	3,770
Total Equipment Obsolescence	2-92	5,232	1,481	3,844	782	990	829	7,181	15,107
Station Capital Maintenance									
- External Debt		1,504	552			370		1,033	1,955
- Shared Health Capital Grant		633	182			122		341	645
- External Debt on Behalf of Shared Health		2,444							
Total Station Capital Maintenance	2-94	4,581	734			492		1,374	2,600
Emergency Vehicle Pre-emption									
- External Debt	2-96		189						189
Business Continuity Software	2-97		150						150
Emergency Medical Services (EMS) Training Equipment									
- Shared Health Capital Grant		107							
<b>TOTAL FIRE PARAMEDIC SERVICE</b>		<b>11,112</b>	<b>2,554</b>	<b>17,283</b>	<b>11,709</b>	<b>1,482</b>	<b>829</b>	<b>8,555</b>	<b>42,412</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b><u>PLANNING, PROPERTY AND DEVELOPMENT</u></b>									
Computer Automation									
- Cash to Capital		106					100		100
- External Debt			100						100
Total Computer Automation	2-98	106	100			100			200
Cemeteries - Improvements									
- Cash to Capital		248						100	100
- External Debt			236						236
- Veterans Affairs Canada		800	700	150					850
Total Cemeteries - Improvements	2-99	1,048	936	150				100	1,186
Downtown Enhancement Program									
- Cash to Capital				200		237	151	127	715
- External Debt					128				128
Total Downtown Enhancement Program	2-100			200	128	237	151	127	843
Business Improvement Zones, Image Routes and Neighbourhood Main Streets	2-102	352		126			151	100	377
Public Art Strategy									
- Cash to Capital		325		125					125
- External Debt			125		125				250
Total Public Art Strategy	2-103	325	125	125	125				375
Developer Payback									
- Cash to Capital								100	100
- External Debt			137		100				237
Total Developer Payback	2-104		137		100			100	337
Riverbank Stabilization - Physical Asset Protection									
- Cash to Capital		500							
- External Debt			100						100
- Transfer from Prior Year Authorization		1,641							
Total Riverbank Stabilization - Physical Asset Protection	2-105	2,141	100						100
Golf Lands Repurposing Review and Recreation Amenities		1,000							
Digital Permitting									
- Permit Reserve	2-107	1,215	1,947	1,019					2,966
<b>TOTAL PLANNING, PROPERTY AND DEVELOPMENT</b>		<b>6,187</b>	<b>3,345</b>	<b>1,620</b>	<b>353</b>	<b>337</b>	<b>302</b>	<b>427</b>	<b>6,384</b>

CAPITAL PROJECT SUMMARY (in Thousands of \$)	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>MUNICIPAL ACCOMMODATIONS</b>									
Transcona Centennial Pool - Transfer from Prior Year Authorization		100							
Sherbrook Pool - Kinsmen Club of Winnipeg (Sponsor Winnipeg) - Interim Financing from General Capital Fund / (Repayment)		48 (48)	48 (48)	48 (48)					96 (96)
Total Sherbrook Pool	2-108								
Strategic Facilities Master Plan - Land Operating Reserve	2-110	450	250						250
Carlton Walkways - External Debt		2,344							
Health / Life Safety / Emergency Systems Refurbishment / City-wide Accessibility - Cash to Capital - Land Operating Reserve - Federal Gas Tax - External Debt - Transfer from Prior Year Authorization		113 1,700	1,700	100 831	646 687	1,700 960	943	1,828	2,771 3,400 2,114 3,091 413
Total Health / Life Safety / Emergency Systems Refurbishment / City-wide Accessibility	2-111	1,813	3,686	931	1,333	2,660	943	2,236	11,789
<b>TOTAL MUNICIPAL ACCOMMODATIONS</b>		<b>4,707</b>	<b>3,936</b>	<b>931</b>	<b>1,333</b>	<b>2,660</b>	<b>943</b>	<b>2,236</b>	<b>12,039</b>
<b>CITY CLERKS</b>									
Corporate Records Centre	2-113			100					100
Election Systems - Cash to Capital - External Debt				110			100	200	410 100
Total Election Systems	2-114		100	110			100	200	510
Audio / Video Equipment Replacement - External Debt	2-115				100				100
<b>TOTAL CITY CLERKS</b>			<b>100</b>	<b>210</b>	<b>100</b>		<b>100</b>	<b>200</b>	<b>710</b>

CAPITAL PROJECT SUMMARY <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b><u>INNOVATION, TRANSFORMATION AND TECHNOLOGY</u></b>									
Innovation Strategy									
- Cash to Capital		500							
- Internal Financing		500	750	500	250				1,500
- Transfer from Prior Year Authorization		360							
Total Innovation Strategy	2-116	1,360	750	500	250				1,500
Smart Cities Innovation Program									
- Cash to Capital		500							
- Internal Financing		500	750	500	250				1,500
Total Smart Cities Innovation Program	2-118	1,000	750	500	250				1,500
Enterprise Computing Initiatives									
- Cash to Capital				230		574	800	904	2,508
- External Debt		1,962	1,105	942	319				2,366
- Transfer from Prior Year Authorization				2,290		281			2,571
Total Enterprise Computing Initiatives	2-120	1,962	1,105	3,462	319	855	800	904	7,445
Communications Network Infrastructure									
- Cash to Capital				165		476	99	266	1,006
- External Debt		385	349	21	923				1,293
- Transfer from Prior Year Authorization			46	998		405	461		1,910
Total Communications Network Infrastructure	2-121	385	395	1,184	923	881	560	266	4,209
Printing Graphics & Mail Services Asset Renewal									
- External Debt	2-122		396						396
Microsoft Office License Evergreen									
- Cash to Capital						243			243
- External Debt		711							
- Transfer from Prior Year Authorization				113		469			582
Total Microsoft Office License Evergreen	2-123	711		113		712			825
Geographic Information System Aerial Image Renewal Program									
- Cash to Capital							24		24
- External Debt			188						188
- Transfer from Prior Year Authorization							187		187
Total Geographic Information System Aerial Image Renewal Program	2-124		188				211		399
Information Security Initiatives									
- Cash to Capital							203	100	303
- External Debt		136	194		104				298
- Transfer from Prior Year Authorization				140	40	640	776		1,596
Total Information Security Initiatives	2-125	136	194	140	144	640	979	100	2,197

CAPITAL PROJECT SUMMARY (in Thousands of \$)	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
Enterprise Content Management									
- Cash to Capital		660							
- Internal Financing		440							
Total Enterprise Content Management		1,100							
Microsoft Development Network Software Renewal									
- Cash to Capital							55		55
- Transfer from Prior Year Authorization				282			253		535
Total Microsoft Development Network Software Renewal	2-126			282			308		590
Corporate VoIP Phone System									
- External Debt	2-127		160						160
Intake Program									
- External Debt		111							
- Transfer from Prior Year Authorization		11							
Total Intake Program		122							
<b>TOTAL INNOVATION, TRANSFORMATION AND TECHNOLOGY</b>		<b>6,776</b>	<b>3,938</b>	<b>6,181</b>	<b>1,886</b>	<b>3,088</b>	<b>2,858</b>	<b>1,270</b>	<b>19,221</b>
<b><u>CUSTOMER SERVICE AND COMMUNICATIONS</u></b>									
311 Renewal									
- Cash to Capital		122						107	107
- External Debt			100		100				200
Total 311 Renewal	2-128	122	100		100			107	307
<b>TOTAL CUSTOMER SERVICE AND COMMUNICATIONS</b>		<b>122</b>	<b>100</b>		<b>100</b>			<b>107</b>	<b>307</b>
<b><u>ASSESSMENT AND TAXATION</u></b>									
Assessment Automation									
- Cash to Capital				312		250	312	350	1,224
- External Debt			237						237
Total Assessment Automation	2-129		237	312		250	312	350	1,461
Local Improvements - Ongoing Program									
- Cash to Capital				100			100	50	250
- External Debt		630	350		480	147		200	1,177
Total Local Improvements - Ongoing Program	2-130	630	350	100	480	147	100	250	1,427
<b>TOTAL ASSESSMENT AND TAXATION</b>		<b>630</b>	<b>587</b>	<b>412</b>	<b>480</b>	<b>397</b>	<b>412</b>	<b>600</b>	<b>2,888</b>
<b><u>TRANSIT</u></b>									
Transit Information Technology Program									
- Cash to Capital				325		325	325	500	1,475
- External Debt			500		500				1,000
Total Transit Information Technology Program	2-131		500	325	500	325	325	500	2,475

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	<b>PAGE NO.</b>	<b>ADOPTED</b>	<b>ADOPTED CAPITAL</b>						<b>6 YEAR TOTAL</b>	
		<b>BUDGET</b>	<b>BUDGET</b>		<b>FORECAST</b>					
		<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2021-2026</b>	
Transit Building Replacement / Refurbishment										
- Cash to Capital		336					881	600	600	2,081
- External Debt			600	600	828					2,028
<b>Total Transit Building Replacement / Refurbishment</b>	2-132	<b>336</b>	<b>600</b>	<b>600</b>	<b>828</b>	<b>881</b>	<b>600</b>	<b>600</b>		<b>4,109</b>
Transit Roof Replacement and Ventilation Upgrade										
- External Debt	2-133	1,500	1,947	1,500	1,500	1,800				6,747
Transit Buses										
- Cash to Capital		1,969				3,946	3,774	942		8,662
- Transit Bus Replacement Reserve						10,889	12,268	8,968		32,125
- Federal Gas Tax		6,442	6,735	6,735	7,027	7,627	7,627	7,627		43,378
- Province of Manitoba Strategic Infrastructure Funding			6,703	5,812	8,700					21,215
- External Debt		8,549	4,177	9,190	7,178			5,854		26,399
- Retained Earnings		4,000								
<b>Total Transit Buses</b>	2-134	<b>20,960</b>	<b>17,615</b>	<b>21,737</b>	<b>22,905</b>	<b>22,462</b>	<b>23,669</b>	<b>23,391</b>		<b>131,779</b>
Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass										
- Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass Payment Reserve		14,460	14,720	14,760	14,880	15,190	15,280	15,700		90,530
- P3 Annual Service / Financing Payments (City)		(11,070)	(11,330)	(11,370)	(11,490)	(11,800)	(11,890)	(12,310)		(70,190)
- External Debt Annual Service Payments (City)		(3,390)	(3,390)	(3,390)	(3,390)	(3,390)	(3,390)	(3,390)		(20,340)
<b>Total Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass</b>	2-135									
Accessibility Program										
- Cash to Capital		500		250		250	250	250	250	1,000
- External Debt			250		250					500
<b>Total Accessibility Program</b>	2-137	<b>500</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>		<b>1,500</b>
Heavy Shop Equipment Replacement Program										
- Cash to Capital				200		200	200	200	200	800
- External Debt			200		200					400
<b>Total Heavy Shop Equipment Replacement Program</b>	2-138		<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>		<b>1,200</b>
Hoist Replacement at Fort Rouge Garage										
- Cash to Capital						2,816				2,816
- External Debt		1,500	1,100	2,600		484	2,500	3,050		9,734
<b>Total Hoist Replacement at Fort Rouge Garage</b>	2-139	<b>1,500</b>	<b>1,100</b>	<b>2,600</b>		<b>3,300</b>	<b>2,500</b>	<b>3,050</b>		<b>12,550</b>
Heated Bus Shelter Program										
- Retained Earnings	2-140	1,500	1,500	1,500	1,500					4,500
Transit Improvements										
- Retained Earnings	2-141				600					600
Low Income Bus Pass										
- Retained Earnings		139								
<b>TOTAL TRANSIT</b>		<b>26,435</b>	<b>23,712</b>	<b>28,712</b>	<b>28,283</b>	<b>29,218</b>	<b>27,544</b>	<b>27,991</b>		<b>165,460</b>

CAPITAL PROJECT SUMMARY <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b>WATERWORKS SYSTEM</b>									
<b><i>Waterworks System - Supply and Treatment</i></b>									
<b>Financed by Waterworks Retained Earnings:</b>									
Shoal Lake Aqueduct Condition Assessment and Rehabilitation	2-142	200	520	2,000	1,030	1,650	3,700		8,900
Shoal Lake Aqueduct Intake Facility Rehabilitation	2-143		600	3,600	3,550		1,000	2,900	11,650
Branch Aqueduct Condition Assessment and Rehabilitation									
- Retained Earnings			300		1,000		1,000		2,300
- Transfer from Prior Year Authorization - Retained Earnings		1,000							
Total Branch Aqueduct Condition Assessment and Rehabilitation	2-144	1,000	300		1,000		1,000		2,300
Tache Booster Pumping Station	2-145		1,000		350				1,350
Pumping Stations and Reservoirs Structural Upgrades									
- Retained Earnings		800							
- Transfer from Prior Year Authorization - Retained Earnings			400						400
Total Pumping Stations and Reservoirs Structural Upgrades	2-146	800	400						400
Chlorination Upgrading at Pumping Stations	2-147		800		4,800				5,600
Water Supervisory Control and Data Acquisition (SCADA) Upgrade		2,690							
Waterworks System Security Upgrades		500							
Regulatory Assessment of Water System Infrastructure and Supply Sources	2-148		575					700	1,275
Deacon Reservoir Cell Rehabilitation	2-149							100	100
Deacon Booster Pumping Station Suction Header Divider Wall and Valve	2-150			350	985				1,335
Deacon Site Flood Protection									
- Retained Earnings		25							
- Transfer from Prior Year Authorization - Retained Earnings		1,825							
Total Deacon Site Flood Protection		1,850							
HVAC Upgrades at Pumping Stations		4,090							
Ultraviolet Light Disinfection System Upgrade									
- Retained Earnings			1,735						1,735
- Transfer from Prior Year Authorization - Retained Earnings		855							
Total Ultraviolet Light Disinfection System Upgrade	2-151	855	1,735						1,735
Discharge Meter Upgrades at the In-town Pumping Stations	2-152				550	2,150			2,700
Water Treatment Plant Asset Refurbishment and Replacement Program	2-153	470	5,530						5,530
Water Treatment Plant Programmable Logic Controllers Upgrade	2-154			350					350
Pumping Stations Reliability Upgrades	2-155			480					480
Study of Backup Power Supply for the Hurst Pumping Station	2-156			580					580
<b>Total Waterworks System - Supply and Treatment</b>		<b>12,455</b>	<b>11,460</b>	<b>7,360</b>	<b>12,265</b>	<b>3,800</b>	<b>5,700</b>	<b>3,700</b>	<b>44,285</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	<b>PAGE NO.</b>	<b>ADOPTED BUDGET</b>		<b>ADOPTED CAPITAL FORECAST</b>					<b>6 YEAR TOTAL</b>
		<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2021-2026</b>
		<b><u>Waterworks System - Distribution</u></b>							
<b>Financed by Waterworks Retained Earnings:</b>									
Feeder Main Condition Assessment and Rehabilitation	2-157	3,550	360	200	2,300	1,750	500	1,300	6,410
Water Meter Renewals		450							
- Retained Earnings									
- Water Meter Renewal Reserve							16,000	23,000	39,000
<b>Total Water Meter Renewals</b>	2-158	<b>450</b>					<b>16,000</b>	<b>23,000</b>	<b>39,000</b>
Water Main Renewals									
- Water Main Renewal Reserve	2-159	17,500	18,000	18,500	19,000	20,000	20,500	21,250	117,250
Customer Billing and Work Management Systems Upgrades Program	2-160	1,045	2,200	350	550	750	600	2,050	6,500
Application and Data Integration	2-161	250	250	350	400	565	515	320	2,400
Digital Enablement for Plant and Field Employees	2-162	1,300	750	750	750	500	500	250	3,500
Laboratory Information Management System Upgrade and Enhancement		1,050							
<b>Total Waterworks System - Distribution</b>		<b>25,145</b>	<b>21,560</b>	<b>20,150</b>	<b>23,000</b>	<b>23,565</b>	<b>38,615</b>	<b>48,170</b>	<b>175,060</b>
<b>TOTAL WATERWORKS SYSTEM (Utility Supported)</b>		<b>37,600</b>	<b>33,020</b>	<b>27,510</b>	<b>35,265</b>	<b>27,365</b>	<b>44,315</b>	<b>51,870</b>	<b>219,345</b>
<b><u>SEWAGE DISPOSAL SYSTEM</u></b>									
<b><u>Sewage Disposal System - Treatment</u></b>									
<b>Financed by Sewage Disposal System Retained Earnings:</b>									
Sludge Drying Beds Decommissioning	2-163					375			375
Process Control System Master Plan and Upgrade	2-164						3,000	9,500	12,500
Asset Refurbishment and Replacement Program	2-165	6,000	5,000	2,000	5,000	5,000	5,000	5,000	27,000
West End Sewage Treatment Plant (WEWPCC) - Facilities Plan	2-166		500						500
<b>Total Sewage Disposal System - Treatment</b>		<b>6,000</b>	<b>5,500</b>	<b>2,000</b>	<b>5,000</b>	<b>5,375</b>	<b>8,000</b>	<b>14,500</b>	<b>40,375</b>

CAPITAL PROJECT SUMMARY (in Thousands of \$)	PAGE NO.	ADOPTED	ADOPTED CAPITAL						6 YEAR
		BUDGET	BUDGET		FORECAST				TOTAL
		2020	2021	2022	2023	2024	2025	2026	2021-2026
<b><u>Sewage Disposal System - Collection</u></b>									
<b>Financed by Sewage Disposal System Retained Earnings:</b>									
Arc Flash Hazard Analysis and Remediation	2-167	385	320	270					590
D'Arcy Lift Station Load Shedding Upgrade									
- Retained Earnings			400						400
- Transfer from Prior Year Authorization			400						400
Total D'Arcy Lift Station Load Shedding Upgrade	2-168		800						800
Lift Stations Upgrading	2-169	2,925	6,250	6,250	3,250	6,500	7,000	6,000	35,250
River Crossings Monitoring and Rehabilitation	2-170	6,200	9,400	2,500	730		625		13,255
Combined Sewer Overflow and Basement Flood Management Strategy									
- Environmental Projects Reserve	2-171	31,610	32,000	30,000	28,000	32,000	26,500	31,500	180,000
Comminutor Chamber Rehabilitation Program		1,300							
Southwest Interceptor (formerly South West Interceptor River Crossing)	2-172					5,000	35,000	20,000	60,000
Wastewater Services Facilities Plan		350							
Environmental Standards Laboratory Facility Plan	2-173					530			530
Supervisory Control and Data Acquisition (SCADA) Upgrades for Collection System	2-174							500	500
Sewer Renewals									
- Sewer System Rehabilitation Reserve		7,000	17,500	18,000	18,500	21,000	21,000	21,000	117,000
- Transfer from Prior Year Authorization		10,000							
Total Sewer Renewals	2-175	17,000	17,500	18,000	18,500	21,000	21,000	21,000	117,000
Departmental Levels of Service Framework		200							
Water and Waste Department (WWD) Business Intelligence	2-176	1,050	1,550	300	300	1,100	550	1,450	5,250
Customer Billing and Work Management Systems Upgrades Program	2-177	1,045	2,200	350	550	750	600	2,050	6,500
Digital Customer Solutions	2-178	500	500	350	350	715	715	300	2,930
WWD Document Management System	2-179	500	250	250					500
WWD Learning Management System	2-180					565			565
<b>Total Sewage Disposal System - Collection</b>		<b>63,065</b>	<b>70,770</b>	<b>58,270</b>	<b>51,680</b>	<b>68,160</b>	<b>91,990</b>	<b>82,800</b>	<b>423,670</b>
<b>TOTAL SEWAGE DISPOSAL SYSTEM (Utility Supported)</b>		<b>69,065</b>	<b>76,270</b>	<b>60,270</b>	<b>56,680</b>	<b>73,535</b>	<b>99,990</b>	<b>97,300</b>	<b>464,045</b>

CAPITAL PROJECT SUMMARY <i>(in Thousands of \$)</i>	PAGE NO.	ADOPTED CAPITAL							6 YEAR TOTAL 2021-2026
		ADOPTED BUDGET	FORECAST						
		2020	2021	2022	2023	2024	2025	2026	
<b>SOLID WASTE DISPOSAL SYSTEM</b>									
<i>Solid Waste Disposal System - Landfill</i>									
<b>Financed by Landfill Rehabilitation Reserve:</b>									
Brady Road Resource Management Facility - Cell Construction - Retained Earnings	2-181	700	1,200	750	1,300	500		2,500	6,250
Brady Road Resource Management Facility - Alternative Energy Project - External Debt	2-182			2,500					2,500
Closed Landfill Site Improvement	2-183	970	100	100	100				300
Soil Fabrication for Landfill Cover	2-184		1,250	1,300	1,300	1,350	1,400	1,400	8,000
<b>Total Solid Waste Disposal System - Landfill</b>		<b>1,670</b>	<b>2,550</b>	<b>4,650</b>	<b>2,700</b>	<b>1,850</b>	<b>1,400</b>	<b>3,900</b>	<b>17,050</b>
<i>Solid Waste Disposal System - Collection</i>									
<b>Financed by Solid Waste Disposal Waste Diversion Reserve:</b>									
Comprehensive Integrated Waste Management Strategy (CIWMS) - Review	2-185				450				450
Source Separated Organics		1,800							
Collection Management System	2-186			250	200				450
<b>Total Solid Waste Disposal System - Collection</b>		<b>1,800</b>		<b>250</b>	<b>650</b>				<b>900</b>
<b>TOTAL SOLID WASTE DISPOSAL SYSTEM (Utility Supported)</b>		<b>3,470</b>	<b>2,550</b>	<b>4,900</b>	<b>3,350</b>	<b>1,850</b>	<b>1,400</b>	<b>3,900</b>	<b>17,950</b>
<b>LAND DRAINAGE UTILITY</b>									
<i>Land Drainage and Flood Control</i>									
<b>Financed by Transfer from Sewage Disposal System Fund:</b>									
Flood Pumping Station Rehabilitation - Transfer from Sewage Disposal System Fund - Transfer from Prior Year Authorization		500 500		1,000	1,000	1,000	1,000	1,000	5,000
Total Flood Pumping Station Rehabilitation	2-187	1,000		1,000	1,000	1,000	1,000	1,000	5,000
Land Drainage Sewers - Regional / Local Streets	2-188					100	100	100	300
Stormwater Retention Basin Upgrades	2-189		150			485			635
Outfall Rehabilitation	2-190	2,000	2,000	4,050	3,500	3,500	4,000	4,000	21,050
Land Drainage and Combined Sewers Outfall Gate Structures	2-191	2,680	500	1,800					2,300
Niakwa Drainage Study	2-192		120						120
Stormwater Retention Basin and Channel Water Level Monitoring	2-193		300						300
Development Agreement Paybacks - Developer Capacity Charges - Transfer from Sewage Disposal System Fund			800 540	400		1,700		1,000	3,900 540
Total Development Agreement Paybacks	2-194		1,340	400		1,700		1,000	4,440
<b>TOTAL LAND DRAINAGE UTILITY (Utility Supported)</b>		<b>5,680</b>	<b>4,410</b>	<b>7,250</b>	<b>4,500</b>	<b>6,785</b>	<b>5,100</b>	<b>6,100</b>	<b>34,145</b>

<b>CAPITAL PROJECT SUMMARY</b> <i>(in Thousands of \$)</i>	<b>PAGE NO.</b>	<b>ADOPTED</b>	<b>ADOPTED CAPITAL</b>						<b>6 YEAR TOTAL</b>
		<b>BUDGET</b>	<b>BUDGET</b>		<b>FORECAST</b>				
		<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2021-2026</b>
<b><u>SPECIAL OPERATING AGENCIES</u></b>									
<b><u>WINNIPEG FLEET MANAGEMENT AGENCY</u></b>									
<b><u>Financed by Accumulated Surplus (Retained Earnings):</u></b>									
Shop Tools & Equipment Upgrades	2-195	255		330	100	240	255	255	1,180
Power Tools	2-196	125	125	125	125	125	125	125	750
Fuel Site Upgrades and Improvements	2-197	200		100	200	100	200	200	800
Building Renovations	2-198	214	733	568	457	741	197	197	2,893
Fleet Asset Acquisitions - External Debt	2-199	15,178	15,670	15,670	15,670	15,670	15,670	15,670	94,020
Fleet Software Application	2-200		1,709						1,709
<b>TOTAL WINNIPEG FLEET MANAGEMENT AGENCY</b>		<b>15,972</b>	<b>18,237</b>	<b>16,793</b>	<b>16,552</b>	<b>16,876</b>	<b>16,447</b>	<b>16,447</b>	<b>101,352</b>
<b><u>WINNIPEG PARKING AUTHORITY</u></b>									
<b><u>Financed by Accumulated Surplus (Retained Earnings):</u></b>									
Automated License Plate Recognition (ALPR) Program	2-201	178	123	170	136	259	186	149	1,023
Parking Access & Revenue Control System		373							
Enhanced Security - Millennium Library Parkade - Destination Marketing Reserve		100							
<b>TOTAL WINNIPEG PARKING AUTHORITY</b>		<b>651</b>	<b>123</b>	<b>170</b>	<b>136</b>	<b>259</b>	<b>186</b>	<b>149</b>	<b>1,023</b>

# Capital Project Detail

## 2021 Adopted Capital Budget and 2022 to 2026 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. The Public Service uses a cost estimate classification determined using AACE International Recommended Practices for capital budget estimates – see Appendix 2.
3. Included in the capital project authorizations are corporate and departmental overhead amounts (FTE related costs, administrative costs, etc.). Consistent with asset management principles, specific recoveries are included in the capital project business case/basis of estimate. Actual expenses may vary from budget depending on in-year circumstances.
4. Included in the capital budget authorizations, for Public Works only, are amounts for Strategic Municipal Infrastructure Research (SMIR), not to exceed 0.5% of tax-supported infrastructure preservation capital budgets, as approved by Council on April 30, 2003. Infrastructure is defined as permanent physical systems of a community, including roadways, utilities, water, sewage, buildings and parks. SMIR funding is essential to undertake research that will optimize life cycle costs and innovate to provide the best value for construction and preservation of Public Works infrastructure.

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## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Pedestrian and Cycling Program**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1832000121

Service: Roadway Construction and Maintenance  
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,927	1,950	1,890	1,651	1,683	2,321	9,495	11,422
Financed by:									
Cash to Capital			273		251	283	250	1,057	1,057
Interim Financing from General Capital Fund / (Repayment)	1,485	(1,062)	(423)					(423)	(1,485)
Federal Gas Tax		2,675	2,100	1,700	1,400	1,400	2,071	8,671	11,346
External Debt		314		190				190	504

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,479	2,042	1,963	1,686	1,678	2,225	349	11,422
Financed by:								
Cash to Capital		232	41	213	278	255	38	1,057
Interim Financing from General Capital Fund / (Repayment)	(1,062)	(423)						(1,485)
Federal Gas Tax	2,274	2,186	1,760	1,445	1,400	1,970	311	11,346
External Debt	267	47	162	28				504

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	9	16	23	28	29	29
Transfer to General Capital Fund		273		251	283	250
<b>Total Direct Costs</b>	9	289	23	279	312	279
Less: Incremental Revenue/Recovery	18	26	29	26	27	33
<b>Net Cost/(Benefit)</b>	(9)	263	(6)	253	285	246
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Projects in 2021 will not proceed to construction until a class 3 estimate is obtained.

Any surplus funds will automatically be transferred to the following year's Pedestrian and Cycling Program Budget.

The Director of Public Works may be required to reallocate funds within the Pedestrian and Cycling Program based on financing requirements.

On July 15, 2015, Council approved the Winnipeg Pedestrian and Cycling Strategies (PCS) with the following motion: All costs included in the Pedestrian and Cycling Strategies are estimates, no budget allocation is included with the approval of the Pedestrian and Cycling Strategies document, and all projects and project costs relating to the Pedestrian and Cycling Strategies document will be considered by City Council through the annual budget process. Pedestrian and Cycling Action Plans will be presented to the Standing Policy Committee for information on a yearly basis to provide status updates on previous and current projects.

On July 13, 2016, Council approved the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works: That all projects related to the Pedestrian and Cycling Strategies document be submitted to the Standing Policy Committee on Infrastructure Renewal and Public Works for recommendation to Council.

## **PUBLIC WORKS - GENERAL CAPITAL FUND**

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### ***Pedestrian and Cycling Program (continued):***

The Pedestrian and Cycling Program supports the delivery of the City's long-term vision to maximize transportation options by ensuring the accessibility, comfort, and safety of walking and cycling in Winnipeg.

Budget is used for the construction of new pedestrian and cycling facilities, facilities enhancements, studies and support for public education, awareness, and promotions of walking and cycling. Funding is also used to support public engagement and design studies in advance of planned road renewals.

On September 27, 2017, Council approved a first charge against the 2018 Capital Budget of up to \$2.250 million for the Protected Bike Lanes McDermot Avenue/Bannatyne Avenue (Phase 2) project, and approved an additional \$3.850 million in 2017 financed by Interim Financing from General Capital Fund for Chief Peguis Trail - Kildonan Settlers Bridge Pedestrian and Cycling Improvements. Interim financing repayments will be completed by 2022.

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

The Pedestrian and Cycling Program supports the following program areas:

#### **Sidewalks Regional and Non-Regional - Various Locations**

Construction of new sidewalks on regional streets where none presently exist and where provision is warranted. Provides additional funding to support pedestrian crossings improvements and/or crossing upgrades on regional streets. Future locations that are to be determined will be identified through the annual Pedestrian and Cycling Action Plan or through the yearly capital budget process.

Includes construction of new sidewalks on non-regional streets and must meet at least one of the following:

- connect existing sidewalks to a significant destination business/public facility/senior facility, etc.
- is located within 1.5 km of a school and has been identified by a Neighbourhood Based Consultation process (for example a School Travel Plan or Neighbourhood Area Plan);
- is required to connect pedestrians to a bus stop, where the property owners fronting the proposed sidewalk are not considered to be the main or a major benefitter from the new sidewalk, and likely would not support the sidewalk as a Local Improvement.

#### **Bicycle Corridors**

Development of new bicycle facilities on the Bicycle Network as prioritized in the Pedestrian and Cycling Strategies. Provides support to complete gaps in the Bicycle Network. Supports the supply and installation of permanent and temporary bicycle parking through an annual Bicycle Parking Grant program. Provides additional funding to support the development of Neighbourhood Greenways during local street renewal projects. Considers support for a pedestrian and cycling monitoring strategy.

Development of Neighbourhood Greenways - bike routes introduced on neighbourhood streets with low vehicle speeds and volumes that may include a range of treatments to slow down traffic and reduce traffic volumes to improve safety for walking, biking, and driving.

#### **Recreational Walkways and Bicycle Paths**

Construction of new recreational walkways and off-street bicycle path facilities where no walkway or cycle facility presently exists, and where the provision of such a facility is warranted.

#### **Public Education, Awareness and Promotion**

Support educational programming, public safety, and awareness in support of walking and cycling. Supports the promotion of new and existing pedestrian and cycling facilities including a walking and cycling communications strategy. Considers support for a City-wide wayfinding system.

## PUBLIC WORKS - GENERAL CAPITAL FUND

### *Pedestrian and Cycling Program (continued):*

PEDESTRIAN AND CYCLING PROGRAM Authorization (\$000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
<b><u>Sidewalks Regional and Non-Regional - Various Locations</u></b>	200	220	300	346	148	550	1,764
<b><u>Bicycle Corridors:</u></b>							
Transcona Trail Extension Study and Construction		300	750				1,050
Wolseley to Downtown Phase 1 and Phase 2 Construction	750						750
Neighbourhood Greenways	180	100	200	150		200	830
North Winnipeg Parkway Construction	150	650					800
Ruby St / Banning St Neighbourhood Greenway Phase 1 Construction				800			800
Cyclist Detection Signal Actuation Select Locations		50			50		100
St. Matthews Protected Bike Lane Upgrade - Preliminary Design			220		900		1,120
Maryland Ave/Sherbrook Ave Upgrade to Protected Bike Lane	77				200		277
Cycling Monitoring Data Collection	35	30	35				100
<b><u>Recreational Walkways and Bicycle Paths:</u></b>							
Red River Winter Walking and Cycling Trail Improvements	60		20	20	20		120
Bicycle Parking Partnership Grants	30	30	30	30	30	30	180
Togo Ave. to Churchill Dr. - Multi-use Path Extension		300					300
Northwest Hydro Corridor Phase 2 Const. - Church Ave to Casino						1,100	1,100
Temporary/Pilot Walking and Cycling Projects - various locations	100	50					150
Harrow St - Southwest Transitway Multi-use Path Connection	150						150
<b><u>Public Education Awareness and Promotion:</u></b>							
Communication and Promotions		20	25	25	25	25	120
<b>Partnership Grant Program:</b>	160	160	160	160	160	160	960
Winnipeg Repair Education and Cycling Hub (WRENCH) - \$40,000							
Commuter Challenge/Jack Frost (Green Action Centre) - \$16,500							
Bike Everywhere Months (Bike to School Month) (Green Action Centre) - \$10,000							
Bike Education and Skills Training (BEST) (Green Action Centre) - \$16,500							
Winnipeg Trails (Healing Trails) - \$10,000							
Bike Week Winnipeg - \$30,000							
Long Term Bike Parking Signage (Downtown Winnipeg BIZ) - \$25,000							
Winnipeg Central Loop (Exchange District BIZ) - \$12,000							
Active Safe Routes to School - Various Locations	35	40	150	120	150	256	751
<b>Total Pedestrian and Cycling Program</b>	<b>1,927</b>	<b>1,950</b>	<b>1,890</b>	<b>1,651</b>	<b>1,683</b>	<b>2,321</b>	<b>11,422</b>

**PUBLIC WORKS - GENERAL CAPITAL FUND**

***Pedestrian and Cycling Program (continued):***

The following projects include Active Transportation (AT) facilities funding:

(\$000's)	2021	2022	2023	2024	2025	2026	Total
<b>Regional Street Renewals:</b>							
Archibald St - St Catherine to Cottonwood - reconstruct existing multi-use path	275						275
Pandora Ave E - Day to Wayoata - multi-use path	300						300
Dunkirk Dr - Fermor to St Mary's - to be determined	175						175
Keewatin St - Selkirk to Logan - multi-use path	1,300						1,300
University Cres - Pembina to Chancellor Matheson - protected bike lanes	900	1,200					2,100
Leila Ave - McPhillips to McGregor - protected bike lanes			**				-
Pembina Hwy - McGillivray to Chevrier - buffered bike lanes		750	750				1,500
St Mary Ave - Memorial to Portage - protected bike lanes		500					500
Jubilee Ave - Osborne to Pembina - buffered bike lanes		800	1,200				2,000
Dakota St - St Mary's to Bishop Grandin - to be determined			**				-
Lagimodiere Blvd NB - Fermor to Cottonwood - to be determined			**				-
	<b>2,950</b>	<b>3,250</b>	<b>1,950</b>	-	-	-	<b>8,150</b>

\*\* to be determined

**PUBLIC WORKS - GENERAL CAPITAL FUND**

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

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1807000121  
 Service: Roadway Construction and Maintenance  
 OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	550	-	-	-	-	-	-	550
Financed by: Federal Gas Tax		550						-	550

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	550	-	-	-	-	-	-	550
Financed by: Federal Gas Tax	550							550

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

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, or to obtain land required to establish or expand right-of-ways.

Funds in 2021 will be allocated to:

\$550,000 to Ravelston Avenue West Improvements (AG 8/17)

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

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Transportation Master Plan**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1833000121

Service: Transportation Planning and Traffic Management  
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	250	250	154	171	-	205	780	1,030
Financed by:									
Cash to Capital			20					20	20
Federal Gas Tax		240	230	154	171		205	760	1,000
External Debt		10						-	10

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	213	250	168	168	26	174	31	1,030
Financed by:								
Cash to Capital		17	3					20
Federal Gas Tax	204	232	165	168	26	174	31	1,000
External Debt	9	1						10

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	1	1	1	1	1	1
Transfer to General Capital Fund		20				
<b>Total Direct Costs</b>	1	21	1	1	1	1
Less: Incremental Revenue/Recovery	3	3	2	2		2
<b>Net Cost/(Benefit)</b>	(2)	18	(1)	(1)	1	(1)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Updating information that affects the recommendations in the 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.

A comprehensive revision commenced in 2019.

Beyond the Transportation Master Plan work in 2021, follow-up and related projects in 2022 - 2026 are anticipated to include:

- Winnipeg Population and Land Use Model Update (2022)
- Winnipeg Truck Data and Model Development (2023)
- Winnipeg Areas Travel Study (WATS) Update (2024)
- Winnipeg Microscopic Transportation Model (Downtown and Norwood Bridge/St. Mary's/Marion) (2026)

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

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Traffic Signals Loops**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1831100221

Service: Transportation Planning and Traffic Management  
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	250	250	250	250	250	250	1,250	1,500
Financed by: Frontage Levy		250	250	250	250	250	250	1,250	1,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	213	250	250	250	250	250	37	1,500
Financed by: Frontage Levy	213	250	250	250	250	250	37	1,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	7	8	8	8	8	8
<b>Net Cost/(Benefit)</b>	(7)	(8)	(8)	(8)	(8)	(8)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This is an annual program which includes city-wide repair and replacement of vehicle detection loops in order to maintain proper (designed) operation of signalized intersections. This program also considers installation of non-intrusive detection in locations unsuitable for loops, subject to funding availability.

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

**PUBLIC WORKS - GENERAL CAPITAL FUND**

Project Name: **Traffic Signals Bases and Underground Renewal Program**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1831100126

Service: Transportation Planning and Traffic Management  
 OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	-	-	-	-	-	1,500	1,500	1,500
Financed by: Frontage Levy							1,500	1,500	1,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	1,275	225	1,500
Financed by: Frontage Levy						1,275	225	1,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						42
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	(42)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Traffic signal bases provide the structural foundation for traffic signal poles and cabinets. As a result, they are crucial for the safe construction and operation of traffic signals. This program is to replace traffic signal bases in poor condition. In total, 502 high-risk bases must be replaced over 10 years (50 per year). This represents 7% of the bases in the City.

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

## PUBLIC WORKS - GENERAL CAPITAL FUND

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

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1831000121

Service: Transportation Planning and Traffic Management  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	2,248	1,315	1,119	1,200	1,229	1,257	6,120	8,368
Financed by:									
Frontage Levy		1,560	1,177	1,119	1,200	1,229	1,257	5,982	7,542
Federal Gas Tax		100	138					138	238
Developer Funding		188						-	188
External Debt		400						-	400

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,911	1,454	1,149	1,188	1,225	1,252	189	8,368
Financed by:								
Frontage Levy	1,326	1,234	1,128	1,188	1,225	1,252	189	7,542
Federal Gas Tax	85	132	21					238
Developer Funding	160	28						188
External Debt	340	60						400

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	36	80	87	87	87	46
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	36	80	87	87	87	46
Less: Incremental Revenue/Recovery	57	44	37	39	40	41
<b>Net Cost/(Benefit)</b>	(21)	36	50	48	47	5
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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

- new full signals, half signals and pedestrian corridors based on priority warrant systems \*\*
- roadside safety improvements
- traffic calming measures
- left turn signal phases
- traffic sign upgrades
- railway crossing safety improvements
- installation of permanent pavement markings
- research studies and operational reviews

\* 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.

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Upgrade Noise Policies and Equipment Study**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1831100124

Service: Transportation Planning and Traffic Management  
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	100	-	-	100	100
Financed by: Federal Gas Tax					100			100	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	85	15	-	-	100
Financed by: Federal Gas Tax				85	15			100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery				1		
<b>Net Cost/(Benefit)</b>	-	-	-	(1)	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Initiation of a study to develop an update to the City of Winnipeg Motor Vehicle Noise Policies and Guidelines (1984). The Study shall make recommendations to provide definition and clarity, develop material and construction standard details of noise attenuation barriers, update noise modelling requirements, and define existing noise collection and analysis requirements.



**PUBLIC WORKS - GENERAL CAPITAL FUND**

Project Name: **Salt and Sand Storage Shed**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1803000124  
 Service: Roadway Snow Removal and Ice Control  
 OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	478	-	-	478	478
Financed by: Federal Gas Tax					478			478	478

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	406	72	-		478
Financed by: Federal Gas Tax				406	72			478

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery				5	1	
<b>Net Cost/(Benefit)</b>	-	-	-	(5)	(1)	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Rehabilitation of the Salt and Sand Storage Facility at 1220 Pacific Ave. The work consists of replacing the dome canvas, corrosion treatment of truss members, surface restoration of concrete walls, and sealing of gap in between the concrete wall and floor.

The work would maintain the City's compliance with applicable federal and provincial legislation regarding the storage and use of snow and ice control products.



## **PUBLIC WORKS - GENERAL CAPITAL FUND**

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### ***Regional and Local Street Renewal (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, as well as incorporating pedestrian and cycling facilities on regional street renewal projects where identified in the Winnipeg Pedestrian and Cycling Strategies. The program also funds the condition rating of regional streets. The purpose of this program is to maintain the level of service, structural integrity, and rideability of the transportation infrastructure network.

On May 14, 2008, Council concurred in the recommendation that a policy be adopted to incorporate Active Transportation facilities into any reconstruction or rehabilitation required on any infrastructure identified as an Active Transportation facility in the Proposed Active Transportation Network. On July 15, 2015, Council adopted the Pedestrian and Cycling Strategies as the long range pedestrian and cycling transportation policy for the City of Winnipeg. Depending on the proposed street renewal treatment and the planning and priority status of the proposed pedestrian and/or cycling facility, the Regional Street Renewal program may implement the intention of the Winnipeg Pedestrian and Cycling Strategies.

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 other surpluses within the program.

A Regional Street Renewal Reserve was established in 2014 to increase investment in regional streets. A separate 1% property tax increase planned until 2022 and 0.3% thereafter, will continually fund this reserve each year to ensure a dedicated funding stream for regional streets.

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

On March 22, 2018, the City received approval in principle from the Province and on September 4, 2018, received approval in principle from the Federal Government indicating the federal and provincial contributions towards the Accelerated Regional Renewals Application will be in the order of \$100 million from each over 5 years (2019 to 2023).

On March 29, 2019, the City of Winnipeg and the Province of Manitoba executed the "Accelerated Regional Street Renewal Contribution Agreement", and on September 23, 2019, the City of Winnipeg and Canada executed the "Agreement for the City of Winnipeg Accelerated Regional Street Renewal Project". These agreements commit all parties to the funding arrangements as indicated in the Accelerated Regional Streets Renewal Program section of the Regional and Local Streets Program herein.

On March 20, 2020, Council authorized first charges on all 2021 accelerated streets (total - \$84.5 million) in 2020 or prior to the adoption of the 2021 capital budget to facilitate timely delivery of the projects.

On March 20, 2020, Council authorized first charges on the following non-accelerated streets in 2020 or prior to the adoption of the 2021 capital budget to facilitate timely delivery of the projects:

up to \$0.500 million for Portage Av EB - St Charles St to David St - this project aligns with the Portage Ave WB accelerated regional street renewal project;

up to \$1.000 million for University Cr - Pembina Hwy to Chancellor Matheson Dr.

On December 16, 2020, Council authorized first charges in the amount of \$70.5 million on 2022 accelerated streets in 2021 or prior to the adoption of the 2022 capital budget to facilitate timely delivery of the projects. Refer to attachment 1 of the 2021 Budget Volume 2 - Council Recommendations for specific locations.

On December 16, 2020, Council authorized first charges in the amount of \$10.15 million on 2022 non-accelerated streets in 2021 or prior to the adoption of the 2022 capital budget to facilitate timely delivery of the projects. Refer to attachment 1 of the 2021 Budget Volume 2 - Council Recommendations for specific locations.

On July 23, 2020, Council approved the allocation of up to \$5.6 million for streetscaping from the Downtown Street and Sidewalk funding and directed that the funding be applied as follows starting in 2023 - Portage Avenue - \$5.0 million; Carlton Avenue - \$400,000 and Vaughn Street - \$200,000.

## PUBLIC WORKS - GENERAL CAPITAL FUND

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### ***Regional and Local Street Renewal (continued):***

#### **Local Street Renewal Program**

Local Streets are all non-regional streets including residential streets, collector streets, industrial streets, and park streets. The Local Street Renewal program includes the renewal and reconstruction of the City's local streets, sidewalks, lanes (also referred to as alleys) and recreational walkways/paths, as well as constructing new sidewalks on local street renewal projects where identified in the Winnipeg Pedestrian and Cycling Strategies or where the terms for New Non-Regional Sidewalks under the Pedestrian and Cycling Program are met. The program also funds the condition rating of streets, sidewalks, lanes and recreation walkways/paths. The purpose of this program is to maintain the level of service, structural integrity, and rideability of the transportation infrastructure network.

On May 14, 2008, Council concurred in the recommendation that a policy be adopted to incorporate Active Transportation facilities into any reconstruction or rehabilitation required on any infrastructure identified as an Active Transportation facility in the Proposed Active Transportation Network. On July 15, 2015, Council adopted the Pedestrian and Cycling Strategies as the long range pedestrian and cycling transportation policy for the City of Winnipeg. Depending on the proposed street renewal treatment and the planning and priority status of the proposed sidewalk, the Local Street Renewal program may include new sidewalks where identified in the Winnipeg Pedestrian and Cycling Strategies or where the terms for New Non-Regional Sidewalks under the Pedestrian and Cycling Program are met.

On November 20, 2013, Council amended the Local Improvement process by creating a pilot program for six years (2014-2019) whereby the City of Winnipeg will finance asphalt paving of granular lanes as local improvements to the maximum of 50% of the cost of the improvement; and approved that the Granular Lane Fund be used as a funding source for the City's share of the amended Local Improvement Program. On July 19, 2018, the City of Winnipeg City Council approved a six year extension to this program (2020-2024). The Granular Lane Improvement Program's annual \$1.35 million includes \$350,000 per year that is dedicated to the lane pulvimixing program.

On July 9, 2019, the City received notification from the Province of Manitoba of a one-time top-up transfer of \$44.09 million in Federal Gas Tax funds. \$22.5 million was to be allocated to 2019 projects, as approved by Council on April 25, 2019. \$20 million was to be allocated to Local Street Renewals in 2020 and \$1.59 million was to be allocated to the Pedestrian and Cycling Program in 2020. During the 2020 budget process, federal gas tax funding was replaced with external debt to allow for reallocation to other capital projects. The City borrowed \$20.0 million in 2020 to offset this reallocation and the Local Street Renewal Reserve will pay principal and interest charges on this new debt. 2020 debt payments were estimated at \$700,000 and 2021 - 2025 are estimated at \$1.120 million each year. On July 23, 2020, Council approved allocation of Provincial capital funding to replace \$9.034 million of previously approved City debt funding as outlined in the 2020 Capital Budget. Subsequently, the City has submitted an additional \$1.15 million of previously approved debt funding to be funded from the 2020 Strategic Infrastructure funding. The freed up debt and finance charges have been reinvested into the program.

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 other surpluses within the program.

Any new projects using surplus funds in the 2021 Local Street Renewal Program shall be approved by the Standing Policy Committee on Infrastructure Renewal and Public Works.

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

On March 20, 2020, Council authorized first charges in 2020 or prior to the adoption of the 2021 Capital Budget to facilitate timely delivery of these projects:

up to \$7.0 million in 2020 on all the 2021 Local Street Renewals to facilitate delivery of industrial streets, residential streets, alley, and sidewalk renewals prior to the adoption of the 2021 Capital Budget.

up to \$4.820 million for the combined Sherwin Rd - Dublin Av to Notre Dame Av road renewal and bridge project.

up to \$2.100 million for the Wellington Crescent River Bank Stabilization Project

On December 16, 2020, Council authorized first charges in the amount of \$7.5 million on 2022 local street renewal projects in 2021 or prior to the adoption of the 2022 capital budget to facilitate timely delivery of the projects.

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 2022 and 1.7% thereafter, will continually fund this reserve each year to ensure a dedicated funding stream for local streets.

Funding in 2021 includes \$1.250 million rebudgeted from prior years capital budget authorization - see Appendix 4.

As per recommendations B.1 and B.2 of the Road Construction Working Group Report, approved by Council on September 26, 2019, specific local streets are included in the program details.

See next pages for program details.

**PUBLIC WORKS - GENERAL CAPITAL FUND**

*Regional and Local Street Renewal (continued):*

REGIONAL STREET RENEWAL PROGRAM Authorization (\$000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
<b>ACCELERATED REGIONAL STREET RENEWAL (NBCF APPLICATION):</b>							
<b>Funding</b>							
- Federal New Building Canada Fund (NBCF)	26,000	24,000	13,000				63,000
- Province of Manitoba Accelerated Regional Roads	29,100	29,100	9,800				68,000
- Regional Street Renewal Reserve	26,000	24,000	13,000				63,000
- Regional Street Renewal Reserve Ineligibles	3,400	3,300	1,600				8,300
<b>Sub-total Accelerated Regional Streets Renewal</b>	<b>84,500</b>	<b>80,400</b>	<b>37,400</b>	-	-	-	<b>202,300</b>
<b><u>Regional Reconstruction &amp; Major Rehabilitation Works:</u></b>							
Downtown Streets:	8,900	7,400	7,000				23,300
Broadway - Osborne to Main							
Donald - St Mary to Gertrude							
Hargrave NB - Broadway to York							
Smith NB - Notre Dame to Midtown Bridge							
Leila Ave - McPhillips to McGregor		6,200					6,200
Day St. / Pandora Ave.:	4,850						4,850
Day St - Pandora to Regent							
Pandora Ave E - Day to Wayoata							
Dunkirk Dr - Fermor to St Mary's Rd	6,200						6,200
Roblin Blvd - Dieppe to PTH101	4,450						4,450
Archibald Street:	4,900	4,900					9,800
Archibald St - St Catherine to Cottonwood							
Archibald St - Plinguet to Doucet							
Munroe Ave. / Johnson Ave. West:	4,850	4,900	4,000				13,750
Munroe Ave - Raleigh to Henderson							
Johnson Ave W - Levis St to Henderson Hwy							
Stafford St. / Taylor Ave. / Corydon Ave.:	8,850	7,300	4,700				20,850
Stafford St - Corydon to Pembina							
Taylor Ave - Wilton to Pembina							
Corydon Ave - Cambridge to Stafford							
Erin St. / Wall St.:	9,100	9,700	8,000				26,800
Erin St - Notre Dame to Wolever							
Wall St - St Matthews to Notre Dame							
Salter St - Cathedral to Slaw Rebchuk Bridge	5,900						5,900
Portage Ave EB - Woodlawn to Century Overpass /							
Portage Ave WB - Moorgate to St James St	5,150						5,150
Pembina Hwy - Des Trappistes St to Ducharme Ave	1,700						1,700
Lagimodiere Blvd - Springfield to 200m S of Headmaster	2,000						2,000
Sargent Ave - Empress to St James	2,500						2,500

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>REGIONAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Selkirk Ave - Arlington to McPhillips	3,000	3,580					6,580
Pembina Hwy - McGillivray to Chevrier		8,600					8,600
Keewatin St NB - Inkster to Adsum		1,800					1,800
Pioneer Ave - Westbrook to Main		1,700					1,700
William Stephenson Way - Main to Westbrook		820					820
Stradbrook Ave - Wellington Cr to Osborne		800					800
Sturgeon Rd - Ness Ave to Hallonquist		1,900					1,900
Colony St./St. Mary Ave.:		2,700					2,700
Colony St - Portage to St Mary							
St Mary Ave - Memorial to Portage							
Nairn Ave - Stadacona to Watt		5,400					5,400
William Ave - Arlington St to McPhillips St		3,300					3,300
Jubilee Ave - Osborne to Pembina	3,200	4,900	4,000				12,100
Mountain Ave - Arlington to McPhillips	1,000	4,500	5,000				10,500
McGregor St - Seven Oaks to McAdam	250		2,250				2,500
McGregor St - Church to Mountain	250		2,450				2,700
<b><u>Regional Mill and Fill / Overlay Preservation Works:</u></b>							
Keewatin St - Selkirk to Logan Ave	2,800						2,800
King Edward St - Park Lane to Logan Ave	1,450						1,450
Regent Ave W - Plessis to Rougeau	3,200						3,200
<b>Total Accelerated Regional Street Renewal Program</b>	<b>84,500</b>	<b>80,400</b>	<b>37,400</b>	-	-	-	<b>202,300</b>

**PUBLIC WORKS - GENERAL CAPITAL FUND**

*Regional and Local Street Renewal (continued):*

REGIONAL STREET RENEWAL PROGRAM Authorization (\$000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
<b>NON-ACCELERATED REGIONAL STREET RENEWAL:</b>							
<b>Funding</b>							
- Regional Street Renewal Reserve	11,938	18,376	34,938	46,917	53,638	48,856	214,663
<b>Total Non-accelerated Regional Street Renewal</b>	<b>11,938</b>	<b>18,376</b>	<b>34,938</b>	<b>46,917</b>	<b>53,638</b>	<b>48,856</b>	<b>214,663</b>
<b><u>Regional Reconstruction &amp; Major Rehabilitation Works:</u></b>							
Henderson Hwy SB - McLeod to Leighton	1,250						1,250
Henderson Hwy - N of Gilmore to City Limit (Preliminary Design)	700						700
Portage Ave EB - St Charles to David	2,150						2,150
Redwood Av - Main St to Salter St	450	2,850					3,300
University Cr - Pembina to Chancellor Matheson	4,000	5,900					9,900
Grant Ave EB - Lanark to 1863 Grant to Montrose/ Grant WB - Montrose to 1863 Grant	900	3,400	2,800				7,100
River Av - Osborne St to Wellington Cr / Wellington Cr - River Av to Stradbroke St		1,400					1,400
Salter St - Inkster to Jefferson		500	5,100				5,600
Logan Ave - Disraeli Fr to Main		200	2,100				2,300
Selkirk Ave - Main to Salter		550	5,500				6,050
St Anne's Rd - St Mary's to Fermor		500	4,800				5,300
Dakota St - St Mary's to Bishop Grandin		300	1,900				2,200
Des Meurons St - Goulet to Marion / Goulet WB - Youville to Braemar		200	2,300				2,500
Lagimodiere Blvd NB - Fermor to Cottonwood		250	2,250				2,500
Sargent Ave - Edmonton to Furby							
Edmonton St - Cumberland to Ellice		200	2,850				3,050
McPhillips St SB - Machray to Mountain		100	1,100				1,200
Empress St - St Matthews to Saskatchewan (Preliminary Design)			400				400
Inkster Blvd - Arlington St to McKenzie St		200	1,000				1,200
<b><u>Regional Accessibility Improvements:</u></b>							
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
Detectable Warning Surface Tiles - Regional Streets	100	100	100	100	100	100	600
<b><u>Downtown Streets:</u></b>							
Sidewalk, Curb, and Street Renewals	1,500	700	1,100	800			4,100
Portage Place Revitalization Project			400	700	1,500	1,500	4,100
<b><u>Regional Provisional Maintenance:</u></b>							
Kenaston Blvd - Ness to Taylor	100	100	100	100	100	100	600
Regional Street Renewals - Annual Program - Various locations to be identified.	38	176	388	44,467	51,188	46,406	142,663
<b>Total Non-accelerated Regional Street Renewal Program</b>	<b>11,938</b>	<b>18,376</b>	<b>34,938</b>	<b>46,917</b>	<b>53,638</b>	<b>48,856</b>	<b>214,663</b>
<b>Total Accelerated and Non-accelerated Regional Street Renewal Program</b>	<b>96,438</b>	<b>98,776</b>	<b>72,338</b>	<b>46,917</b>	<b>53,638</b>	<b>48,856</b>	<b>416,963</b>

## PUBLIC WORKS - GENERAL CAPITAL FUND

### Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
<b>Funding</b>							
- Local Street Renewal Reserve	45,230	51,457	62,457	73,857	85,757	98,257	417,015
- Federal Gas Tax	6,721	11,862	1,885		4,889		25,357
- Frontage Levy	2,329						2,329
- Future Services Account	200	200	200	200	200	200	1,200
- Prior Years Surplus	1,250						1,250
<b>Total Local Street Renewal Program</b>	<b>55,730</b>	<b>63,519</b>	<b>64,542</b>	<b>74,057</b>	<b>90,846</b>	<b>98,457</b>	<b>447,151</b>
<u>Wellington Crescent - Riverbank Stabilization</u> (jointly funded with the Property, Planning and Development (PPD) and Water and Waste Departments)	2,100						2,100
<b><u>Industrial Streets:</u></b>							
Sherwin Rd - Saskatchewan to Notre Dame Av	*						-
Park Lane Av - Park Lane Av to Hekla	*						-
Muir Rd - Church Av to Plymouth St	*						-
Plymouth St - Inkster Bv to Burrows Av	*						-
Berry St - St Matthews Av to Silver Av		*					-
Berry St - Ellice Av to St Matthews Av		*					-
Saskatchewan Av - St James St to Border St		*					-
Saskatchewan Av - King Edward St to Century St		*					-
Murray Park Rd - Cree Cr to Sturgeon Rd		*					-
Murray Park Rd - Saulteaux Cr to Cree Cr		*					-
Murray Park Rd - Cree Cr to Saulteaux Cr		*					-
Milt Stegall Dr - Sargent Av to Yukon Av		*					-
Dundas St - Sargent Av to Yukon Av		*					-
Midland St - Notre Dame Av to Saskatchewan Av		*					-
Saskatchewan Av - Midland St to Empress St		*					-
Saskatchewan Av - Sherwin Rd to King Edward St		*					-
Yukon Av - Milt Stegal Dr to Empress St		*					-
Yukon Av - St James St to Milt Stegall Dr		*					-
Panet Rd - Nairn Av to CPR Tracks			*				-
Springfield Rd - Cox Bv to Lagimodiere Bv			*				-
Alexander Av - Martha St to Lily St			*				-
McDermot Av - Myrtle St to McPhillips St			*				-
Heaton Av - Waterfront Dr to Argyle St			*				-
Argyle St - George Av to Disraeli Fr			*				-
Galt Av - Lily St to Duncan St			*				-
MacDonald Av - Waterfront Dr to Gomez St			*				-
Dagmar St - William Av to Bannatyne Av			*				-
Dagmar St - Bannatyne Av to McDermot Av			*				-
Bentall St - Mountain Av to Redwood Av			*				-
Wyatt Rd - Filkow By to Inkster Bv			*				-
Wyatt Rd - Mandalay Dr to Filkow By			*				-
Pacific Av - McPhillips St to Xante St			*				-
Pacific Av - Xante St to Arlington St			*				-
Bunting St - Inkster Bv to Church Av			*				-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Panet Rd - 45 Panet Rd to Marion St			*				-
Panet Rd - Dugald Rd to 45 Panet Rd			*				-
Dugald Rd - Panet Rd to Dawson Rd N			*				-
Mazenod Rd - Dugald Rd to De Baets St			*				-
Mazenod Rd - De Baets St to Dugald Rd			*				-
Beghin Av - De Baets St to Paquin Rd			*				-
Engineering Services for 2023 Projects		*					-
Engineering Services for 2024 Projects			*				-
<b>Sub-total Industrial Street Renewals &amp; Various locations to be identified.</b>	11,850	14,664	15,890	15,000	15,000	15,000	87,404
<b><u>Parks Streets</u></b>		2,340	210	800	800	800	4,950
<b><u>Residential Streets:</u></b>							-
Doncaster St - Corydon Av to Blanche Av	*						-
Jolliett Cr - Sansome Av to Rouge Rd	*						-
Rouge Rd - Erlandson Dr to Assiniboine Av	*						-
Dominion St - Armoury Av to St Matthews Av	*						-
Dominion St - Sargent Av to Ellice Av	*						-
Bowman Av - Brazier St to Henderson Hw	*						-
Bowman Av - Roch St to Brazier St	*						-
Larsen Av - Brazier St to Roch St	*						-
Dowker Av - Crowson By (E leg) to South Dr	*						-
Riley Cr - Wicklow St to Dowker Av	*						-
Beaconsfield St - Lisgar Av to Lusted Av	*						-
Sinclair St - Atlantic Av to Cathedral Av	*						-
Sinclair St - Cathedral Av to Machray Av	*						-
Sinclair St - Polson Av to Atlantic Av	*						-
Sinclair St - Inkster Bv to Polson Av	*						-
Machray Av - Arlington St to Sinclair St	*						-
Atlantic Av - Salter St to McGregor St	*						-
Edkar Cr - Mclvor Av to Pentland St	*						-
Springfield Rd - Brian St to Rothesay St	*						-
Kingsbury Av - Petunia St to McPhillips St	*						-
Kingsbury Av - Petunia St to Sinclair St	*						-
Ross Av W - Worth St to Keewatin St	*						-
Cecil St - Alexander Av to Notre Dame Av	*						-
Grosvenor Av - Ash St to Cordova St	*						-
Grosvenor Av - Cordova St to Lindsay St	*						-
Nathaniel St - Grant Av to Lorette Av	*						-
Nathaniel St - Fleet Av to Dudley Av	*						-
Grosvenor Av - Stafford St to Harrow St	*						-
Marwood Cr - Edgemont Dr to Edgemont Dr	*						-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Sweetwater By - Edgewater Dr to Edgewater Dr	*						-
Ashwood Cv - Sweetwater By to End	*						-
Cormorant By - Edgewater Dr to Edgewater Dr	*						-
Watercress Rd - Edgewater Dr to Cormorant By	*						-
Strauss Dr - 80 Strauss Dr to Thompson Dr	*						-
Strauss Dr - Strauss Dr to 80 Strauss Dr	*						-
Thompson Dr - Strauss Dr to Ness Av	*						-
Southwalk By - Charing Cross Cr to Charing Cross Cr	*						-
Regis Dr - Charing Cross Cr to Paddington Rd	*						-
Kingston Rw - Edinburgh St to Rosewarne Av	*						-
Kingston Rw - Rosewarne Av to St Marys Rd	*						-
Leola St - Harold Av E to Kildare Av E	*						-
Leola St - Kildare Av E to Regent Av E	*						-
Madeline St - McMeans Av W to Harold Av W	*						-
Transcona Blvd - slope stabilization	*						-
Bayview Dr (W leg) - Bayview Dr to St Martin Bv	*						-
Syracuse Cr - Chancellor Dr to Chancellor Dr	*						-
Ascot By - Laxdal Rd to Laxdal Rd		*					-
Jewett By - Sinnott St to Sinnott St		*					-
Palmerston Av - Lenore St to Arlington St		*					-
Palmerston Av - Arlington St to Ethelbert St		*					-
Canora St - Preston Av to Westminster Av		*					-
Downing St - Ellice Av to Armoury Av		*					-
Telfer St N - St Matthews Av to Ellice Av		*					-
Grundy Av - Ingersoll St to Garfield St N		*					-
Keenleyside St - Talbot Av to Nairn Av		*					-
Keenleyside St - Beach Av to Talbot Av		*					-
Menno By - Antrim Rd to Antrim Rd		*					-
McCalman Av - Kent Rd to Chester St		*					-
Flett Av - Reay Cr to Antrim Rd		*					-
Simpson Av - Moncton Av to Louelda St		*					-
Oakenwald Av - Wicklow St to Point Rd		*					-
Waterford Av - Pembina Hw to Lyon St		*					-
Roslyn Rd - Osborne St to Roslyn Cr		*					-
Gerard St - River Av to End		*					-
Wardlaw Av - Scott St to Donald St		*					-
Wardlaw Av - Scott St to Osborne St		*					-
Church Av - Sinclair St to Arlington St		*					-
Lansdowne Av - Main St to Salter St		*					-
Semple Av - Main St to Salter St		*					-
Rupertsland Bv - Jones St to Main St		*					-
Rupertsland Bv - Main St to Jones St		*					-
Perth Av - Main St to Jones St		*					-
Perth Av - Jones St to Scotia St		*					-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Countryside Wy - Norris Rd to End		*					-
Mattinee By - Donwood Dr to Donwood Dr		*					-
Forest Park Dr - Sinclair St to Airlies St		*					-
Manitoba Av - Chudley St to Keewatin St		*					-
Buller St - Gilbert Av to Manitoba Av		*					-
Pacific Av - Sherbrook St to Tecumseh St		*					-
Tecumseh St - Alexander Av to Pacific Av		*					-
Brock St - Corydon Av to Grosvenor Av		*					-
Campbell St - Mathers Av to End		*					-
Renfrew St - Grant Av to Taylor Av		*					-
Carpathia Rd - 469 Carpathia Rd to Kenaston Bv		*					-
Carpathia Rd - Corydon Av to 469 Carpathia Rd		*					-
Biscayne By - McGillivray Pl to McGillivray Pl		*					-
Youville St - Marion St to Eugenie St		*					-
Dubuc St - Enfield Cr to Des Meurons St		*					-
Lawndale Av - Lyndale Dr to Highfield St		*					-
Parkview St - Portage Av to Assiniboine Av		*					-
Berry St - Silver Av to Ness Av		*					-
Berry St - Ness Av to Portage Av		*					-
De Leglise Av - Campeau St to Pembina Hw		*					-
La Grave St - Lemay Av to Lord Av		*					-
Briar Cliff By - Killarney Av to Killarney Av		*					-
Moore Av - Pulberry St to Dunkirk Dr		*					-
Moore Av - River Rd to Flynn St		*					-
Moore Av - Flynn St to Pulberry St		*					-
Moore Av - Dunkirk Dr to St Marys Rd		*					-
Victoria Av E - Roanoke St to Leola St		*					-
Harvard Av E - Roanoke St to Leola St		*					-
Winona St - Kildare Av W to Regent Av W		*					-
Widlake St - Kildare Av E to Victoria Av E		*					-
Chancellor Dr - Augusta Dr to Quincy By		*					-
Lakeshore Rd - Chancellor Dr to Chancellor Dr		*					-
Lakeshore Rd - 27 to 51		*					-
Carlyle By SB - Westwood Dr to Westwood Dr			*				-
Holdsworth Av - Glastonbury Bv to Aldershot Bv			*				-
Sinnott St - Barker Bv to Barker Bv			*				-
Exmouth Bv - Aldershot Bv to Holdsworth Av			*				-
McMicken St - Cumberland Av to Sargent Av			*				-
Sprague St - Portage Av to Wolseley Av			*				-
Langside St - Cumberland Av to Sargent Av			*				-
Bronx Av - Roch St to Brazier St			*				-
Helmsdale Av - Brazier St to Henderson Hw			*				-
Bronx Av - Brazier St to Henderson Hw			*				-
Linden Av - Brazier St to Henderson Hw			*				-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Oakview Av - Brazier St to Henderson Hw			*				-
Linden Av - Roch St to Brazier St			*				-
Hazel Dell Av - Brazier St to Henderson Hw			*				-
Baltimore Rd - Casey St to Hay St			*				-
Wildwood H Pk EB - South Dr to South Dr			*				-
Baltimore Rd - Fisher St to Casey St			*				-
Warsaw Av - Cockburn St N to Lilac St			*				-
Warsaw Av - Hugo St N to Cockburn St N			*				-
Wildwood G Pk - South Dr to Wildwood St			*				-
Assiniboine Av - Navy Wy to Hargrave St			*				-
Clare Av - Eccles St to Fisher St			*				-
Clare Av - Fisher St to Casey St			*				-
Fisher St - Morley Av to Oakwood Av			*				-
Fisher St - Arnold Av to Morley Av			*				-
Fisher St - Montgomery Av to Churchill Dr			*				-
Oakwood Av - Eccles St to Darling St			*				-
Hartford Av - McGregor St to Salter St			*				-
Hartford Av - Main St to Salter St			*				-
Burrows Av - Aikins St to Charles St			*				-
Pritchard Av - Main St to Charles St			*				-
Machray Av - Salter St to Powers St			*				-
Powers St - Cathedral Av to Machray Av			*				-
College Av - Salter St to McGregor St			*				-
Raleigh St - Glenway Av to Gilmore Av			*				-
Hartford Av - Sinclair St to Montcalm Cr			*				-
Hartford Av - CPR Winnipeg Beach to Montcalm Cr			*				-
Benbow Rd - Egesz St to Burrows Av			*				-
Gaynor Pl - Alwood Cr to End			*				-
Alwood Cr - Egesz St to Egesz St			*				-
Channing St - Wendon By to Burrows Av			*				-
Charter Dr - Benbow Rd to Egesz St			*				-
Groverdale Av - Burdick Pl to Garden Grove Dr			*				-
Garden Grove Dr - Fairgrove By to Fairgrove By			*				-
Beaumont St - Parker Av to Windermere Av			*				-
Scotland Av - Harrow St to Wilton St			*				-
Scotland Av - Harrow St to Stafford St			*				-
Beaumont St - Waterford By (S leg) to McGillivray Bv			*				-
Montrose St - Grant Av to Mathers Av			*				-
Renfrew St - John Brebeuf Pl to Grant Av			*				-
Manahan Av - Pembina Hw to Hudson St			*				-
Gatineau By - Crestwood Cr to Crestwood Cr			*				-
Royal Salinger Rd - Niakwa Rd to Pebble Beach Rd			*				-
Radburn Pl - End to Beaverhill Bv			*				-
Seabrook Cv - Beaverhill Bv to End			*				-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Stillwater Rd - Brookhaven By to Willowlake Cr			*				-
Cherwell Rd - Beaverhill Bv to Bluewater Cr N leg			*				-
Agate By - Drake Bv to Drake Bv			*				-
Collegiate St - St Matthews Av to Silver Av			*				-
Fairlane Av - Isbister St to Buchanan Bv			*				-
Lumsden Av - Lake Ridge Rd to Cavalier Dr			*				-
De Leglise Av - St Pierre St to Campeau St			*				-
Regal Av - Des Meurons St to St Annes Rd			*				-
Woodford By - Meadowood Dr to Meadowood Dr			*				-
Fernwood Av - St Annes Rd to End			*				-
Morrow Av - St Annes Rd to End			*				-
West Fernwood Av - Bronstone Bv to St Marys Rd			*				-
West Fernwood Av - Bronstone Bv to Dunkirk Dr			*				-
Moberly Av - Sanford Fleming Rd to Cambie Rd			*				-
Moberly Av - Whiteway Rd to Sanford Fleming Rd			*				-
Shields St - Moberly Av to Sanford Fleming Rd			*				-
Peake Av - Robson St to Plessis Rd			*				-
Horetzky St - Sanford Fleming Rd to Meadow Gate Dr			*				-
Nugent Rd - Hatcher Rd to Rougeau Av			*				-
Hayes St - Whiteshell Av to McMeans Av W			*				-
Winona St - Larche Av W to McMeans Av W			*				-
Whiteshell Av - McMeans Av W to Winona St			*				-
Markham Rd - Chancellor Dr (E) to Forest Lake Dr			*				-
Chancellor Dr - Augusta Dr to Markham Rd			*				-
Chancellor Dr - Lakepointe Rd to Augusta Dr			*				-
Engineering Services on 2023 Projects		*					-
Engineering Services on 2024 Projects			*				-
<b>Sub-total Residential Street Renewals &amp; Various locations to be identified.</b>	30,156	34,196	37,009	47,157	63,946	71,557	284,021
<b>Local Thin Bituminous Overlay (TBO)</b>							=
Byrd Av - Westwood Dr to Rouge Rd	*						-
Leacock Av - Westwood Dr to Carroll Rd	*						-
Southboine Dr - Kinkora Dr to Berkley St N	*						-
Carlotta Cr - Roblin Bv to Buckle Dr	*						-
Keats Wy - Bedson St to Bedson St	*						-
Home St - Westminster Av to Wolseley Av	*						-
Home St - Preston Av to Westminster Av	*						-
Jeffrey Cr - Tu Pelo Av to Gateway Rd	*						-
Gateway Rd - Johnson Av E to Riverton Av	*						-
Arbuthnot St - Lorette Av to S Limit	*						-
Jessie Av - Cockburn St N to Hugo St N	*						-
Penninghame St - Machray Av to Church Av	*						-
Syndicate St - Rover Av to Sutherland Av	*						-
Pentland St - Mclvor Av to Gilmore Av	*						-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Uxbridge Rd N - Bonner Av to S End	*						-
Daman St - Emerson Av to Knowles Av	*						-
Dundoon St - Glenway Av to Knowles Av	*						-
Mitchelson Wy - Bonner Av to Ragsdill Rd	*						-
Garden Park Dr - Beecher Av to Templeton Av	*						-
Tully Rd - Garden Park Dr to Durward St	*						-
Galaxy Wy - Pipeline Rd to Stardust Cr	*						-
Martell Cr - Maevista Pl to Blechner Dr	*						-
Desharnais St - Adsum Dr to Margate Rd	*						-
Montcalm Cr - Hartford Av to Vanier Dr	*						-
Grandcrest St - Forest Park Dr to Hartford Av	*						-
Alfred Av - McPhillips St to Fife St	*						-
Alexander Av - Dee St to Keewatin St	*						-
Lindenwood Dr W - Tweedsmuir R to Forestgate Av	*						-
Carter Av - Guelph St to Wilton St	*						-
Greenwich By - Crestwood Cr to Crestwood Cr	*						-
Leger Cr - Island Shore Bv to Island Shore Bv	*						-
Brereton Rd - Vermillion Rd to Clearwater Rd	*						-
Leeward Pl - Desjardins Dr to Myles Robinson Wy	*						-
Birchdale Av - Highfield St to Lyndale Dr	*						-
Pauline Boutal Cr - De La Seigneurie Bv to De La Seigneurie Bv	*						-
Parkview St - Silver Av to Portage Av	*						-
Allegheny Dr - Dalhousie Dr to Ulster St	*						-
Queensbury By - Southglen Bv to Southglen Bv	*						-
Laval Dr - Pasadena Av to Silverstone Av	*						-
McGill Av - McMasters Rd to Silverstone Av	*						-
Fulton St - Lanyon Dr to Ashworth St S	*						-
Ashworth St - Warde Av to Basinger Dr	*						-
John Forsyth Rd - Dakota St to Basinger Dr	*						-
John Forsyth Rd - Basinger Dr to Aldgate Rd	*						-
Hirt Cr - Ashworth St S to Southglen Bv	*						-
Youville St - Guay Av to Haig Av	*						-
Grassington By - Whitley Dr to Whitley Dr	*						-
Applemans By - Brixford Cr to Brixford Cr	*						-
Beaudry By - Shorehill Dr to Shorehill Dr	*						-
Kerwell Pl - Beckinsale By to Novavista Dr	*						-
Scotsborough Pl - Beckinsale By to Novavista Dr	*						-
Bramton St - Woodydell Av to Brixford Cr	*						-
Morning Glory Cr - Royal Mint Dr E Leg to Royal Mint Dr W Leg	*						-
Woodside Cr - Kildonan Meadow Dr to Kildonan Meadow Dr	*						-
Pandora Av W - 816 Pandora St to Robson St	*						-
Royal Mint Dr Frontage Rd - 209 - 249	*						-
Zawaly By - Kildare Av E to Kildare Av E	*						-
Meadowbank Rd - Marygrove Cr to Columbia Dr	*						-
Marygrove Cr - Columbia Dr to Columbia Dr	*						-

**PUBLIC WORKS - GENERAL CAPITAL FUND**

**Regional and Local Street Renewal (continued):**

<b>LOCAL STREET RENEWAL PROGRAM Authorization (\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>Six-Year Total</b>
Leamington Gt - Burlington Wy to Columbia Dr	*						-
Scurfield Bv - Columbia Dr to Portwood Rd	*						-
Glenacres Cr - Millstream Wy to Millstream Wy	*						-
<b>Sub-total Local Thin Butimuous Overlay</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>30,000</b>
<b><u>Granular Roadway Improvements:</u></b>							
- Type II Road Oiling	600	600	600	600	600	600	3,600
- Granular Lane Improvement Program	1,350	1,350	1,350	1,350	1,350	1,350	8,100
<b>Sub-total Granular Roadway Improvements</b>	<b>1,950</b>	<b>1,950</b>	<b>1,950</b>	<b>1,950</b>	<b>1,950</b>	<b>1,950</b>	<b>11,700</b>
<b><u>Lane (Alley) Renewals:</u></b>							
Craig St/ Stiles St from Portage Av to Wolseley Av	*						-
Dundurn Pl/Westminster Av from Walnut St to Maryland St	*						-
Garfield St N/Dominion St from Wellington Av to Sargent Av	*						-
Banning St/Lipton St from Yarwood Av to Wellington Av	*						-
Jarvis Av/Dufferin Av from Powers St to Salter St	*						-
McMillan Av/Dorchester Av from Rockwood St to Wilton St	*						-
Harvard Av/Yale Av from Stafford St to Avonherst St	*						-
St Michael Rd/Arden Av from Pulberry St to St Marys Rd	*						-
Wexford St/Swann Dr from Vialoux Dr to Roblin Bv		*					-
Clifton St/Spruce St from Sargent Av to Ellice Av		*					-
Hume St/Kairistine Ln/Raber Rd/Dexter St		*					-
Marshall Cr/Hudson St from Waller Av to Clarence Av		*					-
Sherbrook St/Furby St from Cumberland Av to Sargent Av			*				-
Furby St/Sherbrook St from Sargent Av to Ellice Av			*				-
Sherbrook St/Maryland St from Broadway to Sara Av			*				-
Fletcher Cr/90m N of Fletcher Cr, E of Pembina Hw			*				-
Des Meurons St/De La Morenie St from Cathedrale Av to Hamel Av			*				-
Engineering Services on 2024 Projects			*				-
<b>Sub-total Lane (Alley) Renewals &amp; various locations to be identified</b>	<b>2,674</b>	<b>3,069</b>	<b>2,783</b>	<b>2,750</b>	<b>2,750</b>	<b>2,750</b>	<b>16,776</b>
<b><u>Lanes, Sidewalks and Active Transportation Renewals</u></b>							
Sidewalk Renewals on Local Streets - Various Locations	800	800	800	800	800	800	4,800
Recreational Walkways and Bike Pathway Renewals	900	1,500	900	600	600	600	5,100
<b>Sub-total Lanes, Sidewalks and Active Transportation Renewals</b>	<b>1,700</b>	<b>2,300</b>	<b>1,700</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>9,900</b>
<b><u>Speed Limit Review Trial</u></b> as per Council Report July 23, 2020	<b>300</b>						<b>300</b>
<b>Total Local Street Renewal Program</b>	<b>55,730</b>	<b>63,519</b>	<b>64,542</b>	<b>74,057</b>	<b>90,846</b>	<b>98,457</b>	<b>447,151</b>
<b>TOTAL REGIONAL &amp; LOCAL STREET RENEWAL PROGRAM</b>	<b>152,168</b>	<b>162,295</b>	<b>136,880</b>	<b>120,974</b>	<b>144,484</b>	<b>147,313</b>	<b>864,114</b>

\* Amounts to be determined

**PUBLIC WORKS - GENERAL CAPITAL FUND**

Project Name: **Pembina Highway Overpass (Bishop Grandin) Rehabilitation**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1805002523  
 Service: Roadway Construction and Maintenance  
 OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	1,000	2,000	17,400	-	20,400	20,400
Financed by:									
Frontage Levy				500	500	4,544		5,544	5,544
Regional Street Renewal Reserve					621			621	621
Federal Gas Tax				500	879	12,856		14,235	14,235

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	850	1,850	15,089	2,611	-	20,400
Financed by:								
Frontage Levy			425	500	3,937	682		5,544
Regional Street Renewal Reserve				528	93			621
Federal Gas Tax			425	822	11,059	1,929		14,235

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery					259	46
<b>Net Cost/(Benefit)</b>	-	-	-	-	(259)	(46)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

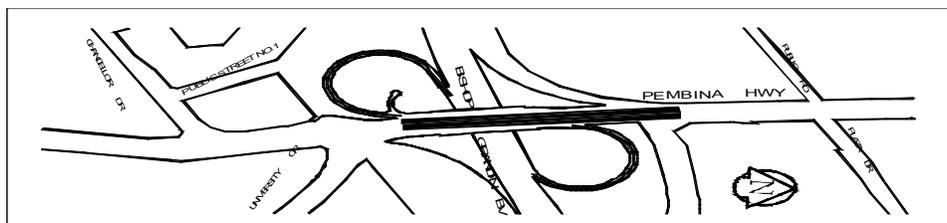
Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>			3	4	5	
<b>Authorization by Workstream (\$000's)</b>						
Feasibility			1,000			
Preliminary Design				2,000		
Detailed Design & Construction					17,400	

The overpass on Pembina Highway over Bishop Grandin requires bridge deck rehabilitation, including reconstruction of the exit loop ramps. The timeline for preliminary design, detailed design, and construction is noted in the Class Estimate table above.

Note that construction of a pedestrian-cycling overpass over Pembina Highway, connecting legs of the Bishop Grandin Greenway, is not included in the project scope.

The rehabilitated structure will provide an additional 50 years of service life and the new pedestrian overpass structure will provide a service life of 75 years.



# PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Osborne Street Underpass**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1805002325  
 Service: Roadway Construction and Maintenance  
 OurWinnipeg: Sustainability

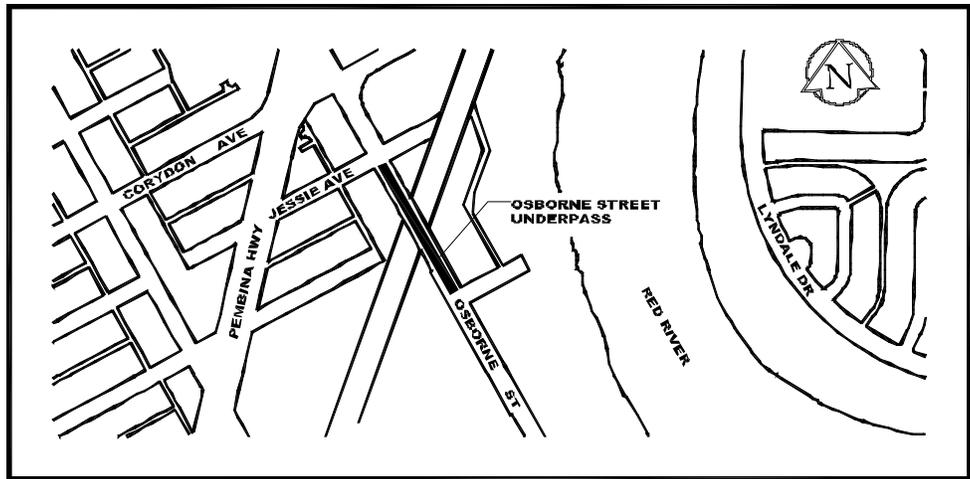
AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	1,100	-	1,100
Financed by:									
Frontage Levy							500		500
Federal Gas Tax							600		600

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	935	165	-	1,100
Financed by:								
Frontage Levy					425	75		500
Federal Gas Tax					510	90		600

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

The scope of work for this project has been revised to examine cost effective functional design alternatives for an active transportation grade separation, in the vicinity of the existing Osborne Street Underpass, to address a gap in the Active Transportation Network to cross the Canadian National Railway mainline. In addition, functional design will be undertaken to review rehabilitation of the existing Osborne underpass to address deficiencies in land drainage, vertical clearance, pavement condition, and traffic operations through the Osborne/ Pembina/Corydon/Donald intersection.



# PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **St. Vital Bridge Rehabilitation**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1805002721

Service: Roadway Construction and Maintenance  
 OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	2,000	6,074	15,600	23,200	-	-	44,874	46,874
Financed by:									
Frontage Levy		2,000	3,973	4,531	4,550			13,054	15,054
Regional Street Renewal Reserve			1,501		4,000			5,501	5,501
Federal Gas Tax			600	11,069	14,650			26,319	26,319

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,700	5,463	14,171	22,060	3,480	-	-	46,874
Financed by:								
Frontage Levy	1,700	3,677	4,447	4,547	683			15,054
Regional Street Renewal Reserve		1,276	225	3,400	600			5,501
Federal Gas Tax		510	9,499	14,113	2,197			26,319

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery		158	271	435	69	
<b>Net Cost/(Benefit)</b>	-	(158)	(271)	(435)	(69)	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>		
<b>Authorization by Workstream (\$000's)</b>						
Preliminary Design	2,000					
Detailed Design & Construction		6,074	15,600	23,200		

The St. Vital Bridge (Red River) connecting Osborne Street to Dunkirk Drive will require bridge deck rehabilitation, including marginal widening, to better accommodate pedestrian and cycling requirements. The timeline for preliminary design, detailed design, and construction is noted in the Class Estimate table above. Construction is expected to be staged over a two year period from 2023 to 2024.

The rehabilitated structure will provide an additional 50 years of service life.

Construction will not commence until a class 3 estimate is obtained.



## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Lagimodiere Twin Overpasses Rehabilitation (Concordia Avenue & CPR Keewatin)**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works Service: Roadway Construction and Maintenance  
Project: 1805002122 OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	2,000	-	2,000	-	20,000	24,000	24,000
Financed by:									
Frontage Levy			1,000		500		2,718	4,218	4,218
Regional Street Renewal Reserve			361				7,282	7,643	7,643
Federal Gas Tax			639		1,500		10,000	12,139	12,139

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	1,700	300	1,700	300	17,000	3,000	24,000
Financed by:								
Frontage Levy		850	150	425	75	2,310	408	4,218
Regional Street Renewal Reserve		307	54			6,190	1,092	7,643
Federal Gas Tax		543	96	1,275	225	8,500	1,500	12,139

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery				30	5	383
<b>Net Cost/(Benefit)</b>	-	-	-	(30)	(5)	(383)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>		4		4		5
<b>Authorization by Workstream (\$000's)</b>						
Preliminary Design		2,000				
Detailed Design & Construction				2,000		20,000

This project includes major rehabilitation of the Lagimodiere Twin Overpasses over Concordia Avenue and the Canadian Pacific Railway Keewatin rail lines. Improvements to traffic capacity and roadside safety will be determined as part of a preliminary design study. The timeline for preliminary and detailed design is noted in the class estimate table above. Construction is forecasted to take place over a two year period from 2026 to 2027 with a total project class 5 estimate of \$44 million.

The rehabilitated structure will provide an additional 50 years of service life.







## PUBLIC WORKS - GENERAL CAPITAL FUND

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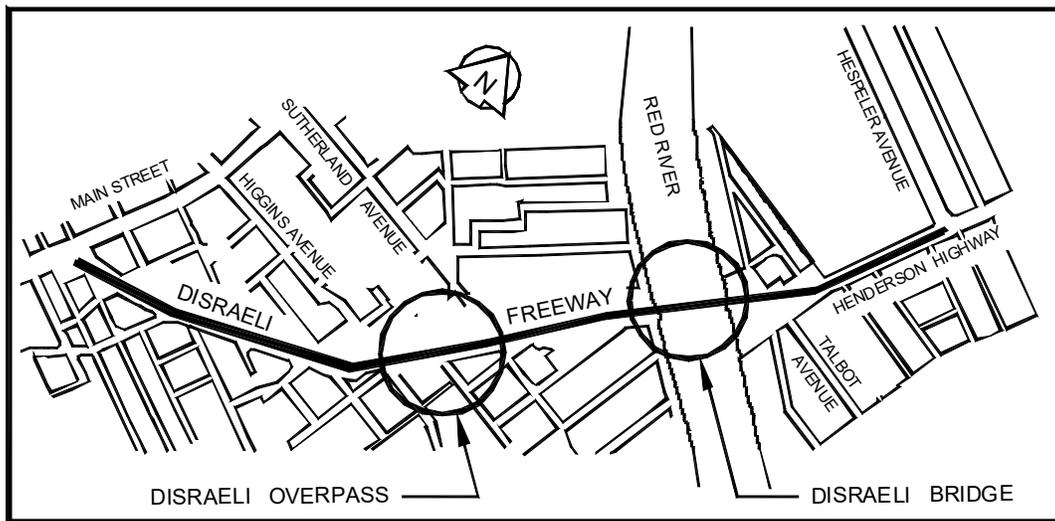
### ***Disraeli Bridge and Overpass Facility (continued):***

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.

On March 22, 2016, Council authorized a first charge of up to 30% of the annual lease payments prior to the adoption of annual capital budget in the event the capital budget is adopted after December 31, in order to facilitate payments on the P3 contract.

In accordance with By-law 8164/2002 where the City's capital budget has not been adopted before January 1 of the year to which the budget is applicable, the Chief Administrative Officer is authorized, before the adoption of the capital budget, to approve expenditures not exceeding 30% of the amount the City of Winnipeg is contractually obligated to pay annually in respect of Public-Private Partnerships, as a first charge against the General Capital Fund.

As financing and administration costs are implicit in the lease payments, this project is exempt from the Corporate Administration and Interest charges.



**PUBLIC WORKS - GENERAL CAPITAL FUND**

Project Name: **Charleswood Bridge**

Standing Policy: Infrastructure Renewal and Public Works  
 Committee:

Department: Public Works  
 Project: 1805001021

Service: Roadway Construction and Maintenance  
 OurWinnipeg: Key Directions for the Entire City

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital		1,478	1,478	1,478	1,478			4,434	5,912
Public Private Partnership Lease Payments		(1,478)	(1,478)	(1,478)	(1,478)			(4,434)	(5,912)

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,478	1,478	1,478	1,478	-	-	-	5,912
Financed by:								
Cash to Capital	1,478	1,478	1,478	1,478				5,912

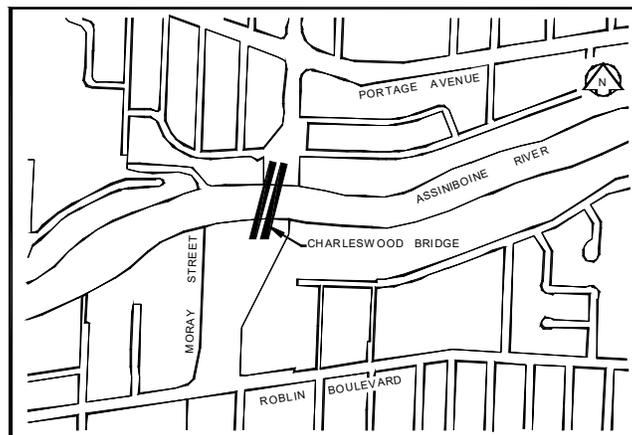
NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	1,478	1,478	1,478	1,478		
<b>Total Direct Costs</b>	1,478	1,478	1,478	1,478	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	1,478	1,478	1,478	1,478	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

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.





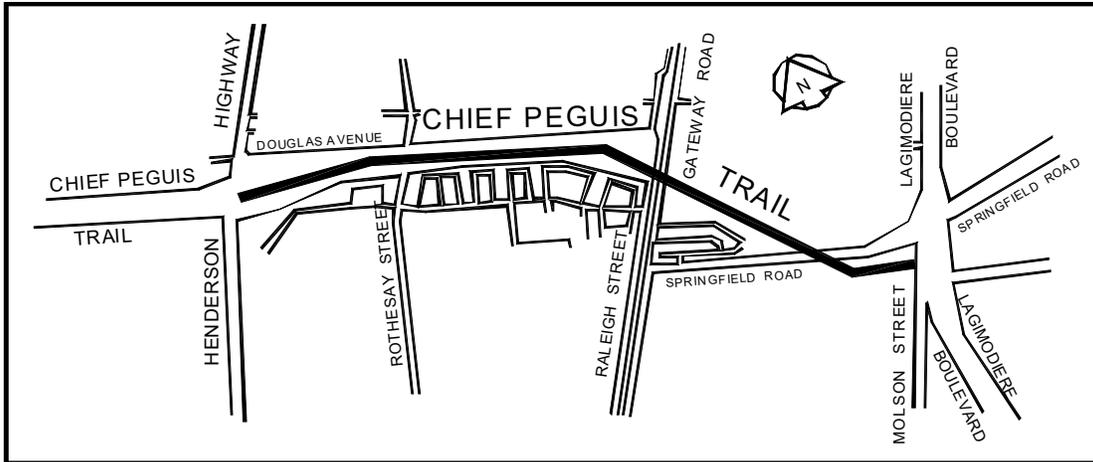
## PUBLIC WORKS - GENERAL CAPITAL FUND

### **Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard (continued):**

On March 22, 2016, Council authorized a first charge of up to 30% of the annual lease payments prior to the adoption of annual capital budget in the event the capital budget is adopted after December 31, in order to facilitate payments on the P3 contract.

In accordance with By-law 8164/2002 where the City's capital budget has not been adopted before January 1 of the year to which the budget is applicable, the Chief Administrative Officer is authorized, before the adoption of the capital budget, to approve expenditures not exceeding 30% of the amount the City of Winnipeg is contractually obligated to pay annually in respect of Public-Private Partnerships, as a first charge against the General Capital Fund.

As financing and administration costs are implicit in the lease payments, this capital project is exempt from the Corporate Administration and Interest charges.



## PUBLIC WORKS - GENERAL CAPITAL FUND

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

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Public Works  
Project: 1812000121

Service: Roadway Construction and Maintenance  
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	100	100	100	100	100	100	500	600
Financed by:									
Cash to Capital			75		75	75	75	300	300
Federal Gas Tax		25	25	25	25	25	25	125	150
External Debt		75		75				75	150

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	85	100	100	100	100	100	15	600
Financed by:								
Cash to Capital		64	11	64	75	75	11	300
Federal Gas Tax	21	25	25	25	25	25	4	150
External Debt	64	11	64	11				150

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	7	15	23	32	33	25
Transfer to General Capital Fund		75		75	75	75
<b>Total Direct Costs</b>	7	90	23	107	108	100
Less: Incremental Revenue/Recovery	2	3	3	3	3	3
<b>Net Cost/(Benefit)</b>	5	87	20	104	105	97
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The asset management program 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.

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



## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Regional Parks**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Public Works  
Project: 1853000321

Service: Parks and Urban Forestry  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	650	1,275	300	1,610	-	-	2,005	3,915	5,190
Financed by:									
Federal Gas Tax		1,100	300	1,569			2,005	3,874	4,974
External Debt		175		41				41	216

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,084	446	1,414	241	-	1,704	301	5,190
Financed by:								
Federal Gas Tax	935	420	1,379	235		1,704	301	4,974
External Debt	149	26	35	6				216

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	5	9	11	12	12	12
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	5	9	11	12	12	12
Less: Incremental Revenue/Recovery	17	7	19	3		21
<b>Net Cost/(Benefit)</b>	(12)	2	(8)	9	12	(9)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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

Funding in 2021, 2022 and 2023 will contribute to short and long term implementation strategies for Kilcona Park rehabilitation and enhancements based on the 2014 Strategic Renewal and Action Plan prepared by Hilderman Thomas Frank Cram Landscape Architecture in consultation with Meyers Norris Penny LLP, MMM Group Limited, and Prairie Architects Inc.

Prioritization of projects in 2021 - 2026 is subject to the Regional Parks Investment Strategy and Parks Strategy, planned for completion in 2021.

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Community and Neighbourhood Parks**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Public Works  
Project: 1853000126

Service: Parks and Urban Forestry  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	1,800	1,800	1,800
Financed by: Federal Gas Tax							1,800	1,800	1,800

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	1,530	270	1,800
Financed by: Federal Gas Tax						1,530	270	1,800

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						19
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	(19)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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

- play equipment and safety surfacing
- athletic fields
- sport courts
- off-leash dog areas

Prioritization of projects is subject to the Parks Strategy, planned for completion in 2021.

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Parks Buildings**

Standing Policy Committee: Protection, Community Services and Parks

Department: Public Works  
Project: 6318020121

Service: Parks and Urban Forestry  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	4,900	3,020	-	-	-	375	245	620	3,640
Financed by:									
Federal Gas Tax		2,642				375	245	620	3,262
External Debt		378						-	378

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,567	453	-	-	319	265	36	3,640
Financed by:								
Federal Gas Tax	2,246	396			319	265	36	3,262
External Debt	321	57						378

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	19	20	20	20	20
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	11	19	20	20	20	20
Less: Incremental Revenue/Recovery	39	7			4	3
<b>Net Cost/(Benefit)</b>	(28)	12	20	20	16	17
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Projects in 2021 will not proceed until a class 3 estimate is obtained.

Funds will be allocated to (\$000's):	2021	2022	2023	2024	2025	2026	Total
St Vital Park Yards - Garage/Staff House Replacement	2,650						2,650
Churchill Drive Park Public Washrooms/ Garage Replacement	370						370
Centennial Park Garage/Staff House Renewal					375		375
Grants Old Mill Public Washrooms Renewal						245	245
	<b>3,020</b>	-	-	-	<b>375</b>	<b>245</b>	<b>3,640</b>

Capital close-out of the above-listed projects will not commence until the projects are substantially completed.

## PUBLIC WORKS - GENERAL CAPITAL FUND

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

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Public Works  
Project: 1857000121

Service: Parks and Urban Forestry  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	2,100	1,890	1,731	300	300	1,264	5,485	7,585
Financed by:									
Cash to Capital					300	300		600	600
Federal Gas Tax		1,716	1,890	1,450			1,264	4,604	6,320
External Debt		384		281				281	665

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,785	1,922	1,754	515	300	1,119	190	7,585
Financed by:								
Cash to Capital				255	300	45		600
Federal Gas Tax	1,459	1,864	1,516	217		1,074	190	6,320
External Debt	326	58	238	43				665

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	19	41	59	76	79	79
Transfer to General Capital Fund				300	300	
<b>Total Direct Costs</b>	19	41	59	376	379	79
Less: Incremental Revenue/Recovery	29	25	27	12	10	15
<b>Net Cost/(Benefit)</b>	(10)	16	32	364	369	64
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Program is focused on playground restorations, including play equipment and safety surface replacements, along with associated amenity and pathway improvements to enhance accessibility, and other park and recreation enhancements. It is generally delivered by the Planning, Property and Development Department on behalf of the Parks and Open Space Division of the Public Works Department.

Funding is to be allocated annually as follows:

- Approximately \$300,000 each year dedicated to address general playground and amenity safety concerns as they arise city wide.
- Remaining funding to be divided equally between each of the fifteen electoral wards.

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

## PUBLIC WORKS - GENERAL CAPITAL FUND

### *Parks and Recreation Enhancement Program (continued):*

<b>(\$000's)</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>TOTAL</b>
Priority Safety-Related Concerns	300	300	306	300	300	304	1,810
Charleswood-Tuxedo-Westwood	120	106	95			64	385
Daniel McIntyre	120	106	95			64	385
Elmwood-East Kildonan	120	106	95			64	385
Fort Rouge-East Fort Garry	120	106	95			64	385
Mynarski	120	106	95			64	385
North Kildonan	120	106	95			64	385
Old Kildonan	120	106	95			64	385
Point Douglas	120	106	95			64	385
River Heights-Fort Garry	120	106	95			64	385
St. Boniface	120	106	95			64	385
St. James	120	106	95			64	385
St. Norbert - Seine River	120	106	95			64	385
St. Vital	120	106	95			64	385
Transcona	120	106	95			64	385
Waverley West	120	106	95			64	385
<b>Total</b>	<b>2,100</b>	<b>1,890</b>	<b>1,731</b>	<b>300</b>	<b>300</b>	<b>1,264</b>	<b>7,585</b>

The Director of Public Works may be required to reallocate ward budgets on approval of the ward councillors.

**PUBLIC WORKS - GENERAL CAPITAL FUND**

Project Name: **Rainbow Stage**

Standing Policy: Protection, Community Services and Parks  
 Committee:

Department: Public Works  
 Project: 6318010123

Service: Parks and Urban Forestry  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	1,500	1,500	-	-	3,000	3,000
Financed by: Federal Gas Tax				1,500	1,500			3,000	3,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	1,275	1,500	225	-	-	3,000
Financed by: Federal Gas Tax			1,275	1,500	225			3,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery			16	19	3	
<b>Net Cost/(Benefit)</b>	-	-	(16)	(19)	(3)	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

Renovations of Rainbow Stage at Kildonan Park to address fire and life safety issues, replacement of outdated user amenities, and improvement of accessibility for audience. City funding is subject to securing matching funds from other levels of government and/or private fundraising.

## PUBLIC WORKS - GENERAL CAPITAL FUND

Project Name: **Urban Forest Enhancement Program**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Public Works  
Project: 1850000221

Service: Parks and Urban Forestry  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	5,800	5,800	5,800	1,389	3,630	4,475	21,094	26,894
Financed by:									
Cash to Capital					805	3,630	3,980	8,415	8,415
Federal Gas Tax		2,503	3,083	4,500			495	8,078	10,581
Province of Manitoba Strategic Infrastructure Funding		3,297	2,717	1,300				4,017	7,314
External Debt					584			584	584

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	4,930	5,800	5,800	2,050	3,294	4,348	672	26,894
Financed by:								
Cash to Capital				684	3,206	3,928	597	8,415
Federal Gas Tax	2,128	2,996	4,287	675		420	75	10,581
Province of Manitoba Strategic Infrastructure Funding	2,802	2,804	1,513	195				7,314
External Debt				496	88			584

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges				31	67	73
Transfer to General Capital Fund				805	3,630	3,980
<b>Total Direct Costs</b>	-	-	-	836	3,697	4,053
Less: Incremental Revenue/Recovery	62	73	73	49	107	133
<b>Net Cost/(Benefit)</b>	(62)	(73)	(73)	787	3,590	3,920
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The program will include the following types of work which will be prioritized by need:

- Management of Dutch Elm Disease (DED)
- Emerald Ash Borer Beetle (EAB) response
- Tree pruning, removals and replacements
- Installation of tree vaults and silva cells along major routes (coordination with street and sidewalk renewals where possible)

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Standing Policy Committee: Protection, Community Services and Parks

Department: Community Services  
Project: 6210000121

Service: Libraries  
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	300	100	-	200	-	300	600	900
Financed by:									
Cash to Capital							300	300	300
Federal Gas Tax		150	100					100	250
External Debt		150						-	150
Transfer from Prior Year Authorization					200			200	200

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	300	100	-	200	-	300	-	900
Financed by:								
Cash to Capital						300		300
Federal Gas Tax	150	100						250
External Debt	150							150
Transfer from Prior Year Authorization				200				200

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	6	12	12	12	12	12
Transfer to General Capital Fund						300
<b>Total Direct Costs</b>	6	12	12	12	12	312
Less: Incremental Revenue/Recovery	7	1		7		10
<b>Net Cost/(Benefit)</b>	(1)	11	12	6	12	302
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Capital funding is required to address three areas:

1. Safety issues need to be addressed in many libraries including upgrading lighting, installing and upgrading closed circuit television video monitoring technology, exterior Crime Prevention Through Environmental Design improvements, and other building upgrades, as required, to ensure that libraries remain safe and welcoming to the community and deter vandalism and graffiti.
2. Accessibility issues, both physical and customer service related, 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.
3. 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.

Each year a portion of the funds will be utilized for projects within library facilities based upon established priorities.

Included in 2024 is \$200,000 rebudgeted from the adopted 2019 capital programs - see Appendix 4.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Library Refurbishment & Interior Infrastructure Program**

Standing Policy Committee: Protection, Community Services and Parks

Department: Community Services  
Project: 6210000224

Service: Libraries  
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	-	-	-	650	-	450	1,100	1,100
Financed by:									
Cash to Capital							450	450	450
Federal Gas Tax					299			299	299
Transfer from Prior Year Authorization					351			351	351

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	650	-	450	-	1,100
Financed by:								
Cash to Capital						450		450
Federal Gas Tax				299				299
Transfer from Prior Year Authorization				351				351

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						450
<b>Total Direct Costs</b>	-	-	-	-	-	450
Less: Incremental Revenue/Recovery				15		15
<b>Net Cost/(Benefit)</b>	-	-	-	(15)	-	435
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This capital program is required to support minor renovations and replacement of interior infrastructure (e.g. workstations, public work space, furniture, shelving and children's literacy areas) at libraries. Renovations and interior infrastructure replacement is required in order to ensure that library branches are safe, functional, accessible and part of a welcoming environment for library users, that meet defined customer levels of service.

Included in 2024 is \$351,000 rebudgeted from the adopted 2019 capital programs - see Appendix 4.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6210000323  
Service: Libraries  
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	-	-	325	-	350	-	675	675
Financed by:									
Cash to Capital						350		350	350
Federal Gas Tax				8				8	8
External Debt				317				317	317

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	325	-	350	-	-	675
Financed by:								
Cash to Capital					350			350
Federal Gas Tax			8					8
External Debt			317					317

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			35	71	71	71
Transfer to General Capital Fund					350	
<b>Total Direct Costs</b>	-	-	35	71	421	71
Less: Incremental Revenue/Recovery			10		11	
<b>Net Cost/(Benefit)</b>	-	-	25	71	410	71
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Winnipeg Library Service supports the digital economy and fosters digital literacy by making public access computers available to all customers. 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 service 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 digitalization projects.

The acquisition of information technology has an impact on the Library Services operating budget due to maintenance and/or licensing costs associated with equipment and applications.

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



## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **South Winnipeg Recreation Campus: Library and Site Development**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6210000626  
Service: Libraries  
OurWinnipeg: Libraries

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	1,500	1,500	1,500
Financed by: Federal Gas Tax							1,500	1,500	1,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	1,500	-	1,500
Financed by: Federal Gas Tax						1,500		1,500

NET OPERATING IMPACT (000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						19
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	(19)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>						4/5
<b>Authorization by Workstream (\$000's)</b>						
Preliminary Design						500
Detailed Design & Construction						1,000

With an anticipated population of approximately 40,000 to 50,000 people once fully developed, the Waverley West area currently has no library facility. A new community library is planned as an addition to the South Winnipeg Recreation Campus building, providing an integrated, multi-purpose recreation, leisure and library destination. Funding in 2026 includes \$500,000 for Preliminary Design to obtain a class 3 estimate for the library addition and \$1.0 million for site development work related to the overall recreation site including athletic fields, pathways and park amenities.

Incremental operating costs cannot be estimated at this time and will be included when known.

Construction will not commence until a class 3 estimate is obtained.

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Standing Policy Committee: Protection, Community Services and Parks

Department: Community Services Service: Recreation  
Project: 6250000121 OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	235	130	150	279	190	308	1,057	1,292
Financed by:									
Cash to Capital						190	308	498	498
Federal Gas Tax		73		150	108			258	331
External Debt		50						-	50
Transfer from Prior Year Authorization		112	130		171			301	413

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	235	130	150	279	190	308	-	1,292
Financed by:								
Cash to Capital					190	308		498
Federal Gas Tax	73		150	108				331
External Debt	50							50
Transfer from Prior Year Authorization	112	130		171				413

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	2	4	4	4	4	4
Transfer to General Capital Fund					190	308
<b>Total Direct Costs</b>	2	4	4	4	194	312
Less: Incremental Revenue/Recovery	6	4	4	7	6	10
<b>Net Cost/(Benefit)</b>	(4)	-	-	(3)	188	302
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This capital program addresses workplace and public safety, health, and accessibility issues.

Recreation and aquatic facility amenities must be refurbished to meet public health and safety standards, regulations, and to enhance facilities to meet the needs of the public including:

1. Safety issues need to be addressed including upgrading lighting, installing and upgrading closed circuit television video monitoring technology, automated external defibrillator replacements at facilities and other building upgrades as required to ensure that facilities remain safe and welcoming to the community.
2. Address physical and customer service accessibility issues including washrooms, change rooms, specialty change rooms, kitchens, signage, public entranceways and installing life safety apparatus to meet the needs of persons with disabilities. Priority projects include renovation of the community kitchens at Magnus Eliason Recreation Centre and/or Turtle Island Recreation Centre to meet accessibility and public health requirements as well as community program needs.
3. Upgrades and replacements to facility signage including electronic signs for promotion of services and programs.

Each year a portion of the funds will be utilized for projects within the City's aquatic facilities and recreation centres based upon established priorities.

Funding includes \$413,000 rebudgeted from 2019 adopted capital programs - see Appendix 4.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Fitness Equipment Upgrade Program**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6250000221  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	300	295	310	320	330	340	1,595	1,895
Financed by:									
Cash to Capital						326	340	666	666
Federal Gas Tax		300	295	178	255	4		732	1,032
Transfer from Prior Year Authorization				132	65			197	197

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	300	295	310	320	330	340	-	1,895
Financed by:								
Cash to Capital					326	340		666
Federal Gas Tax	300	295	178	255	4			1,032
Transfer from Prior Year Authorization			132	65				197

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund					326	340
<b>Total Direct Costs</b>	-	-	-	-	326	340
Less: Incremental Revenue/Recovery	4	4	7	5	11	11
<b>Net Cost/(Benefit)</b>	(4)	(4)	(7)	(5)	315	329
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Capital funding is required to replace cardio and strength based fitness equipment, on a rotating cycle, at the City's multi-use recreation and aquatic facilities, to continue to meet the program needs of patrons, and to minimize safety issues that could arise from aging fitness equipment. Life cycle renewal of fitness equipment is a key part of the department's asset management plan in order to maintain customer levels of service.

Funding includes \$197,000 rebudgeted from 2019 adopted capital programs - see Appendix 4.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Boni-Vital Pool**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6362400321

Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	432	5,360	-	-	-	-	-	-	5,360
Financed by: Federal Gas Tax		5,360						-	5,360

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	5,360	-	-	-	-	-	-	5,360
Financed by: Federal Gas Tax	5,360							5,360

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	67					
<b>Net Cost/(Benefit)</b>	(67)	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>	4/5					
<b>Authorization by Workstream (\$000's)</b>						
Preliminary Design	500					
Detailed Design & Construction	4,860					

Capital funding is required to support facility renewal and upgrades to extend the service life of Boni-Vital Pool, including but not limited to critical building systems renewal, accessibility improvements and renovation of public spaces.

The current funding requirements are based on class 5 estimates developed through planning level assessments and previous building studies. These funding requirements will be revised as engineering progresses; cost estimates will be updated to class 3 prior to construction.

Capital funds in 2021 include \$500,000 for preliminary design and \$4.86 million for construction.

On March 20, 2020, Council authorized a first charge of \$500,000 in 2020 or prior to the adoption of the 2021 capital budget to facilitate timely delivery of the project.



## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **East of the Red RecPlex**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6362500825  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	1,000	-	1,000	1,000
Financed by: Cash to Capital						1,000		1,000	1,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	1,000	-	-	1,000
Financed by: Cash to Capital					1,000			1,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund					1,000	
<b>Total Direct Costs</b>	-	-	-	-	1,000	-
Less: Incremental Revenue/Recovery					33	
<b>Net Cost/(Benefit)</b>	-	-	-	-	968	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Capital funding is required to develop a regional recreation and aquatic facility that would include a leisure pool, lane swim tank, indoor track, fitness areas, gymnasium and multi-purpose rooms all attached to the newly constructed Transcona Library at the former 1500 Plessis site.

The existing Transcona Centennial Indoor Pool and other facilities in the area are near the end of their service life and are in need of significant investment or replacement. These buildings also do not currently meet accessibility standards and service expectations. The proposed new facility would provide a state of the art, energy-efficient public amenity, while allowing for the decommissioning of existing, aging assets. In addition, northeast Winnipeg has experienced significant growth and currently lacks adequate City-owned recreation space to provide Leisure Guide or drop-in recreation/leisure programming. The proposed facility will provide the multi-purpose and gymnasium space to meet these service needs.

Funding in 2025 is for public engagement, project planning and preliminary design to develop a class 3 cost estimate to inform capital budget requirements. Project construction will not proceed until a class 3 estimate is obtained.

Incremental operating costs cannot be estimated at this time and will be included when known.

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Southeast Winnipeg New Community Centre and Library**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6362500926  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	382	382	382
Financed by:									
Cash to Capital							250	250	250
Federal Gas Tax							132	132	132

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	382	-	382
Financed by:								
Cash to Capital						250		250
Federal Gas Tax						132		132

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						250
<b>Total Direct Costs</b>	-	-	-	-	-	250
Less: Incremental Revenue/Recovery						10
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	240
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The City is experiencing significant population growth in the southeast region, including new neighbourhoods of Sage Creek and Bonavista as well as established areas of Island Lakes and Royalwood. Service requirements include the need for multi-purpose recreation space, gymnasium space, and a library to serve this growing community. The General Council of Winnipeg Community Centres Plan 2025 also identified the need to build a new recreation facility somewhere in the south-east corner of the city to accommodate the residential expansion associated with these same areas. Through the Neighbourhood Area Structure Plan for Precinct 'K', an approximately 11 acre site in the Bonavista neighbourhood has been acquired by the city which could be a potential site for the recreation/community centre. A site for the library has yet to be determined.

Funding in 2026 is for a feasibility study and market analysis to confirm development options as well as public and stakeholder engagement to confirm project scope and priorities.

Incremental operating costs cannot be estimated at this time and will be included when known.

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Technology Advancement Program**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6262000121  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	100	-	-	310	-	300	610	710
Financed by:									
Cash to Capital					310		300	610	610
External Debt		100						-	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	100	-	-	310	-	300	-	710
Financed by:								
Cash to Capital				310		300		610
External Debt	100							100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	22	22	22	22	10
Transfer to General Capital Fund				310		300
<b>Total Direct Costs</b>	11	22	22	332	22	310
Less: Incremental Revenue/Recovery	3			10		10
<b>Net Cost/(Benefit)</b>	8	22	22	322	22	300
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Capital funding is required for technological initiatives, which allow Community Services to upgrade existing information technology systems and introduce new / innovative technologies. The projects will incorporate technology that will allow increased efficiencies and reliability, and improve service delivery by being more responsive to customers. The funding will be used for hardware, software, and consulting services.

Projects for 2021 may include but are not limited to:

1. Staff Scheduling System to enable enhanced scheduling efficiency of staff at facilities.
2. Facility Utilization Data Collection System for various sites and review of possible pilot sites, including indoor and outdoor pools.
3. Continuation of the Advertising Program which includes the implementation of digital displays signage at Community Services facilities.
4. Electronic reader outdoor signage for multi-use recreation and aquatic facilities.
5. Charging Stations for several indoor pool and recreation facilities.
6. Miscellaneous upgrades including the purchasing and installation of projectors, mobile software, etc.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

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

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6252000121  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	2,000	2,000	2,000	965	965	965	6,895	8,895
Financed by:									
Financial Stabilization Reserve		1,035	1,035	1,035				2,070	3,105
Land Operating Reserve		965	965	965	965	965	965	4,825	5,790

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,000	2,000	2,000	965	965	965	-	8,895
Financed by:								
Financial Stabilization Reserve	1,035	1,035	1,035					3,105
Land Operating Reserve	965	965	965	965	965	965		5,790

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

The Community Centre Renovation Grant Program (CCRGP), approved in February 2012, is to provide up to \$965,000 in dedicated funding to renovation projects for city-owned, board-run community centres in order to maintain and/or improve community centre infrastructure. On March 20, 2019, Council approved an increase to the program with an annual transfer of \$1.035 million starting in 2019 up to 2023. The program is open to all General Council Winnipeg Community Centres (GCWCC) in Winnipeg, is subject to an application process with two intake periods per year, project evaluation completed by a joint committee of GCWCC and the City, with maximum City contributions to each project of \$100,000 per project, subject to the grant program criteria.

Annually, up to \$965,000 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 CCRGP) 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 2021 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 2019).

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 aggregate amount (i.e. \$235,000 programming grant + \$965,000 for the CCRGP) 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 CCRGP.

An additional \$1.035 million per year is provided for the program for five years, beginning in 2019 and is funded from the Financial Stabilization Reserve.

Operating expenses for 1 temporary full-time equivalent, beginning in 2020 through to 2023, are required to administer the expanded program and will be fully recovered through the CCRGP capital.

As this is a capital grant program, it is exempt from interest and administrative overhead capital charges.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Community Incentive Grant Program (CIGP)**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6251000121

Service: Community Liveability  
OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	1,000	1,000	-	-	-	-	1,000	2,000
Financed by: External Debt		1,000	1,000					1,000	2,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,000	1,000	-	-	-	-	-	2,000
Financed by: External Debt	1,000	1,000						2,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	33	89	111	111	111	111
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	33	89	111	111	111	111
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	33	89	111	111	111	111
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

The Community Incentive Grant Program (CIGP), 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.

Community committees are the delegated authority to allocate CIGP funding.

Operating expenses for 1 full-time equivalent Community Development Worker is budgeted in the operating budget and recovered through the CIGP capital for direct costs to administer the program.

As this is a capital grant program, it is exempt from interest and administrative overhead capital charges.

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

**COMMUNITY SERVICES - GENERAL CAPITAL FUND**

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

Standing Policy Committee: Protection, Community Services and Parks

Department: Community Services      Service: Arts, Entertainment and Culture  
 Project: 6200000121      OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	5,100	5,400	5,400	5,400	5,400	5,400	27,000	32,100
Financed by:									
Cash to Capital					1,690	2,000	2,000	5,690	5,690
External Debt		2,000	1,000	1,683	3,400	3,400	3,400	12,883	14,883
Federal Gas Tax			1,000					1,000	1,000
Province of Manitoba Strategic Infrastructure Funding		3,100	3,400	3,400				6,800	9,900
Transfer from Prior Year Authorization				317	310			627	627

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	5,100	5,400	5,400	5,400	5,400	5,400	-	32,100
Financed by:								
Cash to Capital				1,690	2,000	2,000		5,690
External Debt	2,000	1,000	1,683	3,400	3,400	3,400		14,883
Federal Gas Tax		1,000						1,000
Province of Manitoba Strategic Infrastructure Funding	3,100	3,400	3,400					9,900
Transfer from Prior Year Authorization			317	310				627

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	67	142	229	409	640	871
Transfer to General Capital Fund				1,690	2,000	2,000
<b>Total Direct Costs</b>	67	142	229	2,099	2,640	2,871
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	67	142	229	2,099	2,640	2,871
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

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 capital grant was 2010 with \$5.123 million provided each year from 2010 to 2019. The redetermination process for the grant was completed in 2020 and funding has been included at \$5.1 million in 2021 and \$5.4 million from 2022 - 2026.

The capital grant authorized through this capital budget is subject to redetermination next planned for 2024.

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

Funding includes \$627,000 rebudgeted from 2019 adopted capital programs - see Appendix 4.

As this is a capital grant program, it is exempt from interest and administrative overhead capital charges.

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

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

Project Name: **Recreation and Library Facility Investment Strategy**

Standing Policy: Protection, Community Services and Parks  
Committee:

Department: Community Services  
Project: 6362800021  
Service: Recreation  
OurWinnipeg: Recreation

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	16,700	16,700	16,600	-	-	-	33,300	50,000
Financed by: Province of Manitoba Strategic Infrastructure Funding		16,700	16,700	16,600				33,300	50,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	16,700	16,700	16,600	-	-	-	-	50,000
Financed by: Province of Manitoba Strategic Infrastructure Funding	16,700	16,700	16,600					50,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	100					
<b>Net Cost/(Benefit)</b>	(100)	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Note: all recommended projects are generally based on Class 5 estimates with appropriate contingencies for that scale of design.

On March 20, 2020, Council directed the Public Service to report back within 180 days on a new 3-year recreation and library facility investment strategy of up to \$50 million, starting in 2021 to be funded from the City's anticipated annual strategic infrastructure allocation from the Province of Manitoba.

On November 26, 2020, Council approved the Recreation and Library Facility Investment Strategy with a program of projects and investments across the indoor pool, outdoor pool, arena, recreation centre, community centre and library portfolios that renew and redevelop facilities to improve and maintain service throughout the city.

Key principles and strategies to guide recommended investments include:

- i) Address unfunded critical infrastructure needs for the City's most highly used, multi-purpose recreation facilities;
- ii) Prioritization of investments using the City's asset management principles and processes;
- iii) Improve and maintain neighbourhood and community facilities that support higher needs areas of the city;
- iv) Complete the Library Redevelopment Strategy projects previously adopted by Council;
- v) Provide a potential City contribution to an Arena twinning/redevelopment process undertaken by Request for Proposals;
- vi) Support grassroots planning efforts of the General Council of Winnipeg Community Centres to guide future community centre investment;
- vii) Providing opportunities to leverage funding through community, corporate and government partnerships.

This program includes a maximum of 1 temporary FTE beginning in 2021 through 2023 to provide overall project coordination and support.

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

### Recreation and Library Facility Investment Strategy (continued):

Recommended Project/Program (\$000's)	2021	2022	2023	3-year Total	Notes
<b><u>Recreation Facility Maintenance Capital Program (\$1.0 million/yr.)</u></b>					
Indoor & Outdoor Aquatic Facilities Arenas Community Centres, Recreation & Leisure Centres Libraries	1,000	1,000	1,000	3,000	Provides dedicated funding for capital maintenance and critical renewal of recreation and library assets
<b>Total Facility Maintenance Capital Program</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>3,000</b>	
<b><u>Multi-use Indoor Pool Renewal Projects</u></b>					
Cindy Klassen Recreation Centre Building Renewal*	2,000			2,000	
Pan Am Pool Building Renewal			6,000	6,000	Pool tank structural repairs & building renewal
Seven Oaks Pool Building Renewal	3,500			3,500	
St. James-Assiniboia Centennial Pool Building Renewal		3,500		3,500	
<b>Total Indoor Pools</b>	<b>5,500</b>	<b>3,500</b>	<b>6,000</b>	<b>15,000</b>	
<b><u>Recreation Centre Projects</u></b>					
Old Ex Arena and Site Redevelopment*	5,900			5,900	Facility upgrades, addition and adjacent park amenity improvements.
Turtle Island Neighbourhood Centre Kitchen & Building Systems*		1,800		1,800	Required accessibility & health code renewal of kitchen; building system renewal
Magnus Eliason Recreation Centre Kitchen Renewal*	300			300	Required accessibility and health code renewal of kitchen
Portage Place Community Space*			2,100	2,100	Per Council direction 07/23/2020
<b>Total Recreation Centres</b>	<b>6,200</b>	<b>1,800</b>	<b>2,100</b>	<b>10,100</b>	
<b><u>Arena Projects</u></b>					
City contribution to Arena Twinning request for proposal		8,000		8,000	Per 2010 Arena Strategy
<b>Total Arenas</b>		<b>8,000</b>		<b>8,000</b>	
<b><u>Outdoor Aquatics Projects</u></b>					
Dakota Waterplay Park Re-surfacing	400			400	New safety surfacing and deck repairs
Kildonan Park Outdoor Pool Liner			400	400	Pool liner replacement
<b>Total Outdoor Aquatics</b>	<b>400</b>		<b>400</b>	<b>800</b>	
<b><u>Library Projects</u></b>					
Millennium Library Electrical / HVAC Renewal*	1,500			1,500	Electrical service, distribution, lighting & sprinkler system
St. James & Westwood Library Renewals/ Lease			4,000	4,000	Renewal/ new lease options
<b>Total Libraries</b>	<b>1,500</b>		<b>4,000</b>	<b>5,500</b>	
<b><u>Community Centre Projects</u></b>					
General Council of Winnipeg Community Centres Plan 2045		300		300	Planning process to identify future community centre investment
<b>Total Community Centres</b>		<b>300</b>		<b>300</b>	
<b><u>Unallocated</u></b>					
Land Dedication Reserve	2,000	2,000	3,000	7,000	Subject to terms and conditions of the Land Dedication Reserve Fund
<b>Total Land Dedication Reserve</b>	<b>2,000</b>	<b>2,000</b>	<b>3,000</b>	<b>7,000</b>	
<b><u>Administration</u></b>					
Temporary FTE-Project Coordination	100	100	100	300	
<b>Total</b>	<b>16,700</b>	<b>16,700</b>	<b>16,600</b>	<b>50,000</b>	

## COMMUNITY SERVICES - GENERAL CAPITAL FUND

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### ***Recreation and Library Facility Investment Strategy (continued):***

\*Indicates project supporting higher needs areas

Project budgets above are notional and may be adjusted within the overall program as design and project scoping proceeds. Upon completion of approved projects, any unspent budget will be reallocated to other projects within the program based on need at that time.

For each approved project, up to 10% of the allocated budget be approved as a first call in the preceding budget year to facilitate project planning and design.

On November 26, 2020 Council directed that unallocated funds in the amount of \$7.0 million be allocated to the Land Dedication Reserve Fund, to be distributed equally amongst each of the 15 electoral wards over three years and that the use of the funds be subject to the terms and conditions of the Land Dedication Reserve Fund policy.

On December 16, 2020, Council authorized a first charge of up to \$300,000 in 2021 or prior to the adoption of the 2022 capital budget for the Recreation and Library Facility Investment Strategy - Land Dedication Reserve Fund allocation.

Construction will not proceed on any individual project until a class 3 estimate is obtained.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **East District Police Station**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 6331002821

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	13,925	-	-	-	-	-	-	-	-
Financed by:									
Cash to Capital		1,056	1,056	1,089	1,155	1,155	1,155	5,610	6,666
Public Private Partnership Lease Payments		(1,056)	(1,056)	(1,089)	(1,155)	(1,155)	(1,155)	(5,610)	(6,666)

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,056	1,056	1,089	1,155	1,155	1,155	14,795	21,461
Financed by:								
Cash to Capital	1,056	1,056	1,089	1,155	1,155	1,155	14,795	21,461

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	1,056	1,056	1,089	1,155	1,155	1,155
<b>Total Direct Costs</b>	1,056	1,056	1,089	1,155	1,155	1,155
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	1,056	1,056	1,089	1,155	1,155	1,155
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

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 administration and short-term financing charge.

On March 22, 2016, Council authorized a first charge of up to 30% of the annual lease payments prior to the adoption of the annual capital budget, in the event the capital budget is adopted after December 31, in order to facilitate payments on the P3 contract.

In accordance with By-law 8164/2002, where the City's capital budget has not been adopted before January 1 of the year to which the budget is applicable, the Chief Administrative Officer is authorized, before the adoption of the capital budget, to approve expenditures not exceeding 30% of the amount the City of Winnipeg is contractually obligated to pay annually in respect of Public-Private Partnerships, as a first charge against the General Capital Fund.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Computer Assisted Dispatch Upgrade**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2204700023  
 Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	575	-	-	375	-	-	410	785	785
Financed by:									
Cash to Capital							410	410	410
External Debt				375				375	375

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	375	-	-	410	-	785
Financed by:								
Cash to Capital						410		410
External Debt			375					375

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			41	84	84	84
Transfer to General Capital Fund						410
<b>Total Direct Costs</b>	-	-	41	84	84	494
Less: Incremental Revenue/Recovery			12			13
<b>Net Cost/(Benefit)</b>	-	-	29	84	84	481
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The Winnipeg Police Service's Computer Assisted Dispatch System (CAD) is evergreened on a 5-year cycle. The CAD system enables the Service to manage and dispatch emergency calls. The current system is a hybrid of digital and analogue technologies that requires phased upgrades to interface with the all-digital Next Generation 911 system.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Next Generation 911**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2203600021

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	800	1,000	-	-	-	-	-	-	1,000
Financed by:									
Cash to Capital		914						-	914
External Debt		86						-	86

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,000	-	-	-	-	-	-	1,000
Financed by:								
Cash to Capital	914							914
External Debt	86							86

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	9	19	19	19	19	8
Transfer to General Capital Fund	914					
<b>Total Direct Costs</b>	923	19	19	19	19	8
Less: Incremental Revenue/Recovery	32					
<b>Net Cost/(Benefit)</b>	891	19	19	19	19	8
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Technological changes in 911 to include the latest upgrades to telephony and 911 systems with provisions for video/texting and other technological advancements. This will include upgrade to a fully Public Safety grade Internet protocol network at both the primary and back up Public Safety Answering Point and the required upgrades to standard operating guidelines and inter-operability with partner agencies.

This project is estimated in US dollars and converted to Canadian currency.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **911 Renewal**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2200100026

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	2,151	2,151	2,151
Financed by: Cash to Capital							2,151	2,151	2,151

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	2,151	-	2,151
Financed by: Cash to Capital						2,151		2,151

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						2,151
<b>Total Direct Costs</b>	-	-	-	-	-	2,151
Less: Incremental Revenue/Recovery						70
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	2,081
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

This project will provide the evergreening renewal of the 911 system.

911 renewals will provide continued reliable support for the latest telephony and 911 systems with provisions for video/texting and other technological advancements. This will include upgrades to the Public Safety grade Internet protocol network at both the primary and back up Public Safety Answering Point. As well, required upgrades to standard operating guidelines and inter-operability with partner agencies will be in scope.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Communication Sites Upgrade - Media Logger (formerly Communication Sites Upgrade - Audio Loggers)**

Standing Policy Committee: Winnipeg Police Board

Department: Winnipeg Police Service  
Project: 2205700022

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	1,453	-	-	-	-	1,453	1,453
Financed by: Cash to Capital			1,453					1,453	1,453

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	1,453	-	-	-	-	-	1,453
Financed by: Cash to Capital		1,453						1,453

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund		1,453				
<b>Total Direct Costs</b>	-	1,453	-	-	-	-
Less: Incremental Revenue/Recovery		47				
<b>Net Cost/(Benefit)</b>	-	1,406	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Funding for upgrading media loggers and related Next Gen 911 equipment at the 911 communication centre and backup site. The loggers are evergreened on a 5-year plan to ensure operations of the main and back-up sites comply with Public Safety Answering Point legislation timelines for bringing systems back online.

On December 16, 2020, Council authorized a first charge of \$1,453,000 in 2021 or prior to the adoption of the 2022 capital budget to coordinate the logger service date with Next Generation 911 delivery.

This project is estimated in US dollars and converted to Canadian currency.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Building Security System Evergreening**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2200100023

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	159	-	-	-	159	159
Financed by: External Debt				159				159	159

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	159	-	-	-	-	159
Financed by: External Debt			159					159

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			17	35	35	35
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	17	35	35	35
Less: Incremental Revenue/Recovery			5			
<b>Net Cost/(Benefit)</b>	-	-	12	35	35	35
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Evergreening project to replace equipment, supporting facility security systems, to ensure that the building security information technology hardware and software are stable, current, and run without failure. Systems include card access, video management system, key management, intercom and paging system hardware for all Winnipeg Police Service facilities.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Schedule and Management System Upgrade**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2204800021

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	500	-	-	-	-	-	-	500
Financed by: Cash to Capital		500						-	500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	-	-	-	-	-	-	500
Financed by: Cash to Capital	500							500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	500					
<b>Total Direct Costs</b>	500	-	-	-	-	-
Less: Incremental Revenue/Recovery	16					
<b>Net Cost/(Benefit)</b>	484	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The Schedule and Management System (SAMS) is an in-house developed rostering and overtime control system used to maintain member attendance and shift scheduling records. The current system requires a major rewrite in 2021 to align SAMS with the updated City of Winnipeg payroll software.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Communication Sites - Radio Consoles/Batteries**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2206200024

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	575	-	-	575	575
Financed by: Cash to Capital					575			575	575

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	575	-	-	-	575
Financed by: Cash to Capital				575				575

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund				575		
<b>Total Direct Costs</b>	-	-	-	575	-	-
Less: Incremental Revenue/Recovery				19		
<b>Net Cost/(Benefit)</b>	-	-	-	556	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

Replacing radio consoles and batteries at the 911 communication centre and backup site. The radio consoles are evergreened on a 5-year plan to ensure operations of the main and back-up sites comply with Public Safety Answering Point legislation timelines for bringing systems back online.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2201700021

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	300	190	-	-	-	-	-	-	190
Financed by: Cash to Capital		190						-	190

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	190	-	-	-	-	-	-	190
Financed by: Cash to Capital	190							190

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	190					
<b>Total Direct Costs</b>	190	-	-	-	-	-
Less: Incremental Revenue/Recovery	6					
<b>Net Cost/(Benefit)</b>	184	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

New District 3 (North Station) information technology requirements to align with capital funding allocated for a new station. Equipment includes net new computer and networking hardware for building security and connectivity with Headquarters.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Flight Operations Overhaul**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2205200022  
Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	602	-	-	-	-	602	602
Financed by: Cash to Capital			602					602	602

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	602	-	-	-	-	-	602
Financed by: Cash to Capital		602						602

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund		602				
<b>Total Direct Costs</b>	-	602	-	-	-	-
Less: Incremental Revenue/Recovery		20				
<b>Net Cost/(Benefit)</b>	-	582	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The helicopter (AIR1) will require an overhaul as part of the scheduled 12,000 hour inspection as dictated by the Canadian Aviation Regulations. This is a restoration process that includes the disassembly, inspection, repair or replacement of parts, reassembly, adjustment, refinishing, and testing of AIR1 and ensures that the helicopter is in complete conformity with the service tolerances specified for continued airworthiness.

On December 16, 2020, Council authorized a first charge of \$602,000 in 2021 or prior to the adoption of the 2022 capital budget to facilitate the timely delivery of the overhaul.

**WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND**

Project Name: **Flight Operations - Forward Looking Infra-Red (FLIR) Equipment**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2205300022  
 Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	792	-	-	-	-	792	792
Financed by: Cash to Capital			792					792	792

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	792	-	-	-	-	-	792
Financed by: Cash to Capital		792						792

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund		792				
<b>Total Direct Costs</b>	-	792	-	-	-	-
Less: Incremental Revenue/Recovery		26				
<b>Net Cost/(Benefit)</b>	-	766	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

To replace the existing Forward Looking Infra-Red equipment installed on the helicopter, as it is reaching the end of its life expectancy.

This gyroscopically stabilized high definition infrared camera has a high power optical zoom as well as thermal imagery, which tracks people or evidence by heat signatures, video image or a blended image.

This project is estimated in US dollars and converted to Canadian currency.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2205600021

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	500	500	-	-	-	-	-	-	500
Financed by: Cash to Capital		500						-	500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	-	-	-	-	-	-	500
Financed by: Cash to Capital	500							500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	500					
<b>Total Direct Costs</b>	500	-	-	-	-	-
Less: Incremental Revenue/Recovery	16					
<b>Net Cost/(Benefit)</b>	484	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The programmable matching accelerator is a critical component of the Automated Fingerprint Identification System, which is used to capture and search fingerprint records. At the current rate, our existing system will reach its capacity in 2021. This amount is requested to increase storage capacity.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

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

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2203200024

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,200	-	-	-	1,325	112	-	1,437	1,437
Financed by: Cash to Capital					1,325	112		1,437	1,437

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	1,325	112	-	-	1,437
Financed by: Cash to Capital				1,325	112			1,437

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund				1,325	112	
<b>Total Direct Costs</b>	-	-	-	1,325	112	-
Less: Incremental Revenue/Recovery				43	4	
<b>Net Cost/(Benefit)</b>	-	-	-	1,282	108	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

Technological changes in information systems requires upgrading and evergreening. Systems include core switches, firewalls, network storage, and business continuity infrastructure to support current level of service.

This project is estimated in US dollars and converted to Canadian currency.

**WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND**

Project Name: **North District Station - Furniture, Fixtures and Equipment**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2206000021  
 Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	700	-	-	-	-	-	-	700
Financed by: Cash to Capital		700						-	700

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	700	-	-	-	-	-	-	700
Financed by: Cash to Capital	700							700

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	700					
<b>Total Direct Costs</b>	700	-	-	-	-	-
Less: Incremental Revenue/Recovery	23					
<b>Net Cost/(Benefit)</b>	677	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

New District 3 (North Station) furnishings, fixtures and equipment to align with capital funding allocated for a new station. Equipment includes new workstations, tables, chairs and case goods.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **In Car Computing**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2203700025

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,500	-	-	-	-	1,736	1,544	3,280	3,280
Financed by: Cash to Capital						1,736	1,544	3,280	3,280

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	1,736	1,544	-	3,280
Financed by: Cash to Capital					1,736	1,544		3,280

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund					1,736	1,544
<b>Total Direct Costs</b>	-	-	-	-	1,736	1,544
Less: Incremental Revenue/Recovery					56	50
<b>Net Cost/(Benefit)</b>	-	-	-	-	1,680	1,494
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

The mobile computing technology in Police Service vehicles must be evergreened every 5 years due to the obsolescence of this equipment and the harsh environment to which they are subjected. Currently 235 vehicles require mobile computing devices plus a small contingency for spare devices. This includes the evergreening of laptops/tablets and keyboards, docks, modems, antennae, mounting equipment and associated cabling necessary to maintain connectivity with Winnipeg Police Service Public Safety systems. Ergonomically placed computing devices in vehicles are critical for prevention of injuries to police officers.

This project is estimated in US dollars and converted to Canadian currency.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Pistol Replacement**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2200200026

Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	-	1,487	1,487	1,487
Financed by: Internal Financing							1,487	1,487	1,487

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	1,487	-	1,487
Financed by: Internal Financing						1,487		1,487

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						162
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	162
Less: Incremental Revenue/Recovery						48
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	114
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The current .40 caliber duty pistols require replacement. Police agencies and military across North America have already, or are in the process of, transitioning to 9mm pistols. Reduced demand for .40 caliber ammunition has resulted in reduced supply with a projected increase in cost, therefore creating an operational increase to the Service. 9mm pistols are easier to shoot with greater accuracy with the same effectiveness at a lower operational cost.

This project is estimated in US dollars and converted to Canadian currency.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Police Headquarters Information System Upgrades**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2204900021

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	2,100	-	-	-	-	2,435	2,435	4,535
Financed by:									
External Debt		2,100						-	2,100
Internal Financing							2,435	2,435	2,435

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,100	-	-	-	-	2,435	-	4,535
Financed by:								
External Debt	2,100							2,100
Internal Financing						2,435		2,435

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	224	453	453	453	453	475
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	224	453	453	453	453	475
Less: Incremental Revenue/Recovery	68					79
<b>Net Cost/(Benefit)</b>	156	453	453	453	453	396
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

This evergreening initiative is to upgrade and replace time expired information system equipment for the centralized server, networking, backup and security hardware. The hardware supports department-wide information systems to maintain current levels of response.

This project is estimated in US dollars and converted to Canadian currency.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Indoor Firing Range - Facility Study (formerly Indoor Firing Range)**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2200100023  
Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	150	-	-	-	150	150
Financed by: External Debt				150				150	150

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	150	-	-	-	-	150
Financed by: External Debt			150					150

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			6	9	9	9
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	6	9	9	9
Less: Incremental Revenue/Recovery			5			
<b>Net Cost/(Benefit)</b>	-	-	1	9	9	9
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Firearms training is mandatory for all officers. The existing outdoor range does not allow for training in the winter or during inclement weather, which impedes the Police Service's ability to ensure annual firearms qualification and specialized weapons certification requirements are met. An indoor range will allow for year-round officer training and will address constituent noise complaints.

The funding will be used to complete a feasibility study.

**WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND**

Project Name: **Active Shooter Response Training Facility**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2200200023  
 Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	150	-	-	-	150	150
Financed by: External Debt				150				150	150

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	150	-	-	-	-	150
Financed by: External Debt			150					150

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			6	9	9	9
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	6	9	9	9
Less: Incremental Revenue/Recovery			5			
<b>Net Cost/(Benefit)</b>	-	-	1	9	9	9
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Officers currently receive mandatory active shooter response training in decommissioned facilities, which carries several occupational safety risks to the trainers and the trainees. The program is frequently displaced and relocated due to the unstable nature of the facility conditions. A reliable purpose built facility would enable the program to be delivered in a secure environment.

The funding will be used to complete a feasibility study for a permanent facility.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **E-Ticketing Hardware**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2206300024

Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	700	-	-	-	375	-	-	375	375
Financed by: Cash to Capital					375			375	375

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	375	-	-	-	375
Financed by: Cash to Capital				375				375

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund				375		
<b>Total Direct Costs</b>	-	-	-	375	-	-
Less: Incremental Revenue/Recovery				12		
<b>Net Cost/(Benefit)</b>	-	-	-	363	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The driver license scanners and printers that support e-ticketing processes in Police Service vehicles must be evergreened every 5 years due to the obsolescence of this equipment and the harsh environment to which they are subjected. Ergonomic placement of properly suited technical equipment is critical for prevention of injuries to police officers.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Vehicle Inspections - Weigh Scale**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2200300025

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	-	250	-	250	250
Financed by: Cash to Capital						250		250	250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	250	-	-	250
Financed by: Cash to Capital					250			250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund					250	
<b>Total Direct Costs</b>	-	-	-	-	250	-
Less: Incremental Revenue/Recovery					8	
<b>Net Cost/(Benefit)</b>	-	-	-	-	242	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The fixed vehicle weigh scale is projected to reach the end of its useful life in 2025. It is used to satisfy the requirements in the Highway Traffic Act to accurately measure overweight vehicles.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Police Vehicle Operations - Facility Track Replacement (formerly Police Vehicle Operations - Facility)**

Standing Policy Committee: Winnipeg Police Board

Department: Winnipeg Police Service  
Project: 2200400022

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	1,800	1,200	-	-	-	3,000	3,000
Financed by:									
Cash to Capital			1,800					1,800	1,800
External Debt				1,200				1,200	1,200

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	1,800	1,200	-	-	-	-	3,000
Financed by:								
Cash to Capital		1,800						1,800
External Debt			1,200					1,200

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			46	75	75	75
Transfer to General Capital Fund		1,800				
<b>Total Direct Costs</b>	-	1,800	46	75	75	75
Less: Incremental Revenue/Recovery		59	39			
<b>Net Cost/(Benefit)</b>	-	1,741	7	75	75	75
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Repaying asphalt for the Police Vehicle Training facility. Deteriorating asphalt conditions damage training vehicles and associated equipment. Areas of the track will close, limiting the quality of training for officers affecting levels of service. Repair and replacement of the track will repair and prevent further damage caused by deferred maintenance.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Technological Crime Infrastructure**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2200100024

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	380	-	-	380	380
Financed by: Cash to Capital					380			380	380

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	380	-	-	-	380
Financed by: Cash to Capital				380				380

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund				380		
<b>Total Direct Costs</b>	-	-	-	380	-	-
Less: Incremental Revenue/Recovery				12		
<b>Net Cost/(Benefit)</b>	-	-	-	368	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

This evergreening initiative is to upgrade and replace information system equipment used in support of technological criminal investigations. This equipment will support directed, focused, gathering of information to support criminal investigations within the Winnipeg Police Service and in partnership with other outside agencies.

# WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Call Answer Software**

Standing Policy: Winnipeg Police Board  
 Committee:

Department: Winnipeg Police Service  
 Project: 2205200023

Service: Police Response  
 OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	1,000	-	-	-	1,000	1,000
Financed by: External Debt				1,000				1,000	1,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	1,000	-	-	-	-	1,000
Financed by: External Debt			1,000					1,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			110	223	223	223
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	110	223	223	223
Less: Incremental Revenue/Recovery			33			
<b>Net Cost/(Benefit)</b>	-	-	77	223	223	223
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Call answer software system will integrate industry standard dispatch protocol with Next Generation 911 hardware. The results of this project will assist call takers in Case Entry and Key Questioning using a decision tree algorithm to manage operational risk.

## WINNIPEG POLICE SERVICE - GENERAL CAPITAL FUND

Project Name: **Technical Surveillance Systems**

Standing Policy: Winnipeg Police Board  
Committee:

Department: Winnipeg Police Service  
Project: 2205400022

Service: Police Response  
OurWinnipeg: Collaborate to Make Safe Communities

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	400	-	-	-	-	400	400
Financed by: Cash to Capital			400					400	400

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	400	-	-	-	-	-	400
Financed by: Cash to Capital		400						400

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund		400				
<b>Total Direct Costs</b>	-	400	-	-	-	-
Less: Incremental Revenue/Recovery		13				
<b>Net Cost/(Benefit)</b>	-	387	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

This project will update and replace time expired digital technical surveillance equipment for voice and data intercept systems. This equipment will support directed, focused gathering of information to support criminal investigations within the Service and in partnership with other outside agencies.

This project is estimated in US dollars and converted to Canadian currency.

**FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND**

Project Name: **Facility Optimization - St. Boniface Industrial Area and Windsor Park Station Consolidation**

Standing Policy Committee: Protection, Community Services and Parks

Department: Fire Paramedic Service      Service: Fire and Rescue Response  
 Project: 2111020922      OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	13,439	-	-	-	-	13,439	13,439
Financed by:									
External Debt			12,839					12,839	12,839
Interim Financing from Land Operating Reserve/(Repayment)			600		(600)			-	-
Land Operating Reserve					600			600	600

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	6,057	7,382	-	-	-	-	13,439
Financed by:								
External Debt		5,532	7,307					12,839
Interim Financing from Land Operating Reserve/(Repayment)		525	75	(600)				-
Land Operating Reserve				600				600

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges		199	600	779	779	779
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	199	600	779	779	779
Less: Incremental Revenue/Recovery		197	240			
<b>Net Cost/(Benefit)</b>	-	2	360	779	779	779
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>		3				
<b>Authorization by Workstream (\$000's)</b>						
Detailed Design & Construction		13,439				

With this capital funding the Winnipeg Fire Paramedic Service seeks to maximize the efficiency of the station network. This is achieved through relocations, replacements, and major enhancements to stations that help reduce costs but maintain the desired level of response.

Consolidate St. Boniface Industrial Area station (#9, 864 Marion St.) and Windsor Park station (#15, 1083 Autumnwood Dr.). The new consolidated station will service both the industrial area and Windsor Park area currently served by the two existing stations and house all existing staff and apparatus. This station will also house a relocated ambulance from the Fort Rouge station (#30, 524 Osborne St.). Freed resources resulting from this consolidation will go to the new Waverley West Station.

## **FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND**

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### ***Facility Optimization - St. Boniface Industrial Area and Windsor Park Station Consolidation (continued):***

#### **2022:**

- Finalize detail design and begin construction.

#### **2023:**

- Complete construction.
- Decommission Marion station for resale.

The Land Operating Reserve funding amount shown above is based on the assessed value and represents the timing of disposition of the Marion St. Station.

# FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Facility Optimization - Waverley West Station**

Standing Policy: Protection, Community Services and Parks  
 Committee:

Department: Fire Paramedic Service  
 Project: 2111021523

Service: Fire and Rescue Response  
 OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,192	-	-	10,927	-	-	-	10,927	10,927
Financed by: External Debt				10,927				10,927	10,927

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	8,530	2,397	-	-	-	10,927
Financed by: External Debt			8,530	2,397				10,927

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			328	633	698	698
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	328	633	698	698
Less: Incremental Revenue/Recovery			277	78		
<b>Net Cost/(Benefit)</b>	-	-	51	555	698	698
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>			5			
<b>Authorization by Workstream (\$000's)</b>						
Preliminary Design			100			
Detailed Design & Construction			10,827			

With this capital funding the Winnipeg Fire Paramedic Service seeks to maximize the efficiency of the station network. This is achieved through relocations, replacements, and major enhancements to stations that help reduce costs but maintain the desired level of response.

Build a new station in Waverley West to service city growth and address response time issues. This station will be staffed with reallocated resources (staff and apparatus) from the St. Boniface Industrial Park and Windsor Park consolidation.

**2023:**

- Preliminary land assessment and detailed design work.
- Begin construction.

**2024:**

- Complete construction.

# FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Equipment Obsolescence**

Standing Policy Committee: Protection, Community Services and Parks

Department: Fire Paramedic Service  
Project: 2104000021

Service: Fire and Rescue Response  
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,481	3,844	782	990	829	7,181	13,626	15,107
Financed by:									
External Debt		669	1,677	180	205	142	4,288	6,492	7,161
Shared Health Capital Grant **		812	840	602	785	687	450	3,364	4,176
External Debt on behalf of Shared Health ***			1,327				2,443	3,770	3,770

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,481	3,844	782	990	829	7,181	-	15,107
Financed by:								
External Debt	669	1,677	180	205	142	4,288		7,161
Shared Health Capital Grant **	812	840	602	785	687	450		4,176
External Debt on behalf of Shared Health ***		1,327				2,443		3,770

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	71	424	732	775	815	1,230
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	71	424	732	775	815	1,230
Less: Incremental Revenue/Recovery	32	82	13	16	13	176
<b>Net Cost/(Benefit)</b>	39	342	719	759	802	1,054
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This capital program supports the ongoing replacement of emergency response equipment that is nearing the end of its useful operating life. The replacement timing is set to ensure continuity of front line emergency operation while maximizing the operating life of the equipment and ensuring value for money.

The Fire Paramedic Service needs to replace the following specialized equipment in a cyclical process as it nears the end of its operating life. Funding for this equipment is provided by both the City of Winnipeg and Shared Health. The following list identifies the equipment and the funding source:

**City of Winnipeg funded assets:**

**2021:**

- Renewal of emergency call handling equipment;
- Replacement of portable gas detection equipment;
- Replacement of specialty fire and rescue equipment.

## **FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND**

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### ***Equipment Obsolescence (continued):***

#### **2022:**

- Renewal of emergency call handling equipment;
- Replacement of radio equipment;
- Replacement of emergency responder computer devices;
- Replacement of specialty fire and rescue equipment.

#### **2023:**

- Replacement of specialty fire and rescue equipment.
- Replacement of emergency mechanical services equipment.

#### **2024:**

- Renewal of emergency call handling equipment;
- Replacement of specialty fire and rescue equipment.

#### **2025:**

- Replacement of specialty fire and rescue equipment.

#### **2026:**

- Replacement of fire and rescue equipment;
- Replacement of specialty fire and rescue equipment.

### **Shared Health funded assets:**

#### **2021:**

- Replacement of emergency medical equipment;
- Renewal of emergency call handling equipment.

#### **2022:**

- Replacement of emergency medical equipment;
- Replacement of radio equipment;
- Renewal of emergency call handling equipment.

#### **2023:**

- Replacement of emergency medical equipment.

#### **2024:**

- Renewal of emergency call handling equipment;
- Replacement of emergency medical equipment.

#### **2025:**

- Replacement of emergency medical equipment.

#### **2026:**

- Replacement of emergency medical equipment.

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

\*\* This project will not proceed until confirmation of funding is received from Shared Health (Province of Manitoba entity).

\*\*\* The City of Winnipeg will take out debt on behalf of Shared Health for this project. Shared Health will pay the interest and principal on this debt over an 8 year period.

# FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Station Capital Maintenance**

Standing Policy Committee: Protection, Community Services and Parks

Department: Fire Paramedic Service  
Project: 6321000021

Service: Fire and Rescue Response  
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	734	-	-	492	-	1,374	1,866	2,600
Financed by:									
External Debt		552			370		1,033	1,403	1,955
Shared Health Capital Grant **		182			122		341	463	645

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	734	-	-	492	-	1,374	-	2,600
Financed by:								
External Debt	552			370		1,033		1,955
Shared Health Capital Grant **	182			122		341		645

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	23	46	46	63	80	127
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	23	46	46	63	80	127
Less: Incremental Revenue/Recovery	20			14		38
<b>Net Cost/(Benefit)</b>	3	46	46	49	80	89
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

These capital funds support an ongoing program of repair and structural maintenance to ensure station asset lives are maximized, thereby ensuring the service has an operable station network from which emergency response vehicles can be deployed across the whole city to meet required response times.

**2021:**

- Building repairs and reconfiguration to various stations;
- Roof replacement for various stations;
- Electrical upgrades for various stations;
- Concrete repairs to station forecourts.

**2024:**

- Building repairs and reconfiguration to various stations;
- Roof replacement for various stations;
- Electrical upgrades for various stations;
- Concrete repairs to station forecourts.

## FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

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### ***Station Capital Maintenance (continued):***

#### **2026:**

- Building repairs and reconfiguration to various stations;
- Roof replacement for various stations;
- Electrical upgrades for various stations;
- Concrete repairs to station forecourts.

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

\*\* This project will not proceed until confirmation of funding is received from Shared Health (Province of Manitoba entity).

# FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Emergency Vehicle Pre-emption**

Standing Policy Committee: Protection, Community Services and Parks

Department: Fire Paramedic Service  
Project: 2112120021

Service: Fire and Rescue Response  
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	189	-	-	-	-	-	-	189
Financed by: External Debt		189						-	189

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	189	-	-	-	-	-	-	189
Financed by: External Debt	189							189

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	20	41	41	41	41	41
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	20	41	41	41	41	41
Less: Incremental Revenue/Recovery	6					
<b>Net Cost/(Benefit)</b>	14	41	41	41	41	41
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Emergency Vehicle Pre-emption (EVP) takes advantage of the City investment in centralized traffic signal control to provide intelligent traffic signalization for emergency vehicles. This increases priority for approaching emergency vehicles to enable the clearance of the junctions along their route and allowing safer and more rapid progression through to the emergency incident.

EVP was identified as a crucial addition to facilitate the station optimization program in meeting station reductions while maintaining response capability and coverage.

**2021:**

- Engagement of consultant to undertake a full evaluation of the Winnipeg road network with the output to include:
  - identification of appropriate junctions for pre-emptive signalization;
  - evaluation of the cost and benefits of fully implementing pre-emption in Winnipeg;
  - develop a program to stage implementation, including a pilot program to demonstrate the benefits before full deployment.

# FIRE PARAMEDIC SERVICE - GENERAL CAPITAL FUND

Project Name: **Business Continuity Software**

Standing Policy Committee: Protection, Community Services and Parks

Department: Fire Paramedic Service  
Project: 2148010021

Service: Emergency Management  
OurWinnipeg: Emergency Preparedness, Response and Recovery

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	150	-	-	-	-	-	-	150
Financed by: Cash to Capital		150						-	150

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	150	-	-	-	-	-	-	150
Financed by: Cash to Capital	150							150

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	150					
<b>Total Direct Costs</b>	150	-	-	-	-	-
Less: Incremental Revenue/Recovery	5					
<b>Net Cost/(Benefit)</b>	145	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

This project will procure and implement business continuity software to ensure all city departments have emergency response plans in place and that they are coordinated across departments. This software will support the city in complying with the Provincial Emergency Measures Act, regulation 159.16.

**PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND**

Project Name: **Computer Automation**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development  
 Project: 6361000421  
 Service: Development Approvals, Building Permits and Inspections  
 OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	100	-	-	100	-	-	100	200
Financed by:									
Cash to Capital					100			100	100
External Debt		100						-	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	100	-	-	100	-	-	-	200
Financed by:								
Cash to Capital				100				100
External Debt	100							100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	22	22	22	22	10
Transfer to General Capital Fund				100		
<b>Total Direct Costs</b>	11	22	22	122	22	10
Less: Incremental Revenue/Recovery	3			3		
<b>Net Cost/(Benefit)</b>	8	22	22	119	22	10
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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

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

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

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

## PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Cemeteries - Improvements**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development      Service: Cemeteries

Project: 6322100121      OurWinnipeg: Vitality

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	936	150	-	-	-	100	250	1,186
Financed by:									
Cash to Capital							100	100	100
External Debt		236						-	236
Veterans Affairs Canada		700	150					150	850

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	936	150	-	-	-	100	-	1,186
Financed by:								
Cash to Capital						100		100
External Debt	236							236
Veterans Affairs Canada	700	150						850

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	9	12	12	12	12	12
Transfer to General Capital Fund						100
<b>Total Direct Costs</b>	9	12	12	12	12	112
Less: Incremental Revenue/Recovery	16	2				3
<b>Net Cost/(Benefit)</b>	(7)	10	12	12	12	109
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

City funding is for the purchase and installation of columbaria and mausolea interment facilities at City cemeteries. Also, Brookside Cemetery requires the establishment of new full body interment sections, including the installation of new roadways and landscaping, as existing interment sections are at capacity with less than 18 months of product remaining for sale in main sections. St. Vital cremation gardens requires extending to accommodate new product sales. These revenue-generating products/services will contribute to the Cemetery Service's goal of reaching financial self-sustainability. In addition, these funds are used for landscaping, materials and other costs comprising the City's contribution toward the Military Field of Honour (FOH) refurbishment project, which is described below.

Funding received from Veterans Affairs Canada (VAC), under a joint City-Federal funding agreement, is specifically for the refurbishment of the Military Field of Honour at Brookside Cemetery. The Brookside FOH is considered Canada's most significantly designated Military Field of Honour in which more than 10,000 Veterans, Service Men and Service Women and War Heroes are interred. All interments are marked by the Military Grey Barrie granite upright monument, mounted in a beam. The FOH refurbishment project involves the replacement of failed concrete beam foundations as well as the cutting, pinning, and cleaning of military monuments. VAC have provided funding for the FOH since 2007 and will continue until the refurbishment is complete; anticipated timeline for completion is reduced to 5 years as VAC now has a funded program in place. The City contributes approximately \$1 for every \$3 contributed by VAC. This 5-year program will be completed by 2022.

On October 26, 2016, Council approved that should future VAC funding commitments exceed the amount included in a given year's Cemeteries Improvements capital budget ("the incremental amount"), that the budget be increased by the incremental amount, subject to the execution of a Letter of Agreement. As such, in those instances where VAC provides funding commitments to the City for the refurbishment of Brookside Cemetery Military Field of Honour in excess of the amount included in the capital budget, the appropriate year's Cemeteries Improvements Capital Budget will be increased by the incremental amount.

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

**PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND**

Project Name: **Downtown Enhancement Program**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development  
 Service: City Beautification

Project: 6351800122  
 OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	-	200	128	237	151	127	843	843
Financed by:									
Cash to Capital			200		237	151	127	715	715
External Debt				128				128	128

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	200	128	237	151	127	-	843
Financed by:								
Cash to Capital		200		237	151	127		715
External Debt			128					128

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges			8	16	16	16
Transfer to General Capital Fund		200		237	151	127
<b>Total Direct Costs</b>	-	200	8	253	167	143
Less: Incremental Revenue/Recovery		7	4	8	5	4
<b>Net Cost/(Benefit)</b>	-	193	4	245	162	139
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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 livability of Winnipeg's Downtown urban environment.

The program supports and develops ongoing 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.

## PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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### ***Downtown Enhancement Program (continued):***

Priorities in 2021 - 2026 include but are not limited to:

- Air Canada Park
- Old Market Square
- Downtown and Exchange District Pedestrian Facilities Enhancements
- East Exchange Interpretative Strategies
- Chinatown
- Public Art Integration
- Halo SHED (Sports, Hospitality and Entertainment District) developments including: 266 Graham Avenue, Garry Street, Smith Street, Edmonton Street and St. Mary Avenue
- Ross Avenue sidewalk improvements and streetscaping
- Alexander Docks
- Supporting Exchange and Downtown BIZ placemaking initiatives
- Streetscaping support for larger scoped Public Works initiatives
- Broadway pedestrian enhancements

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



# PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Public Art Strategy**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development  
 Service: Arts, Entertainment and Culture

Project: 6351400721  
 OurWinnipeg: Creativity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	125	125	125	-	-	-	250	375
Financed by:									
Cash to Capital			125					125	125
External Debt		125		125				125	250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	125	125	125	-	-	-	-	375
Financed by:								
Cash to Capital		125						125
External Debt	125		125					250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	13	27	41	55	55	40
Transfer to General Capital Fund		125				
<b>Total Direct Costs</b>	13	152	41	55	55	40
Less: Incremental Revenue/Recovery	3	3	3			
<b>Net Cost/(Benefit)</b>	10	149	38	55	55	40
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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 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 for approval annually, a plan for the works to be undertaken.

As this is a capital grant program, it is exempt from administrative overhead charges.

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

# PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Developer Payback**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development      Service: Parks and Urban Forestry

Project: 6351000221      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	137	-	100	-	-	100	200	337
Financed by:									
Cash to Capital							100	100	100
External Debt		137		100				100	237

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	137	-	100	-	-	100	-	337
Financed by:								
Cash to Capital						100		100
External Debt	137		100					237

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	5	7	11	13	13	13
Transfer to General Capital Fund						100
<b>Total Direct Costs</b>	5	7	11	13	13	113
Less: Incremental Revenue/Recovery	4		3			3
<b>Net Cost/(Benefit)</b>	1	7	8	13	13	110
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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 ongoing 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.

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

**PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND**

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

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Planning, Property and Development  
 Service: Land Drainage and Flood Control

Project: 6351300221  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	100	-	-	-	-	-	-	100
Financed by: External Debt		100						-	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	100	-	-	-	-	-	-	100
Financed by: External Debt	100							100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	4	8	8	8	8	8
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	4	8	8	8	8	8
Less: Incremental Revenue/Recovery	3					
<b>Net Cost/(Benefit)</b>	1	8	8	8	8	8
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

In 2000, the Riverbank Stability Characterization Study evaluated stability conditions of 106 km of City-owned riverbank property which comprises approximately 45% of all such river frontage within the city of Winnipeg. This initial assessment of City-owned riverbanks has since been supplemented with a risk based asset management approach utilizing the proprietary Riverbank Asset Management System (RAMS), with a comprehensive update completed in 2015 and incremental updates again in 2019 and 2020. To effectively provide erosion protection or stabilize all City-owned riverbanks that generally exhibit positive benefit to cost ratio (considering the value of land lost over time to riverbank processes), a funding commitment of approximately \$60 million would be required to fully address the 27 sites identified as "critical risk" and an additional \$150 million to address the 89 sites categorized as "significant risk" (out of the 220 sites that have been assessed on the Red and Assiniboine Rivers).

To date, seven major priority sites have been stabilized via the Riverbank Stabilization and Physical Asset Protection Fund since 2003, namely, Annabella Street to May Street (2003), St. John's Park (2006), Bunn's Creek (2006), St. Vital Park (2008), Churchill Drive Park (2012), King's Park (2015) Guay Park (2016), Tache between Provencher and Cathedral (2017) and Wellington Crescent (2021 - anticipated) at a total cost of approximately \$12.5 million.

Considering that forecasted budgets are not sufficient to undertake any major projects, the following list is provided as an indication of priorities should funding become available. These sites, amongst numerous others, will continue to be monitored informally by City staff.

## PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

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### ***Riverbank Stabilization - Physical Asset Protection (continued):***

The project priority listing as of June 2020 is as follows:

#### **Site**

Red River - Osborne St - Brandon Ave to Woodward Ave (to support AT path development)

Red River - River Rd to Rivergate Dr (to support AT path development)

Red River - Crescent Dr Park

Red River - St. Cross St - Mortimer Pl to Anderson Ave

Red River - Canoe Club (subject to cost/benefit related to land use)

Red River - Lyndale Drive Park and Lyndale Dr Lawndale Ave to Claremont Ave

Red River - D'arcy Dr

Red River - River Road at Minnetonka

Red River - Michelle Jean Park

The cost to address the above 12 sites is considered to be approximately \$30,000,000. Geotechnical investigations and monitoring programs are underway at the Osborne Street, River to Rivergate, Lyndale Drive Park and River Road at Minnetonka sites.

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

# PLANNING PROPERTY AND DEVELOPMENT - GENERAL CAPITAL FUND

Project Name: **Digital Permitting**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Planning, Property and Development  
 Project: 6361000021  
 Service: Development Approvals, Building Permits and Inspections  
 OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,215	1,947	1,019	-	-	-	-	1,019	2,966
Financed by: Permit Reserve		1,947	1,019					1,019	2,966

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,947	931	88	-	-	-	-	2,966
Financed by: Permit Reserve	1,947	931	88					2,966

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs *	823	1,411	1,411	1,411	1,411	1,411
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	823	1,411	1,411	1,411	1,411	1,411
Less: Incremental Revenue/Recovery	884	1,440	1,414	1,411	1,411	1,411
<b>Net Cost/(Benefit)</b>	(61)	(29)	(3)	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The project is comprised of these major elements:

- Analysis phase in 2020 will determine the roadmap/plan to achieve the required business outcomes and produce the class 3 estimate required to proceed to solution procurement.
- Foundational business process re-engineering will be performed concurrent to procurement activities to prepare for automation of permit processes.
- Solution implementation will require extensive business and technical resources over a 24-month period as optimized business processes are deployed within the selected solution.

The project outcomes will support the move to the digitization of all online functions on the permitting and inspections process, providing improved efficiency by:

- actively managing workflows and workplace monitoring;
- enabling multiple departments, agencies and jurisdictions to share data across a single database;
- supporting online permit and appointment requests, and;
- providing enhanced customer reporting and document management, among many other benefits.

In the event the Permit Reserve Fund does not have sufficient funds to cover the project expenditures in any given year, the General Capital Fund will interim finance until repaid from the Reserve.

The 2021 program may include a maximum of 6 temporary capital-funded full-time equivalents. Temporary staffing costs of approximately \$0.93 million are included in the \$4.131 million overall project budget.

\* The costs are included in the operating budget net of revenues assuming full cost recovery. In 2022, costs and revenues will be adjusted to present gross amounts but still reflecting full cost recovery.

**PLANNING PROPERTY AND DEVELOPMENT - MUNICIPAL ACCOMMODATIONS FUND**

Project Name: **Sherbrook Pool**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Municipal Service: Recreation  
 Accommodations  
 Project: 6392040121 OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	3,773	-	-	-	-	-	-	-	-
Financed by:									
Kinsmen Club of Winnipeg (Sponsor Winnipeg)		48	48					48	96
Interim Financing from General Capital Fund / (Repayment)		(48)	(48)					(48)	(96)

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	-	-	-
Financed by:								
Kinsmen Club of Winnipeg (Sponsor Winnipeg)	48	48						96
Interim Financing from General Capital Fund / (Repayment)	(48)	(48)						(96)

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

On December 17, 2013, Council approved \$1.671 million in capital funding for the reopening of Sherbrook Pool. The funding consisted of \$0.2 million from the Mayor's 2013 Civic Initiatives Fund, \$0.4 million from the 2014 Parks and Recreation Enhancement Program, \$0.6 million from the Daniel McIntyre Recreation Initiative, \$0.271 million from Building Communities Initiative (BCI) II - Phase 3 (formerly "Recreation and Leisure Facilities" amended by the City and Province October 2, 2013) and \$0.2 million from the Municipal Accommodations operating funds. On June 27, 2014, BCI Policy Committee approved an additional allocation of \$0.15 million from BCI II - Phase 2.

On March 7, 2014, it was announced that the Kinsmen Club of Winnipeg will make a Sponsor Winnipeg contribution of \$1 million towards the renovation of Sherbrook Pool. Subsequent to this announcement, the City learned that such contributions are now deemed subject to GST, reducing the net contribution from \$1 million to \$0.952 million. On May 16, 2014, the Province announced a contribution of \$1 million in 2015 Manitoba-Winnipeg Infrastructure Agreement funding toward the rehabilitation project.

On September 24, 2014, Council approved that the Kinsmen Club, if required, be provided with the option to extend the time period for the payment of their sponsorship contribution to a 9-year period with the final payment to be received by the City in 2022. It was anticipated that \$572,000 (60%) in payments would be received by the end of 2015 with payments of \$95,000 (10%) each year from 2016 to 2019.

## PLANNING PROPERTY AND DEVELOPMENT - MUNICIPAL ACCOMMODATIONS FUND

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### ***Sherbrook Pool (continued):***

On January 27, 2016, Council approved a revised payment schedule for the Kinsmen Club as follows: the first payment of \$500,000 (i.e. \$476,000 net of GST) to be received by the City on or before March 31, 2016; the remaining payments of \$100,000 (i.e. \$95,000 net of GST) per year to be received on or before December 31 in each year beginning with the year 2016 and continuing until December 31, 2020, with all payments totaling \$1 million including GST. The expected payments of \$476,000 before March 31, 2016, and \$96,000 in 2016 equals the Council approved 2015 budget of \$572,000. Kinsmen Club, if required, was also permitted to extend the time period of the payment of its sponsorship contribution to a 9-year period with the final payment to be received by the City no later than 2024. The Kinseman Club exercised this option in 2019 and remitted \$48,000 (\$50,000 net of GST) and will remit the remaining \$144,000 in \$48,000 installments from 2020 to 2022.

**PLANNING PROPERTY AND DEVELOPMENT - MUNICIPAL ACCOMMODATIONS FUND**

Project Name: **Strategic Facilities Master Plan**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Municipal Accommodations 6331003121      Service: Property Asset Management

Project: OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	450	250	-	-	-	-	-	-	250
Financed by: Land Operating Reserve		250						-	250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	250	-	-	-	-	-	-	250
Financed by: Land Operating Reserve	250							250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	8					
<b>Net Cost/(Benefit)</b>	(8)	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

By combining staff input and the results of industry expert findings, this plan will focus on facility status reporting, prioritization, funding and accountability. This will include the following:

- 1) addressing capacity, to minimize service delivery gaps and anticipate growth,
- 2) meeting changing health and safety regulations,
- 3) establishing an asset prioritization framework,
- 4) compiling a detailed building asset inventory,
- 5) meeting environmental and climate commitments,
- 6) preparing a risk plan for facilities and,
- 7) achieving financial sustainability with facilities that are affordable to build, operate, maintain, renew and dispose (life cycle approach); always in alignment with and support of City mandates.

The Strategic Facilities Master Plan goal is to ensure that in 20 years, the City of Winnipeg's current delivered services are continuing to be delivered and where possible, improved in a manner that is financially affordable, environmentally sound and delivers best value for residents to 2040 and beyond.

**PLANNING PROPERTY AND DEVELOPMENT - MUNICIPAL ACCOMMODATIONS FUND**

Project Name: **Health/Life Safety/Emergency Systems Refurbishment/City-wide Accessibility**

Standing Policy Committee: Property and Development, Heritage, and Downtown Development

Department: Municipal Service: Property Asset Management

Project: 6331009021 OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	3,686	931	1,333	2,660	943	2,236	8,103	11,789
Financed by:									
Cash to Capital						943	1,828	2,771	2,771
Land Operating Reserve		1,700			1,700			1,700	3,400
Federal Gas Tax			100	646	960		408	2,114	2,114
External Debt		1,573	831	687				1,518	3,091
Transfer from Prior Year Authorization		413						-	413

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	3,686	931	1,333	2,660	943	2,236	-	11,789
Financed by:								
Cash to Capital					943	1,828		2,771
Land Operating Reserve	1,700			1,700				3,400
Federal Gas Tax		100	646	960		408		2,114
External Debt	1,573	831	687					3,091
Transfer from Prior Year Authorization	413							413

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	90	230	321	364	364	364
Transfer to General Capital Fund					943	1,828
<b>Total Direct Costs</b>	90	230	321	364	1,307	2,192
Less: Incremental Revenue/Recovery	120	28	30	67	31	65
<b>Net Cost/(Benefit)</b>	(30)	202	291	297	1,276	2,127
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Capital program to fund investments ensuring health/life safety requirements and the highest-and-best use investments associated with preserving continued facility operations that arise annually. Specifically, this program encompasses planned or emergency refurbishment, replacement, repair and maintenance upgrade projects for fire and life safety (e.g., emergency lighting), heating, ventilation, air conditioning, electrical, plumbing, building envelope, structural requirements, emergency power generation, and uninterrupted power systems. Funding is also allocated for critical systems including building automation and climate control, security, access control, and Closed Circuit Television systems. This program also ensures adherence to regulatory compliance upgrades, asbestos and other hazardous material remediation, and asset condition assessments. Finally, this program addresses physical accessibility issues such as lighting, signage, and public entranceways.

## PLANNING PROPERTY AND DEVELOPMENT - MUNICIPAL ACCOMMODATIONS FUND

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### ***Health/Life Safety/Emergency Systems Refurbishment/City-wide Accessibility (continued):***

Transfer from prior year authorization funding of \$413,000 (see Appendix 4) is to be utilized:

- for the replacement of City Hall doors as well as required upgrades to 56 Maple Street (Winnipeg Firefighters Historical Society Museum) including removal of lead paint and repair and/or replacement of fascia and roof (\$187,000);
- to satisfy the conditions of a legal settlement with the Aquatic Hall of Fame of Manitoba (\$45,000) and;
- to address a portion of the funding requirement for the replacement of the Main Air Handling Unit at Cindy Klassen Recreation Centre (\$181,000).

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

## CITY CLERKS - GENERAL CAPITAL FUND

Project Name: **Corporate Records Centre**

Standing Policy Committee: Executive Policy Committee

Department: City Clerks  
Project: 040000922

Service: Heritage Conservation  
OurWinnipeg: Heritage

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	875	-	100	-	-	-	-	100	100
Financed by: Cash to Capital			100					100	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	100	-	-	-	-	-	100
Financed by: Cash to Capital		100						100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund		100				
<b>Total Direct Costs</b>	-	100	-	-	-	-
Less: Incremental Revenue/Recovery		3				
<b>Net Cost/(Benefit)</b>	-	97	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The City Clerk's Department, Archives and Records Control Branch, supports records and information management City-wide, manages access and privacy responsibilities for the City, and operates the City of Winnipeg Archives and the Corporate Records Centre. The move to the new Corporate Records Centre at 1450 Mountain Avenue has enabled the branch to increase storage capacity for records scheduled for retention under the records management by-law, utilize specialized shelving solutions to better accommodate variable sized box transfers from departments, and realize operational efficiencies. Archival storage and public access/research services continue to be delivered out of a leased facility at 50 Myrtle.

Ongoing development of the Corporate Records Centre is essential to meet the City's records management requirements. Cost-effective storage and inventory management services enable departments to better manage records in accordance with the Records Management By-law 86/2010 ("by-law"), regulatory requirements, and the administrative standard, resulting in an increase in routine transfers of records out of expensive operational space to the more cost-effective Corporate Records Centre.

This project will ensure that the Corporate Records Centre continues to meet demand for storage of records scheduled under the by-law. Costs will include installation of additional specialized shelving solutions and the purchase of equipment to manage the growing inventory to ensure that City records are protected as required by law, and can be accessed and retrieved in an effective manner.

A further capital project will be established at the five-year mark from this project. Development of the Corporate Records Centre supports the City's commitment to increased transparency and better response times to requests through access legislation.





# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Innovation Strategy**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Innovation, Transformation  
& Technology

Service: Innovation, Transformation and Technology

Project: 3459000121

OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	2,978	750	500	250	-	-	-	750	1,500
Financed by: Internal Financing		750	500	250				750	1,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	750	500	250	-	-	-	-	1,500
Financed by: Internal Financing	750	500	250					1,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	44	118	163	178	178	178
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	44	118	163	178	178	178
Less: Incremental Revenue/Recovery	24	16	8			
<b>Net Cost/(Benefit)</b>	20	102	155	178	178	178
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Innovation Strategy Program (ISP) will enable the City to create innovative ideas, utilize innovative technologies, and approaches to improve existing systems, tools, and processes to primarily reduce costs or increase revenue, improve service levels, and add new capabilities. This will enable the Director of Innovation, Transformation and Technology to fulfill the mandate of driving innovation for the City of Winnipeg to make us smarter, more efficient, and more effective in meeting the needs of a growing City.

Winnipeg currently operates below optimum service levels in many areas. Adequate resource levels are often cited for the gap between what should be delivered and what is delivered for both external, citizen centric services as well as internal, administrative services. Prior to 2019, consideration of innovation to explore alternative technologies, ideas, processes and build new capabilities to bridge the gap has been limited. Winnipeg is filling its resourcing gap with innovation capability and outcomes that focus on offering a return on investment.

Projects within the ISP will be selected and delivered to build and reinforce a culture of innovation and provide the City with tangible outcomes. Transforming how services are delivered, or changing the service levels that a service can provide will be the focus. These projects will be delivered with a balanced approach that blends Innovation Engineering methods with the City's project management principles. Projects undertaken as part of the ISP will produce expected benefit of operational efficiency gains, cost avoidance, citizen impact, revenue increase and cost decreases. The anticipated benefits will be signed off by applicable department heads prior to project commencement.

## INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

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### ***Innovation Strategy (continued):***

The portfolio of innovation investments may include, but not be limited to:

- Innovation Technology Pilots will encompass pilot and trial projects that focus on the applications of novel technologies or novel applications of commodity technologies to business problems with an emphasis on identifying small projects that answer questions and test hypotheses to better inform future incrementally larger trials.
- Innovation Business Process Enhancement will look at the application of business modelling techniques to existing business processes that are currently a significant bottleneck or hindrance. This will focus less on technology and more on addressing the human and organizational business process elements and how those can be optimized for cost savings through appropriate analysis and application of Innovation Engineering methodology.
- Innovation Prototyping represents a collection of small projects aimed at testing concepts in a fail-fast-fail-cheap mindset. If efficiency gains are proven they will often be the precursor to projects started in the other areas. These small initiatives will aim to gather information about the viability of an idea, technology, or approach in order to ensure that follow-up project decisions are made with demonstrated value.

The 2021 program may include a maximum of 2 temporary capital funded full-time equivalents.

The program budget is available for the Director of Innovation, Transformation and Technology to make allocations to projects as deemed necessary.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Smart Cities Innovation Program**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
Project: 3459100121      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	4,000	750	500	250	-	-	-	750	1,500
Financed by: Internal Financing		750	500	250				750	1,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	750	500	250	-	-	-	-	1,500
Financed by: Internal Financing	750	500	250					1,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	44	118	163	178	178	178
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	44	118	163	178	178	178
Less: Incremental Revenue/Recovery	24	16	8			
<b>Net Cost/(Benefit)</b>	20	102	155	178	178	178
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

City departmental services depend on foundational systems (e.g. people, process, technology) that are critical to the successful delivery of those services. These foundational systems and capabilities will be the focus of the Smart Cities Innovation Program, improving shared, or foundational, areas to raise the level of effectiveness across the organization.

The Smart Cities Innovation Program will enable the City of Winnipeg to investigate and pilot LEAP innovations (LEAP innovations is a term for high impact, high risk innovations that have the potential to transform how a business delivers services, or the services a business delivers) in systems that are currently good enough for the present expectations, and yet are foundational to, and unable to support, service delivery long-term. The Smart Cities Innovation Program will deliver projects which in turn will lay the groundwork for building business cases to improve systems and processes. The Smart Cities Innovation Program will be fundamental to creating strategic outcomes.

The Smart Cities Innovation Program projects will be delivered in a manner consistent with the Innovation Strategy Program, ensuring that high-risk, high-uncertainty, projects are delivered appropriately, and in a way that limits risk exposure with prioritization based on potential impact and ability to support strategic outcomes and goals, as outlined in strategic and visionary plans (e.g. OurWinnipeg). The Smart Cities Innovation Program will enable businesses and departments to identify and begin to address barriers to delivery of strategic objectives proactively as opposed to reactively.

Smart Cities Innovation Program projects will align with strategic and architectural frameworks and roadmaps, and in some cases shape future strategy and architecture for the City of Winnipeg and with consideration for awareness and collaboration with other municipalities to create and share benefits. Any anticipated benefits will be signed off by applicable department heads prior to project commencement.

## INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

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### ***Smart Cities Innovation Program (continued):***

The projects may include, but not be limited to:

- Transportation Management Centre Expansion - expand capabilities to support additional service improvements (e.g. automated analysis of video footage for snow clearing, road condition, active transportation usage patterns; emergency vehicle traffic signal pre-emption).
- Economic Development Data Analysis - identify the data that can support the best possible economic development decision making through City planning and establish the processes and technology to allow for evidence based decision making.
- Technical Architecture - implementation of city-wide standardized technical architectures that allows business services to be delivered and sustained at lower cost and reduced business risk.
- Citizen Experience - establish the processes, data, and technology required to allow citizens to have access to their complete relationship with the City when they contact 311 or through online service options.

The program budget is available for the Director of Innovation, Transformation and Technology to allocate funding to projects based on financing requirements.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Enterprise Computing Initiatives**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Innovation, Transformation & Technology  
Project: 3402500021

Service: Innovation, Transformation and Technology  
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	1,105	3,462	319	855	800	904	6,340	7,445
Financed by:									
Cash to Capital			230		574	800	904	2,508	2,508
External Debt		1,105	942	319				1,261	2,366
Transfer from Prior Year Authorization			2,290		281			2,571	2,571

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,105	3,462	319	855	800	904	-	7,445
Financed by:								
Cash to Capital		230		574	800	904		2,508
External Debt	1,105	942	319					2,366
Transfer from Prior Year Authorization		2,290		281				2,571

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	118	341	480	516	516	384
Transfer to General Capital Fund		230		574	800	904
<b>Total Direct Costs</b>	118	571	480	1,090	1,316	1,288
Less: Incremental Revenue/Recovery	36	113	10	28	26	29
<b>Net Cost/(Benefit)</b>	82	458	470	1,062	1,290	1,259
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The City utilizes enterprise servers and 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 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.

Included are rebudgeted amounts totaling \$2.571 million from adopted 2015-2019 capital programs - see Appendix 4.

The initiatives in the program may include a maximum of 1 temporary capital funded full-time equivalent.

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

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Communications Network Infrastructure**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Innovation, Transformation & Technology  
Project: 3401200021  
Service: Innovation, Transformation and Technology  
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	395	1,184	923	881	560	266	3,814	4,209
Financed by:									
Cash to Capital			165		476	99	266	1,006	1,006
External Debt		349	21	923				944	1,293
Transfer from Prior Year Authorization		46	998		405	461		1,864	1,910

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	395	1,184	923	881	560	266	-	4,209
Financed by:								
Cash to Capital		165		476	99	266		1,006
External Debt	349	21	923					1,293
Transfer from Prior Year Authorization	46	998		405	461			1,910

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	37	78	181	286	286	244
Transfer to General Capital Fund		165		476	99	266
<b>Total Direct Costs</b>	37	243	181	762	385	510
Less: Incremental Revenue/Recovery	13	38	30	29	18	9
<b>Net Cost/(Benefit)</b>	24	205	151	733	367	501
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Communications Network Infrastructure is the implementation and enhancement of the backbone network infrastructure which connects the computers in civic departments. This is a high speed infrastructure to enable the sharing and distribution of corporate information across departments in support of organizational business requirements.

Included are rebudgeted amounts totaling \$1.910 million from adopted 2015-2019 capital programs - see Appendix 4.

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

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Printing Graphics & Mail Services Asset Renewal**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
 Project: 3458400021      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	152	396	-	-	-	-	-	-	396
Financed by: External Debt		396						-	396

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	396	-	-	-	-	-	-	396
Financed by: External Debt	396							396

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	42	85	85	85	85	38
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	42	85	85	85	85	38
Less: Incremental Revenue/Recovery	13					
<b>Net Cost/(Benefit)</b>	29	85	85	85	85	38
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Replacement (evergreening) of essential printing graphics and mail services assets to ensure reliable production of critical revenue-generating print and mail streams, and to reduce the risks associated with unacceptable quality, delayed deliveries, and limited production capabilities.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Microsoft Office License Evergreen**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
 Project: 3461000022      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	2,308	-	113	-	712	-	-	825	825
Financed by:									
Cash to Capital					243			243	243
Transfer from Prior Year Authorization			113		469			582	582

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	113	-	712	-	-	-	825
Financed by:								
Cash to Capital				243				243
Transfer from Prior Year Authorization		113		469				582

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund				243		
<b>Total Direct Costs</b>	-	-	-	243	-	-
Less: Incremental Revenue/Recovery		4		23		
<b>Net Cost/(Benefit)</b>	-	(4)	-	220	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Upgrade Microsoft Office Productivity Software to a supported version so critical security updates are received from Microsoft. Without security updates, the software cannot be used due to the organizational risk of security attacks to the rest of the City computing environment. Continued upgrading of Microsoft Office Productivity Software to avoid loss of use of Microsoft Office and widespread business impact.

This program may include a maximum of 1 temporary capital funded full-time equivalent.

Included are rebudgeted amounts totaling \$582,000 from adopted 2015-2019 capital programs - see Appendix 4.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Geographic Information System Aerial Imagery Renewal Program**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
 Project: 3458100021      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	315	188	-	-	-	211	-	211	399
Financed by:									
Cash to Capital						24		24	24
External Debt		188						-	188
Transfer from Prior Year Authorization						187		187	187

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	188	-	-	-	211	-	-	399
Financed by:								
Cash to Capital					24			24
External Debt	188							188
Transfer from Prior Year Authorization					187			187

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	20	41	41	41	41	18
Transfer to General Capital Fund					24	
<b>Total Direct Costs</b>	20	41	41	41	65	18
Less: Incremental Revenue/Recovery	6				7	
<b>Net Cost/(Benefit)</b>	14	41	41	41	58	18
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Departmental business processes within the City depend on new ortho and oblique imagery delivered every four years; 2021 and 2025. The imagery data is the shared common background to promote data sharing and support business processes.

Included are rebudgeted amounts totaling \$187,000 from adopted 2015-2019 capital programs - see Appendix 4.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Information Security Initiatives**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Innovation, Transformation & Technology  
Project: 346000021

Service: Innovation, Transformation and Technology  
OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	764	194	140	144	640	979	100	2,003	2,197
Financed by:									
Cash to Capital						203	100	303	303
External Debt		194		104				104	298
Transfer from Prior Year Authorization			140	40	640	776		1,596	1,596

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	194	140	144	640	979	100	-	2,197
Financed by:								
Cash to Capital					203	100		303
External Debt	194		104					298
Transfer from Prior Year Authorization		140	40	640	776			1,596

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	21	42	53	65	65	42
Transfer to General Capital Fund					203	100
<b>Total Direct Costs</b>	21	42	53	65	268	142
Less: Incremental Revenue/Recovery	6	5	5	21	32	3
<b>Net Cost/(Benefit)</b>	15	37	48	44	236	139
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Information Security initiatives will provide the minimum acceptable level of protection against the rapidly increasing number of threats to City business systems. The program will implement the processes, tools, and people elements required to manage the risk. Without the program, the City will be facing levels of security risk that could cause widespread business impact and prevent the City from meeting legislated responsibilities for the confidentiality, integrity, and availability of critical data.

Included are rebudgeted amounts totaling \$1.596 million from adopted 2015-2019 capital programs - see Appendix 4.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Microsoft Development Network Software Renewal**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
 Project: 3458200022      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	404	-	282	-	-	308	-	590	590
Financed by:									
Cash to Capital						55		55	55
Transfer from Prior Year Authorization			282			253		535	535

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	282	-	-	308	-	-	590
Financed by:								
Cash to Capital					55			55
Transfer from Prior Year Authorization		282			253			535

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund					55	
<b>Total Direct Costs</b>	-	-	-	-	55	-
Less: Incremental Revenue/Recovery		9			10	
<b>Net Cost/(Benefit)</b>	-	(9)	-	-	45	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

Microsoft Developer Network (MSDN) software is required for the development, testing, deployment and support of business applications used across the City. Without renewal of the MSDN software, the business applications will not be sustainable and the business services that depend on the applications (e.g. Finance, Human Resource Services, 311. etc.) will be impacted.

Included are rebudgeted amounts totaling \$535,000 from adopted 2015-2019 capital programs - see Appendix 4.

# INNOVATION TRANSFORMATION AND TECHNOLOGY - GENERAL CAPITAL FUND

Project Name: **Corporate VoIP Phone System**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Innovation, Transformation & Technology      Service: Innovation, Transformation and Technology  
 Project: 34XX000021      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	160	-	-	-	-	-	-	160
Financed by: External Debt		160						-	160

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	160	-	-	-	-	-	-	160
Financed by: External Debt	160							160

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	17	35	35	35	35	15
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	17	35	35	35	35	15
Less: Incremental Revenue/Recovery	5					
<b>Net Cost/(Benefit)</b>	12	35	35	35	35	15
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The existing contract for VoIP phone service expires in 2020. This project will conduct a Request for Proposal and award of contract for VoIP telephone service.

This project may include a maximum of 1 temporary capital funded full-time equivalent.

## CUSTOMER SERVICE AND COMMUNICATIONS - GENERAL CAPITAL FUND

Project Name: **311 Renewal**

Standing Policy Committee: Executive Policy Committee

Department: Customer Service and Communications      Service: Contact Centre - 311

Project: 3700000121      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,718	100	-	100	-	-	107	207	307
Financed by:									
Cash to Capital							107	107	107
External Debt		100		100				100	200

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	100	-	100	-	-	107	-	307
Financed by:								
Cash to Capital						107		107
External Debt	100		100					200

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	22	33	44	44	32
Transfer to General Capital Fund						107
<b>Total Direct Costs</b>	11	22	33	44	44	139
Less: Incremental Revenue/Recovery	3		3			3
<b>Net Cost/(Benefit)</b>	8	22	30	44	44	136
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The City is committed to renewing its Call Center application investments on an ongoing basis to take advantage of new functionality and remain current with suppliers' support.

## ASSESSMENT AND TAXATION - GENERAL CAPITAL FUND

Project Name: **Assessment Automation**

Standing Policy Committee: Executive Policy Committee

Department: Assessment and Taxation      Service: Assessment, Taxation and Corporate

Project: 1400000121      OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	237	312	-	250	312	350	1,224	1,461
Financed by:									
Cash to Capital			312		250	312	350	1,224	1,224
External Debt		237						-	237

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	237	312	-	250	312	350	-	1,461
Financed by:								
Cash to Capital		312		250	312	350		1,224
External Debt	237							237

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	25	51	51	51	51	23
Transfer to General Capital Fund		312		250	312	350
<b>Total Direct Costs</b>	25	363	51	301	363	373
Less: Incremental Revenue/Recovery	8	10		8	10	11
<b>Net Cost/(Benefit)</b>	17	353	51	293	353	362
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The funding is for system upgrades and rehabilitation to key assessment and taxation systems that interface with the two main Computer Aided Mass Appraisal and Manta systems. There are approximately 40 subsystems that interface directly to these systems and funding is required to ensure that they continue to work effectively and efficiently with upgraded platforms and operating systems.

The initiatives in this program may include a maximum of 3 temporary, capital funded full-time equivalent positions in 2021 and future years.

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

## ASSESSMENT AND TAXATION - GENERAL CAPITAL FUND

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

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Assessment and Taxation  
Project: 1420000121  
Service: Roadway Construction and Maintenance  
OurWinnipeg: Vitality

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	350	100	480	147	100	250	1,077	1,427
Financed by:									
Cash to Capital			100			100	50	250	250
External Debt		350		480	147		200	827	1,177

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	350	100	480	147	100	250	-	1,427
Financed by:								
Cash to Capital		100			100	50		250
External Debt	350		480	147		200		1,177

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	19	37	55	59	67
Transfer to General Capital Fund		100			100	50
<b>Total Direct Costs</b>	11	119	37	55	159	117
Less: Incremental Revenue/Recovery	11	3	16	5	3	8
<b>Net Cost/(Benefit)</b>	-	116	21	50	156	109
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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.

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Information Technology Program**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4230030121  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	500	325	500	325	325	500	1,975	2,475
Financed by:									
Cash to Capital			325		325	325	500	1,475	1,475
External Debt		500		500				500	1,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	325	500	325	325	500	-	2,475
Financed by:								
Cash to Capital		325		325	325	500		1,475
External Debt	500		500					1,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	53	108	163	219	219	160
Transfer to General Capital Fund		325		325	325	500
<b>Total Direct Costs</b>	53	433	163	544	544	660
Less: Incremental Revenue/Recovery	16	11	16	11	11	16
<b>Net Cost/(Benefit)</b>	37	422	147	533	533	644
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Transit Information Technology Program mainly provides technology upgrades to systems that support interaction between Transit operations and the public for improved technology throughout the department.

Transit also uses this program to implement innovative practices throughout the department to improve efficiency. Equipment related to achieving this innovation may be funded through this program.

Includes 2 Analyst Programmer full-time equivalent (FTE) positions for ongoing technology upgrades and 3 FTEs related to the redevelopment of Transit's Maintenance Management Information System (MMIS) including 1 Project Coordinator, 1 Information Specialist, and 1 Analyst Programmer.

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

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Building Replacement / Refurbishment**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210010121  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	600	600	828	881	600	600	3,509	4,109
Financed by:									
Cash to Capital					881	600	600	2,081	2,081
External Debt		600	600	828				1,428	2,028

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	600	600	828	881	600	600	-	4,109
Financed by:								
Cash to Capital				881	600	600		2,081
External Debt	600	600	828					2,028

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	20	54	99	119	119	119
Transfer to General Capital Fund				881	600	600
<b>Total Direct Costs</b>	20	54	99	1,000	719	719
Less: Incremental Revenue/Recovery	20	20	27	29	20	20
<b>Net Cost/(Benefit)</b>	-	34	72	971	699	699
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Surplus funds will automatically be transferred to the following year's Transit Building Replacement/Refurbishment program budget.

Transit's operations are housed at three primary locations - The Fort Rouge complex, North Main garage, and Brandon garage. The Fort Rouge and North Main facilities are approximately 40 and 80 years old, respectively, and are operating at capacity. 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 capital funding is required to bring the facilities up to acceptable standards.

This multi-year capital program addresses the need for smaller scale projects within Transit's existing facilities and stations. These projects are mainly required due to the age and condition of the assets.

Includes 2 temporary capital funded full-time equivalent Project Coordinator/Manager positions.

Project (in \$000s)	2021	2022	2023	2024	2025	2026	Total
General Amounts (ex. concrete works, tunnel and floor repair / replacement, comfort station upgrades)	600	600	828	881	600	600	4,109
<b>Total</b>	<b>600</b>	<b>600</b>	<b>828</b>	<b>881</b>	<b>600</b>	<b>600</b>	<b>4,109</b>

Estimated useful life - dependent on the specific project.

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

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Roof Replacement and Ventilation Upgrade**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210010221  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,947	1,500	1,500	1,800	-	-	4,800	6,747
Financed by: External Debt		1,947	1,500	1,500	1,800			4,800	6,747

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,947	1,500	1,500	1,800	-	-	-	6,747
Financed by: External Debt	1,947	1,500	1,500	1,800				6,747

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	65	156	247	345	385	385
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	65	156	247	345	385	385
Less: Incremental Revenue/Recovery	63	49	49	59		
<b>Net Cost/(Benefit)</b>	2	107	198	286	385	385
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Surplus funds will automatically be transferred to the following year's Transit Roof Replacement and Ventilation Upgrade project budget.

Transit's Fort Rouge Garage (FRG) at 421 Osborne Street includes two major buildings that total approximately 480,000 square feet in area. The buildings were constructed in 1969 and 1978 and house over 70% of Transit's bus inventory. The roofs are now at the end of their economic and useful lives and need to be replaced. Roof work will be completed in 2021.

The Fort Rouge campus storage, maintenance, and administration facilities require replacement of the existing ventilation systems (which includes makeup air units and exhaust fans) in response to a regulatory change in allowable levels of airborne nitrogen dioxide (NO2) in diesel exhaust, age, inefficiency of equipment, and pressure imbalances throughout the buildings.

The breakdown between roof and ventilation work is subject to change, but estimated as:

Project (in \$000s)	2021	2022	2023	2024	2025	2026	Total
Fort Rouge Garage Roof Replacement **	1,300						1,300
Upgrade Garage Ventilation Systems **	647	1,500	1,500	1,800			5,447
<b>Total</b>	<b>1,947</b>	<b>1,500</b>	<b>1,500</b>	<b>1,800</b>	<b>-</b>	<b>-</b>	<b>6,747</b>

Estimated useful life - dependent on the specific project.

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

\*\* Projects are considered annual scalable programs and will incorporate annual tenders and are not considered a major capital project.

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Buses**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210000221  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	17,615	21,737	22,905	22,462	23,669	23,391	114,164	131,779
Financed by:									
Cash to Capital					3,946	3,774	942	8,662	8,662
Transit Bus Replacement Reserve					10,889	12,268	8,968	32,125	32,125
Federal Gas Tax		6,735	6,735	7,027	7,627	7,627	7,627	36,643	43,378
Province of Manitoba Strategic Infrastructure Funding		6,703	5,812	8,700				14,512	21,215
External Debt		4,177	9,190	7,178			5,854	22,222	26,399

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	17,615	21,737	22,905	22,462	23,669	23,391	-	131,779
Financed by:								
Cash to Capital				3,946	3,774	942		8,662
Transit Bus Replacement Reserve				10,889	12,268	8,968		32,125
Federal Gas Tax	6,735	6,735	7,027	7,627	7,627	7,627		43,378
Province of Manitoba Strategic Infrastructure Funding	6,703	5,812	8,700					21,215
External Debt	4,177	9,190	7,178			5,854		26,399

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	172	739	1,456	1,780	1,780	2,048
Transfer to General Capital Fund				3,946	3,774	942
<b>Total Direct Costs</b>	172	739	1,456	5,726	5,554	2,990
Less: Incremental Revenue/Recovery	304	456	430	577	617	608
<b>Net Cost/(Benefit)</b>	(132)	283	1,026	5,149	4,937	2,382
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Surplus funds will automatically be transferred to the following year's Transit Buses program budget.

This project is for the on-going purchase of urban transit buses for the replacement of buses that have reached the end of their useful life. Costs will also include all outfitting costs associated with these purchases.

	2021	2022	2023	2024	2025	2026
Forecasted Number of Buses Included in Budget and Forecast above **	25	30	31	31	30	30

Includes 1 temporary capital funded full-time equivalent position (Coordinator Contracts).

Estimated useful life - 18 years.

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

\*\* The projection of the number of buses included in the budget is provided as an estimate only and is subject to change as the price per bus and model selected is based on a number of factors. These factors include the movement in the Statistics Canada Monthly Industrial Product Price Index which is influenced by the fluctuation in the Canadian currency and inflation, the timing of order placement in relation to the budget approval, operational requirements and changes to technology or product development.

**TRANSIT - TRANSIT SYSTEM FUND**

Project Name: **Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit Service: Public Transit  
Project: 4230010521 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	-	-	-	-	-	-	-	-
Financed by:									
Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass Payment Reserve		14,720	14,760	14,880	15,190	15,280	15,700	75,810	90,530
P3 Annual Service / Financing Payments (City)		(11,330)	(11,370)	(11,490)	(11,800)	(11,890)	(12,310)	(58,860)	(70,190)
External Debt Annual Service Payments (City)		(3,390)	(3,390)	(3,390)	(3,390)	(3,390)	(3,390)	(16,950)	(20,340)

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	14,720	14,760	14,880	15,190	15,280	15,700	385,680	476,210
Financed by:								
Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass Payment Reserve	14,720	14,760	14,880	15,190	15,280	15,700	385,680	476,210

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable

The Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass (SWRT) was approved by Council on June 25, 2014, using a Public Private Partnership (P3) approach and the transitway opened on April 12, 2020.

The City will make on-going lease payments to Plenary Roads Winnipeg Transitway LP (PRW) extending until 2049. These payments are required under a 30-year contract with PRW and cover the remaining capital cost of the Transitway as well as on-going maintenance.

There are significant provisions in the contract to ensure the City's 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, including the salary recovery of the Senior Project Review/P3 Specialist and other P3 costs are also included in this budget. Payments to PRW include non-performance deductions where the City's specifications are not met.

A portion of the payment to PRW represents an annual amount dedicated to the maintenance of the Transitway, including long-term rehabilitative costs. This amount is adjusted for changes to the Consumer Price Index on an annual basis.

## TRANSIT - TRANSIT SYSTEM FUND

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### ***Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass (continued):***

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.

On March 22, 2016, Council authorized a first charge of up to 30% of the annual lease payments prior to the adoption of annual capital budget in the event the capital budget is adopted after December 31, in order to facilitate payments on the P3 contract.

In accordance with By-law 8164/2002 where the City's capital budget has not been adopted before January 1 of the year to which the budget is applicable, the Chief Administrative Officer is authorized, before the adoption of the capital budget, to approve expenditures not exceeding 30% of the amount the City of Winnipeg is contractually obligated to pay annually in respect of Public-Private Partnerships, as a first charge against the General Capital Fund.

As financing and administration costs are implicit in the lease payments, this project is exempt from the Corporate Administration and interest charges.

\* N/A - No amounts have been included in the "Previous Budgets" related to P3 Annual Service / Finance Payments due to this project's on-going nature.

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Accessibility Program**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4230030221  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
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	1,000	1,000
External Debt		250		250				250	500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	250	250	250	250	250	250	-	1,500
Financed by:								
Cash to Capital		250		250	250	250		1,000
External Debt	250		250					500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	21	32	43	43	43
Transfer to General Capital Fund		250		250	250	250
<b>Total Direct Costs</b>	11	271	32	293	293	293
Less: Incremental Revenue/Recovery	8	8	8	8	8	8
<b>Net Cost/(Benefit)</b>	3	263	24	285	285	285
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program includes work over several years to update bus stops in order to meet accessibility standards, provide wheelchair access (powered) doors at all heated shelters, and paved access. It will also include a design study to determine solutions to provide information for visually-impaired riders at major stops.

Includes a shared temporary capital funded full-time equivalent position (Project Manager) with the Heavy Shop Equipment Replacement Program and the Hoist Replacement at Fort Rouge Garage.

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

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Heavy Shop Equipment Replacement Program**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210010621  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	200	200	200	200	200	200	1,000	1,200
Financed by:									
Cash to Capital			200		200	200	200	800	800
External Debt		200		200				200	400

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	200	200	200	200	200	200	-	1,200
Financed by:								
Cash to Capital		200		200	200	200		800
External Debt	200		200					400

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	11	23	35	47	47	47
Transfer to General Capital Fund		200		200	200	200
<b>Total Direct Costs</b>	11	223	35	247	247	247
Less: Incremental Revenue/Recovery	7	7	7	7	7	7
<b>Net Cost/(Benefit)</b>	4	216	28	240	240	240
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Heavy Shop Equipment Replacement Program will replace several of Transit's outdated and aged equipment in the maintenance shop. This will minimize equipment and bus downtime, save money on expensive custom parts, and ensure buses are available for service in a timely manner.

Includes a shared temporary, capital funded full-time equivalent position (Project Manager) with the Accessibility Program and the Hoist Replacement at Fort Rouge Garage.

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

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Hoist Replacement at Fort Rouge Garage**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210010421  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,100	2,600	-	3,300	2,500	3,050	11,450	12,550
Financed by:									
Cash to Capital					2,816			2,816	2,816
External Debt		1,100	2,600		484	2,500	3,050	8,634	9,734

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,100	2,600	-	3,300	2,500	3,050	-	12,550
Financed by:								
Cash to Capital				2,816				2,816
External Debt	1,100	2,600		484	2,500	3,050		9,734

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	38	152	208	228	344	536
Transfer to General Capital Fund				2,816		
<b>Total Direct Costs</b>	38	152	208	3,044	344	536
Less: Incremental Revenue/Recovery	36	85		107	81	99
<b>Net Cost/(Benefit)</b>	2	67	208	2,937	263	437
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

All 38 in-ground hoists found in the Fort Rouge Garage maintenance shop require replacement due to deterioration and age, inefficient and outdated designs, and to ensure compliance with new hoist codes and standards.

Includes a shared temporary capital funded full-time equivalent position (Project Manager) with the Heavy Shop Equipment Replacement Program and Accessibility Program.

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

## TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Heated Bus Shelter Program**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210001521  
Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,500	1,500	1,500	-	-	-	3,000	4,500
Financed by: Retained Earnings		1,500	1,500	1,500				3,000	4,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,500	1,500	1,500	-	-	-	-	4,500
Financed by: Retained Earnings	1,500	1,500	1,500					4,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	49	49	49			
<b>Net Cost/(Benefit)</b>	(49)	(49)	(49)	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program includes the purchase, installation, and/or rehabilitation of heated bus shelters. The department will develop a strategy to construct shelters concurrent with the result of the Winnipeg Transit Master Plan which will identify preferred sites. Future operating budget impacts, following construction, may need to be adjusted.

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

# TRANSIT - TRANSIT SYSTEM FUND

Project Name: **Transit Improvements**

Standing Policy: Infrastructure Renewal and Public Works  
Committee:

Department: Transit  
Project: 4210010923

Service: Public Transit  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	600	-	-	-	600	600
Financed by: Retained Earnings				600				600	600

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	600	-	-	-	-	600
Financed by: Retained Earnings			600					600

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund	-	-	-	-	-	-
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery			20			
<b>Net Cost/(Benefit)</b>	-	-	(20)	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

On July 23, 2020, Council approved the allocation of up to \$600,000 for transit improvements at the intersections of Portage Avenue and Edmonton Street, and Portage Avenue and Vaughan Street as part of the request from Starlight Investments for a financial contribution to the Portage Place Revitalization Project.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Aqueduct Condition Assessment and Rehabilitation**

Standing Policy: Water and Waste, Riverbank Management and the Environment  
Committee:

Department: Water and Waste  
Project: 2003000621  
Service: Water  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	520	2,000	1,030	1,650	3,700	-	8,380	8,900
Financed by: Retained Earnings		520	2,000	1,030	1,650	3,700		8,380	8,900

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	520	2,000	1,030	1,650	3,700	-	-	8,900
Financed by: Retained Earnings	520	2,000	1,030	1,650	3,700			8,900

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The Shoal Lake Aqueduct, which has been in continuous service since 1919, delivers water to Winnipeg from Shoal Lake, a distance of 156 kilometers (97 miles).

Funds are for condition assessment and rehabilitation work identified through on-going monitoring and inspection programs. Work identified to date includes rehabilitation of the aqueduct pipe, berm, and underdrain system, rehabilitation of the drainage siphons crossing under the aqueduct, and the rehabilitation/replacement of select boathouses, overflow structures, bar screens, stop logs, vent pipes, manholes, culverts, ditches, bridging structures and railway crossings signals.

The expected life of this asset is 40 years.

Class 3 estimate applies to projects in 2021 only. Individual projects within this program will be revised to class 3 estimates through preliminary engineering prior to construction.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Shoal Lake Aqueduct Intake Facility Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2012000221  
Service: Water  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	600	3,600	3,550	-	1,000	2,900	11,050	11,650
Financed by: Retained Earnings		600	3,600	3,550		1,000	2,900	11,050	11,650

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	600	3,600	3,550	-	1,000	2,900	-	11,650
Financed by: Retained Earnings	600	3,600	3,550		1,000	2,900		11,650

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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 undertaken 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, upgrades to the mussel control system, as well as upgrades and improvements to the existing infrastructure. The recommended improvements will be completed in phases according to priority.

Preliminary design will provide a class 3 estimate prior to construction.

The expected life of this asset is 50 years.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Branch Aqueduct Condition Assessment and Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2003000521  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	2,400	300	-	1,000	-	1,000	-	2,000	2,300
Financed by: Retained Earnings		300		1,000		1,000		2,000	2,300

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	300	-	1,000	-	1,000	-	-	2,300
Financed by: Retained Earnings	300		1,000		1,000			2,300

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The Branch I and II Aqueducts, along with the Branch Interconnection Aqueduct are specialized pipes which are unique in size, materials, construction techniques and failure modes. The Branch I Aqueduct was installed between 1914 to 1918 and the Branch II and Interconnection Aqueducts were installed between 1959 and 1963. All of these require specialized inspection, testing, and maintenance to preserve the asset.

Funds are for the condition assessment and rehabilitation of the Branch and Interconnection Aqueducts along with their associated ancillaries.

Preliminary planning will provide a class 3 estimate prior to inspection and/or construction.

The expected life of this asset is 40 years.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Tache Booster Pumping Station**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2005000621  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,179	1,000	-	350	-	-	-	350	1,350
Financed by: Retained Earnings		1,000		350				350	1,350

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,000	-	350	-	-	-	-	1,350
Financed by: Retained Earnings	1,000		350					1,350

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>	4		4			
<b>Authorization by Workstream (\$000's)</b>						
Detailed Design & Construction	1,000		350			

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 upgrades to the pumping station and the aqueduct surge tower adjacent to the station. The work includes upgrading the station's electrical, heating and ventilation systems, upgrading the foundation and roof structures, and upgrading and reconfiguring the valve and piping system between the pumping station and the surge tower. Also, aesthetic, security fencing, and landscaping upgrades to the site and facilities will be undertaken to integrate with the proposed residential redevelopment of the surrounding area.

Preliminary design work will provide a class 3 estimate prior to construction.

The expected life of the rehabilitated asset is 50 years.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Pumping Stations and Reservoirs Structural Upgrades**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2005001221  
Service: Water  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	400	-	-	-	-	-	-	400
Financed by: Transfer from Prior Year Authorization		400						-	400

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	400	-	-	-	-	-	-	400
Financed by: Transfer from Prior Year Authorization	400							400

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The McPhillips, Wilkes and MacLean reservoirs provide balancing storage to meet fluctuating daily water demands; the McPhillips, Hurst, and MacLean pumping stations provide the final pumping to deliver water to the water utility customers. These pump stations and reservoirs were constructed in the early 1960s. It is anticipated that the building structures will require upgrading to ensure the uninterrupted operation of these pumping facilities.

Condition assessments will be undertaken at the reservoirs to identify any repairs needed to ensure the reservoirs remain operational for the next 50 years. Additional investments in the pumping stations and reservoirs will be put forward as a result of the condition assessments.

Funding in 2021 includes \$400,000 rebudgeted from capital budget authorization in 2018 - see Appendix 4.

The expected life of these assets is 50 years.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Chlorination Upgrading at Pumping Stations**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2005001121  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	200	800	-	4,800	-	-	-	4,800	5,600
Financed by: Retained Earnings		800		4,800				4,800	5,600

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	800	-	4,800	-	-	-	-	5,600
Financed by: Retained Earnings	800		4,800					5,600

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs				30	30	30
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	30	30	30
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	30	30	30
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

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 uses chlorine gas, which is a hazardous chemical.

Funds are for the design and installation of a new chlorine system or for the existing system to be upgraded in order to reduce risks.

The expected life of these assets is 25 years.



## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Deacon Reservoir Cell Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2011000126

Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	2,783	-	-	-	-	-	100	100	100
Financed by: Retained Earnings							100	100	100

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	-	100	-	100
Financed by: Retained Earnings						100		100

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The Deacon Reservoir is used to supplement the City's water supply when the daily demand exceeds the capacity of the Shoal Lake Aqueduct and to provide water during Shoal Lake Aqueduct shutdowns. A topographic survey of the top of the reservoir dikes found some top of dike elevations that were substantially lower than design elevations. Geotechnical testing was completed and found that the dike fill remains well compacted and consolidation of the soils below the dikes is ongoing but is slowing over time. Based on existing water demands and the operational strategy of the reservoir, consolidation will continue to be monitored through dike surveys and any dike raises will be deferred until water demands increase.

The expected life of this asset is 50 years.



# WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Ultraviolet Light Disinfection System Upgrade**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Water  
 Project: 2005001521      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	882	1,735	-	-	-	-	-	-	1,735
Financed by: Retained Earnings		1,735						-	1,735

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,735	-	-	-	-	-	-	1,735
Financed by: Retained Earnings	1,735							1,735

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>	4					
<b>Authorization by Workstream (\$000's)</b>						
Detailed Design & Construction	1,735					

Filtered water produced by the water treatment plant undergoes final treatment by ultraviolet light at the Deacon Booster Pumping Station before being delivered to the City's water distribution system. The ultraviolet light disinfection system is an integral pathogen barrier in the treatment process. An assessment report was finalized in 2016 to evaluate upgrade options to address recent research findings in medium-pressure lamp technology, maintenance concerns from several key system components at or near the end of their useful life, as well as optimization of the system for the treated water quality. Funding is to complete the recommended upgrades.

Preliminary engineering in 2020 will develop a class 3 estimate prior to construction.

The expected life of this asset is 20 years.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Discharge Meter Upgrades at the In-town Pumping Stations**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2005001623  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	150	-	-	550	2,150	-	-	2,700	2,700
Financed by: Retained Earnings				550	2,150			2,700	2,700

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	550	2,150	-	-	-	2,700
Financed by: Retained Earnings			550	2,150				2,700

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The in-town pumping stations supply 100% of the City's daily water use. Accurate flow measurement of water leaving the pumping stations is critical to the operation of the water distribution system. Due to age and lack of hardware support, the accuracy of the existing meters is not within an acceptable range.

Funds are to replace the meters and provide a means of secondary measurement.

Preliminary design will provide a class 3 estimate prior to construction.

The estimated life of this asset is 25 years.



## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Treatment Plant Programmable Logic Controllers Upgrade**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2010002122  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	350	-	-	-	-	350	350
Financed by: Retained Earnings			350					350	350

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	350	-	-	-	-	-	350
Financed by: Retained Earnings		350						350

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Programmable Logic Controllers (PLCs) are specialized hardware with customized software that provide local control of systems and processes at the Winnipeg Drinking Water Treatment Plant. The PLCs currently in use at the Winnipeg Drinking Water Treatment Plant have reached industry standard for replacement and are in the process of being discontinued by their manufacturer. To ensure a continuous supply of water to the City of Winnipeg, the PLCs will need to be replaced. Communication hardware associated with the PLCs is nearing end of life and will need to be replaced.

Funding in 2022 will develop a class 3 estimate and timeframe for PLC replacement; additional funds will be required in future years to implement the recommendations of this plan.

The expected service life of the PLCs is 10 years but will depend on technical advancement in the process automation field.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Pumping Stations Reliability Upgrades**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Water  
Project: 2005000322      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	5,196	-	480	-	-	-	-	480	480
Financed by: Retained Earnings			480					480	480

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	480	-	-	-	-	-	480
Financed by: Retained Earnings		480						480

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

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 Water Pumping Station Power Reliability Study also recommended a number of upgrades to address risks associated with the configuration of the pumping and ancillary equipment. These reliability upgrades will address shortcomings in the existing control and instrumentation design and will add redundancy to ensure greater station reliability. These reliability upgrades will be undertaken in conjunction with the Supervisory Control and Data Acquisition upgrade project to minimize station shut-down times.

Power quality benchmark testing has found that the electric motors used to distribute potable water from the McPhillips Regional Pumping Station are causing an unacceptable temporary voltage drop upon motor start-up. Preliminary design will be undertaken to determine the options available to limit voltage drop and may identify power quality upgrade requirements at other water pumping stations.

The estimated life of this asset is 60 years.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Study of Backup Power Supply for the Hurst Pumping Station**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2005001322  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	580	-	-	-	-	580	580
Financed by: Retained Earnings			580					580	580

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	580	-	-	-	-	-	580
Financed by: Retained Earnings		580						580

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The MacLean and McPhillips pumping stations are driven using two sources of energy: electrical power supply and natural gas. The Hurst Pumping Station, serving the largest portion of the City's water demand, is equipped solely with electrically driven pumps. Despite some redundancy in the electrical supply to the station, Hurst has experienced electrical power disruptions that caused the electric pumps to shut down for protection purposes, which resulted in reduced water service.

In light of electrical interruptions at Hurst Pumping Station, the Regional Water Supply Conceptual Planning Study Update recommended assessing the need for backup power supply to this station. This study will evaluate options for backup power supply and provide cost estimates for options.

The estimated life of this asset is 50 years.

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Feeder Main Condition Assessment and Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2004000721  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	360	200	2,300	1,750	500	1,300	6,050	6,410
Financed by: Retained Earnings		360	200	2,300	1,750	500	1,300	6,050	6,410

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	360	200	2,300	1,750	500	1,300	-	6,410
Financed by: Retained Earnings	360	200	2,300	1,750	500	1,300		6,410

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Feeder mains are specialized pipes which are unique in size, materials, construction techniques, and failure modes. The majority of feeder mains were installed in the 1960s 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.

Additional investments in Feeder Main Condition Assessment and Rehabilitation will be put forward as a result of recent and ongoing condition assessment.

The estimated life of a rehabilitated asset ranges from 20 to 80 years, depending on asset type, condition, and the rehabilitation method used.

Individual projects within this program will be revised to class 3 estimates through preliminary engineering prior to construction.

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

# WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Meter Renewals**

Standing Policy: Water and Waste, Riverbank Management and the Environment  
 Committee:

Department: Water and Waste  
 Project: 2001003425  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	450	-	-	-	-	16,000	23,000	39,000	39,000
Financed by: Water Meter Renewal Reserve						16,000	23,000	39,000	39,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	16,000	23,000	-	39,000
Financed by: Water Meter Renewal Reserve					16,000	23,000		39,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>					5/5/5	5
<b>Authorization by Workstream (\$000's)</b>						
Feasibility					500	
Preliminary Design					1,500	
Detailed Design & Construction					14,000	23,000

The majority of the City's inventory of water meters are at end of life. Funding in previous years will be used to review current water meter technology, validate the best replacement technology, and develop a plan and class 3 estimate for implementation of a multi-year direct-read water meter replacement program.

Implementation of the water meter renewal program is forecast to be funded by the Water Meter Renewal Reserve fund in 2025 and 2026. On January 30, 2020, Council authorized the establishment of the Water Meter Renewal Reserve. The reserve will accumulate funds for replacement and renewal of aging water meters and an advanced meter system.

The estimated life of a water meter is 15 years.

# WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Water Main Renewals**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2013100121  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	18,000	18,500	19,000	20,000	20,500	21,250	99,250	117,250
Financed by: Water Main Renewal Reserve		18,000	18,500	19,000	20,000	20,500	21,250	99,250	117,250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	18,000	18,500	19,000	20,000	20,500	21,250	-	117,250
Financed by: Water Main Renewal Reserve	18,000	18,500	19,000	20,000	20,500	21,250		117,250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This is a continuing program to replace and/or rehabilitate deteriorating water main infrastructure. Funding is used for water main replacement, cathodic protection, valve and hydrant replacement/rehabilitation, correction of dead end mains, upgrading of substandard mains, water system studies, assessments, development of design standards and replacement of problem water services within the City right-of-way, and hydraulic improvements for fire protection purposes. Funding is also used for integrated right-of-way renewal programs coordinated with the Public Works Department.

The expected remaining life of each rehabilitated water main ranges from 20 to 80 years, depending on the rehabilitation technology and the asset condition.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Customer Billing and Work Management Systems Upgrades Program**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Water  
Project: 2010001221      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	2,200	350	550	750	600	2,050	4,300	6,500
Financed by: Retained Earnings		2,200	350	550	750	600	2,050	4,300	6,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,200	350	550	750	600	2,050	-	6,500
Financed by: Retained Earnings	2,200	350	550	750	600	2,050		6,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Customer Care and Billing (CCB) is used to manage customer accounts and collections for Water, Wastewater and Solid Waste services. Oracle Work Order and Asset Management (WAM) is used in the delivery of Water and Wastewater services for work planning, management, infrastructure preventative maintenance and renewal programs. Both CCB and WAM require ongoing product updates to ensure these systems can support the day-to-day operations within the Water and Waste Department.

This program will maintain the CCB and WAM systems to meet current and future business requirements resulting from functional, technical, and business continuity changes.

The estimated life of this asset is 10 years.

Funding for this program is split between the Waterworks System Fund and the Sewage Disposal Fund.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Application and Data Integration**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Water  
Project: 2010001821      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	250	350	400	565	515	320	2,150	2,400
Financed by: Retained Earnings		250	350	400	565	515	320	2,150	2,400

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	250	350	400	565	515	320	-	2,400
Financed by: Retained Earnings	250	350	400	565	515	320		2,400

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs				28	29	30
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	28	29	30
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	28	29	30
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program will integrate various applications and data sources at Water and Waste Department to be able to connect information across systems and to obtain a single source of truth. This will expand service delivery capabilities, improve access to and sharing of data and information, and enable new applications and technologies to provide superior utility service to customers.

The estimated life of this asset is 10 years.

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

## WATER AND WASTE - WATERWORKS SYSTEM FUND

Project Name: **Digital Enablement for Plant and Field Employees**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2010001921  
 Service: Water  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	750	750	750	500	500	250	2,750	3,500
Financed by: Retained Earnings		750	750	750	500	500	250	2,750	3,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	750	750	750	500	500	250	-	3,500
Financed by: Retained Earnings	750	750	750	500	500	250		3,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program will develop and implement technology solutions that can be leveraged by plant and field employees to perform their work more effectively and efficiently, and provide timely information to the public and 311. This will increase productivity by reducing manual effort, improve accessibility to information, improve accuracy and quality of information, reduce time to record and retrieve information, improve communication, and improve customer service and experience.

The estimated life of this asset is 10 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Sludge Drying Beds Decommissioning**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2034001124  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	375	-	-	375	375
Financed by: Retained Earnings					375			375	375

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	375	-	-	-	375
Financed by: Retained Earnings				375				375

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The former sludge drying beds in West St. Paul are no longer being used for storage. Decommissioning the sludge drying beds is a condition of closing the Environment Act Licence 1089 E RR. This work will develop a class 3 estimate for a decommissioning plan and identify options for future use.

Additional funds will be required in future years to implement the recommendations of this plan.

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Process Control System Master Plan and Upgrade**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2040000625      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	4,000	-	-	-	-	3,000	9,500	12,500	12,500
Financed by: Retained Earnings						3,000	9,500	12,500	12,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	-	3,000	7,000	2,500	12,500
Financed by: Retained Earnings					3,000	7,000	2,500	12,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

The Water and Waste Department's three sewage treatment plants utilize a Distributed Control System (DCS) with a Process Control View (PCV) Human Machine Interface (HMI) for process control. It is an intricate network of specialized computers that monitor thousands of sensors throughout the plants and controls the treatment processes by making calculations and adjustments prescribed by operators and process control analysts.

An Automation Master Plan was developed for the sewage treatment plants in 2012. The DCS system will be replaced with a Programmable Logic Controller (PLC) based system and a new HMI system will be installed at all three treatment plants. The replacement of the DCS and HMI systems at the North End and South End Sewage Treatment Plants are part of the major capital upgrade projects at these facilities.

This program will develop a plan to ensure operational reliability throughout the upgrades and in the long term once the upgrades are complete. The major components of this program include: maintaining the DCS and HMI systems until replacement, upgrading the inter-plant communication systems and network security components, and replacement of the West End Sewage Treatment Plant DCS and HMI systems.

The class estimate will be refined to a class 3 prior to undertaking upgrades.

\$3,000,000 from 2018 capital budget authorization was returned to Retained Earnings for redistribution in 2025.

The expected life of the new PLC system is 20 years and the new HMI system is 10 years.

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Asset Refurbishment and Replacement Program**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2030000521      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	5,000	2,000	5,000	5,000	5,000	5,000	22,000	27,000
Financed by: Retained Earnings		5,000	2,000	5,000	5,000	5,000	5,000	22,000	27,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	5,000	2,000	5,000	5,000	5,000	5,000	-	27,000
Financed by: Retained Earnings	5,000	2,000	5,000	5,000	5,000	5,000		27,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

A risk and criticality review of the City's three sewage treatment plants has been undertaken to assess the condition of assets and to develop a refurbishment and replacement plan for the next 25 years. The improvements identified will address process reliability, mechanical, electrical, structural components, building envelope and safety at all three locations including any related works required such as environmental studies/assessments or decommissioning of assets. 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. Class estimates for individual projects within this program will be revised to class 3 through preliminary engineering prior to construction.

The expected life of the structure upgrades is 50 years and the expected life of the electrical and mechanical components is 25 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **West End Sewage Treatment Plant (WEWPCC) - Facilities Plan**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2033001121      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	500	-	-	-	-	-	-	500
Financed by: Retained Earnings		500						-	500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	-	-	-	-	-	-	500
Financed by: Retained Earnings	500							500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

In 2008, the West End Sewage Treatment Plant was upgraded to meet new nutrient removal regulations. Some assets were not upgraded and are now nearing their end of life.

The plan will assess capacity and expansion options of key process components (e.g. headworks) to meet projected growth in the catchment area and identify ancillary assets for replacement and/or refurbishment. Ancillary assets include process piping, heating and ventilation, mechanical and electrical components. This is done to support process operations and maintain environmental compliance.

Additional funds will be required in future years to implement the recommendations of this plan.

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Arc Flash Hazard Analysis and Remediation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2030001821      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	320	270	-	-	-	-	270	590
Financed by: Retained Earnings		320	270					270	590

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	320	270	-	-	-	-	-	590
Financed by: Retained Earnings	320	270						590

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

As part of the Canadian Standards Association Occupational Health and Safety program, a new standard entitled CSA Z462, Workplace Electrical Safety Standard has been adopted within the new Canadian Electrical Code.

The program will implement the recommendations from the Arc Flash Study on a priority/risk basis in conjunction with other electrical upgrades at the Department's facilities. This work includes decreasing the potential arc flash energy at various distribution points, upgrading equipment to lower fault energies, procuring personal protective equipment and providing training. This is for compliance to the arc flash requirements in the electrical code.

The expected life of this asset is 50 years.

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



## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Lift Stations Upgrading**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2035000121  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	6,250	6,250	3,250	6,500	7,000	6,000	29,000	35,250
Financed by: Retained Earnings		6,250	6,250	3,250	6,500	7,000	6,000	29,000	35,250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	6,250	6,250	3,250	6,500	7,000	6,000	-	35,250
Financed by: Retained Earnings	6,250	6,250	3,250	6,500	7,000	6,000		35,250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This project is part of a continuing program for mitigating hydraulic, structural, safety, odour and aesthetic problems, as well as for undertaking capacity assessments for the 75 lift stations and associated force mains, gate chambers, and related works in the sewage collection system.

The program includes the condition assessment of all lift stations to establish rehabilitation priority and future funding requirements.

Class estimates for individual projects within this program will be revised to class 3 through preliminary engineering prior to construction.

The estimated life of this asset is 50 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **River Crossings Monitoring and Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2037500021  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	9,400	2,500	730	-	625	-	3,855	13,255
Financed by: Retained Earnings		9,400	2,500	730		625		3,855	13,255

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	9,400	2,500	730	-	625	-	-	13,255
Financed by: Retained Earnings	9,400	2,500	730		625			13,255

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

This project is for the condition assessment, rehabilitation and/or replacement of the sewer river crossings, and for the installation of leak detection equipment on the existing waterway crossings.

The department has completed a risk assessment of all river crossings in order to determine a prioritization plan for ongoing condition assessment as well as to upgrade and replace any at-risk crossings as required by Environment Licences issued by the Province of Manitoba for the wastewater collection system in the City of Winnipeg.

These funds will also be used to install continuous leak detection monitoring equipment at river crossings as required by the Provincial Environmental Licence.

A class 3 estimate will be obtained prior to construction or inspection work.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Combined Sewer Overflow and Basement Flood Management Strategy**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2038000121      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	32,000	30,000	28,000	32,000	26,500	31,500	148,000	180,000
Financed by: Environmental Projects Reserve		32,000	30,000	28,000	32,000	26,500	31,500	148,000	180,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	32,000	30,000	28,000	32,000	26,500	31,500	-	180,000
Financed by: Environmental Projects Reserve	32,000	30,000	28,000	32,000	26,500	31,500		180,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Combined Sewer Overflow (CSO) and Basement Flood Management Strategy projects will be driven by the CSO Master Plan, which was approved by the Province on November 13, 2019, developed to meet the requirements of Environment Act Licence No. 3042. The objectives of this multi-year program are to: comply with the regulators to mitigate the impact of CSO's on the local water courses and improve basement flooding protection.

Funds budgeted are for the development and implementation of a CSO Master Plan as well as for sewer relief works associated with basement flooding and CSO mitigation including sewers, chambers, weirs, and other related works. Funds are also budgeted for monitoring and reporting programs and systems, pilot studies, land acquisition, and integration with other major sewer programs.

All projects will be updated to a class 3 estimate through preliminary and detailed design prior to any construction work.

The expected life of the sewers is 50 years, mechanical components is 25 years and the Supervisory Control and Data Acquisition system is 10 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Southwest Interceptor (formerly Southwest Interceptor River Crossing)**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2037001624      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,350	-	-	-	5,000	35,000	20,000	60,000	60,000
Financed by: Retained Earnings					5,000	35,000	20,000	60,000	60,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	5,000	35,000	20,000	-	60,000
Financed by: Retained Earnings				5,000	35,000	20,000		60,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: See table below

	2021	2022	2023	2024	2025	2026
<b>Class Estimate</b>				5	5	5
<b>Authorization by Workstream (\$000's)</b>						
Detailed Design & Construction				5,000	35,000	20,000

Currently, all sewage from the land in Winnipeg south of Bishop Grandin Boulevard and west of the Red River plus the communities of Lindenwoods and Whyte Ridge flow to the South End Sewage Treatment Plant (SEWPCC). This flow crosses the Red River between the Fort Garry bridges; at this location the D'Arcy lift station raises the sewage to a sufficient height to allow it to flow by gravity under the Red River.

This crossing represents a single point of failure. If there is a failure of the lift station or the siphon, there is a substantial risk of basement flooding and/or overflows to the Red River. System redundancy is required to convey flows to the treatment plant in the event of a failure of either D'Arcy lift station or the associated siphons. Also, due to the high wet weather flows experienced at the D'Arcy lift station, the additional system capacity will reduce the risk of basement flooding and overflows to the river.

The Southwest Interceptor will provide an additional gravity crossing of the Red River. A conceptual study will be undertaken to review options and sizing. The project will be broken up into two phases; the total cost of the project is estimated at \$90 million.

The major benefits of constructing this project include enabling growth in south-west Winnipeg and maintaining essential level of service.

Significant risks associated with constructing this project include unknown ground conditions and construction of a river crossing.

Significant risks of not constructing the project or deferring the project include inability to accommodate future growth and inability to maintain essential level of service.

The expected life of this asset is 75 years.

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Environmental Standards Laboratory Facility Plan**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
 Project: 2030003624      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	530	-	-	530	530
Financed by: Retained Earnings					530			530	530

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	530	-	-	-	530
Financed by: Retained Earnings				530				530

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

Environmental Standards Division operates a Canadian Association for Laboratory Accreditation (CALA) accredited laboratory for testing, monitoring, and compliance reporting on behalf of the Water and Waste Department. To ensure the laboratory can continue to stay up-to-date with CALA accreditation standards, meet future regulatory monitoring and reporting requirements, and accommodate the increasing demands of the laboratory's internal clients, a new facility plan is required. The plan will also investigate options to bring additional testing in-house with further accreditation requirements.

Additional funds will be required in future years to implement the recommendations of this plan.



# WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Sewer Renewals**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
 Project: 2039100121      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	17,500	18,000	18,500	21,000	21,000	21,000	99,500	117,000
Financed by: Sewer System Rehabilitation Reserve		17,500	18,000	18,500	21,000	21,000	21,000	99,500	117,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	17,500	18,000	18,500	21,000	21,000	21,000	-	117,000
Financed by: Sewer System Rehabilitation Reserve	17,500	18,000	18,500	21,000	21,000	21,000		117,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This is a program to replace and/or rehabilitate combined, wastewater, and land drainage sewer infrastructure that are no longer meeting level of service objectives. A portion of the funding will be used for condition assessment of sewer assets; sewers will be replaced or rehabilitated using appropriate technologies on a risk-based level of service basis. Funds will also be utilized to update the sewer asset register, and ongoing operating costs associated with software licensing and maintenance have been included.

Funding will also be utilized for the assessment, repair and/or replacement, under certain conditions, of private wastewater sewer services within the public right-of-way under the Sewer By-Law, and for the development of wastewater and land drainage design standards.

The expected remaining life of each rehabilitated sewer ranges from 20 to 100 years, depending on the rehabilitation technology and the asset condition. The expected life of the asset register is 10 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Water and Waste Department (WWD) Business Intelligence**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2040001321  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	1,550	300	300	1,100	550	1,450	3,700	5,250
Financed by: Retained Earnings		1,550	300	300	1,100	550	1,450	3,700	5,250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,550	300	300	1,100	550	1,450	-	5,250
Financed by: Retained Earnings	1,550	300	300	1,100	550	1,450		5,250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This project will develop a solution that will improve access to data and information, provide improved analytics, dashboarding, and reporting functionality, provide timely reporting of data, and generate insights to improve evidence-based decision-making.

The estimated life of this asset is 10 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Customer Billing and Work Management Systems Upgrades Program**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Wastewater  
Project: 2040001221      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	2,200	350	550	750	600	2,050	4,300	6,500
Financed by: Retained Earnings		2,200	350	550	750	600	2,050	4,300	6,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,200	350	550	750	600	2,050	-	6,500
Financed by: Retained Earnings	2,200	350	550	750	600	2,050		6,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Customer Care and Billing (CCB) is used to manage customer accounts and collections for Water, Wastewater, and Solid Waste services. Oracle Work Order and Asset Management (WAM) is used in the delivery of Water and Wastewater services for work planning, management, infrastructure preventative maintenance and renewal programs. Both CCB and WAM require ongoing product updates to ensure these systems can support the day-to-day operations within the Water and Waste Department.

This program will maintain the CCB and WAM systems to meet current and future business requirements resulting from functional, technical, and business continuity changes.

The estimated life of this asset is 10 years.

Funding for this program is split between the Waterworks System Fund and the Sewage Disposal Fund.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **Digital Customer Solutions**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2040002121  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	500	350	350	715	715	300	2,430	2,930
Financed by: Retained Earnings		500	350	350	715	715	300	2,430	2,930

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	350	350	715	715	300	-	2,930
Financed by: Retained Earnings	500	350	350	715	715	300		2,930

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program will sustain, enhance, and mature the Water and Waste Department's existing digital customer platforms (i.e. MyUtility Bill). It will also develop and implement new digital customer channels that will improve operational performance and customer service.

The estimated life of this asset is 10 years.

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

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **WWD Document Management System**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2040001821  
 Service: Wastewater  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	1,350	250	250	-	-	-	-	250	500
Financed by: Retained Earnings		250	250					250	500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	250	250	-	-	-	-	-	500
Financed by: Retained Earnings	250	250						500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The collaboration and document platform provides the ability to upload, store, and retrieve documents in a concise, practical manner using a standard practice for all divisions within the department. This will increase both internal and external stakeholders' accessibility to departmental documents. A document management system will also automate the review and approval processes within Water and Waste Department (WWD) resulting in faster turn-around time.

The estimated life of this asset is 10 years.

## WATER AND WASTE - SEWAGE DISPOSAL SYSTEM FUND

Project Name: **WWD Learning Management System**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2040002024

Service: Wastewater Environment  
OurWinnipeg:

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	-	565	-	-	565	565
Financed by: Retained Earnings					565			565	565

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	565	-	-	-	565
Financed by: Retained Earnings				565				565

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs				58	60	62
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	58	60	62
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	58	60	62
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The Learning Management System will be used to schedule, track, and monitor regulatory required training and certification for Water and Waste Department (WWD) employees. The tool will also provide online training capabilities for training coordinators and optimize the training delivery process.

The estimated life of this asset is 10 years.

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Brady Road Resource Management Facility - Cell Construction**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
 Project: 2062000421  
 Service: Solid Waste Collection and Disposal  
 OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	1,200	750	1,300	500	-	2,500	5,050	6,250
Financed by: Retained Earnings		1,200	750	1,300	500		2,500	5,050	6,250

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,200	750	1,300	500	-	2,500	-	6,250
Financed by: Retained Earnings	1,200	750	1,300	500		2,500		6,250

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

Solid waste must be disposed of in engineered landfill cells under the conditions of the Environment Act Licence No. 3081 R. As the capacity of existing landfill cells is consumed, new cells and their supporting infrastructure must be designed and constructed. The funding identified provides for design, excavation, liners, leachate collection, associated surface and ground water management, access roads, and associated engineering work.

The expected life of this asset is 50 years.

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

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Brady Road Resource Management Facility - Alternative Energy Project**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Solid Waste Collection and Disposal  
Project: 2062000922      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	2,500	-	-	-	-	2,500	2,500
Financed by: External Debt			2,500					2,500	2,500

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	2,500	-	-	-	-	-	2,500
Financed by: External Debt		2,500						2,500

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges		91	145	145	145	145
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	91	145	145	145	145
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	91	145	145	145	145
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

Landfill gas from the Brady Road Resource Management Facility is currently captured and flared as required by the Climate Change and Emissions Reductions Act. Landfill gas is comprised of approximately 50% methane and represents a significant potential energy source that could be harnessed. Landfill gas to energy systems, capturing heat and/or power, are common in landfills throughout North America.

Funds provisioned are for engineering and detailed design. Funding opportunities with external third parties are currently being explored for full implementation.

The estimated life of this asset is 40 years.

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Closed Landfill Site Improvement**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Solid Waste Collection and Disposal  
 Project: 2060000621      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	100	100	100	-	-	-	200	300
Financed by: Landfill Rehabilitation Reserve		100	100	100				200	300

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	100	100	100	-	-	-	-	300
Financed by: Landfill Rehabilitation Reserve	100	100	100					300

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The Closed Landfill Site Improvement program was initiated in 2016 as a response to the Landfill Disposition Study that prioritized projects to improve and upgrade closed landfill components, including the protective cap, leachate and landfill gas collection systems, and monitoring equipment.

The program also includes a soil fabrication pilot project at Summit Landfill. This is an operational-scale demonstration of an all-season operation that uses city residuals, such as biosolids, street sweepings from winter road operations (sand and grit), and woodchips, to fabricate top soil to complete the cap system at Summit Landfill. Capping the landfill is a regulatory requirement that will protect human health and the environment. The soil blends are designed to be environmentally protective and support vegetative growth, while restoring the landfill to a native prairie landscape.

The expected life of this asset is 50 years.

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

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Soil Fabrication for Landfill Cover**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2062001121

Service: Solid Waste Collection and Disposal  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	1,250	1,300	1,300	1,350	1,400	1,400	6,750	8,000
Financed by: Landfill Rehabilitation Reserve		1,250	1,300	1,300	1,350	1,400	1,400	6,750	8,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,250	1,300	1,300	1,350	1,400	1,400	-	8,000
Financed by: Landfill Rehabilitation Reserve	1,250	1,300	1,300	1,350	1,400	1,400		8,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This is a program for all-season fabrication of soil to supplement city topsoil requirements. The soil fabrication process uses city residuals, such as biosolids, street sweepings from winter road operations (sand and grit), and woodchips, to fabricate top soil. This is then spread and seeded with native prairie species at city landfills. Operations include ongoing environmental and vegetative monitoring.

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

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Comprehensive Integrated Waste Management Strategy (CIWMS) - Review**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Recycling and Waste Diversion  
Project: 2060000723      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	-	-	450	-	-	-	450	450
Financed by: Waste Diversion Reserve				450				450	450

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	450	-	-	-	-	450
Financed by: Waste Diversion Reserve			450					450

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 4

On October 19, 2011, Council adopted the Comprehensive Integrated Waste Management Strategy for implementation starting in 2012. The strategy includes a recommendation for Solid Waste Services to undertake a review, analysis and development of a roadmap of the City's solid waste systems every five years. The next review will take place in 2023.

## WATER AND WASTE - SOLID WASTE DISPOSAL FUND

Project Name: **Collections Management System**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2064000322

Service: Solid Waste Collection and Disposal  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	700	-	250	200	-	-	-	450	450
Financed by: Waste Diversion Reserve			250	200				450	450

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	250	200	-	-	-	-	450
Financed by: Waste Diversion Reserve		250	200					450

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

This project will provide an integrated collections management information system that will manage cart inventory and delivery, billing and payment processing, vendor and contract management, customer service inquiries, and operational and compliance reporting capabilities. The scope of this project will include building new system functionalities within the in-house developed Collections Management System (CMS), integrating CMS with garbage and recycling contractor's application systems as well as with other internal City systems, and developing tools to generate compliance, operational and financial reports and dashboards.

The expected life of this asset is 10 years.

# WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Flood Pumping Station Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Land Drainage and Flood Control  
 Project: 2076500122      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	-	1,000	1,000	1,000	1,000	1,000	5,000	5,000
Financed by: Transfer from Sewage Disposal System Fund			1,000	1,000	1,000	1,000	1,000	5,000	5,000

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	1,000	1,000	1,000	1,000	1,000	-	5,000
Financed by: Transfer from Sewage Disposal System Fund		1,000	1,000	1,000	1,000	1,000		5,000

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

A 2007 report on the adequacy and operation of the City's 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 and may include changes to ventilation, electrical, mechanical, structural, or architectural components of the stations and associated structures, chambers, weirs, outfall pipes, and gates. A program to address high priority reliability items has been developed for implementation. 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.

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

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

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2082000224

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	-	-	-	100	100	100	300	300
Financed by: Transfer from Sewage Disposal System Fund					100	100	100	300	300

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	-	-	-	100	100	100	-	300
Financed by: Transfer from Sewage Disposal System Fund				100	100	100		300

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

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.

# WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Stormwater Retention Basin Upgrades**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste      Service: Land Drainage and Flood Control  
 Project: 2075000121      OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	150	-	-	485	-	-	485	635
Financed by: Transfer from Sewage Disposal System Fund		150			485			485	635

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	150	-	-	485	-	-	-	635
Financed by: Transfer from Sewage Disposal System Fund	150			485				635

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 5

There are over 100 stormwater retention basins (SRBs) that the City maintains as part of the land drainage system. This program is utilized to replace aging and deteriorated infrastructure along the public shorelines and infrastructure associated with the SRBs of the City's lake system.

Class estimates for individual projects within this program will be revised to class 3 through preliminary engineering prior to construction.

The expected life of this asset is 15 years.

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

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Outfall Rehabilitation**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2078000121

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	2,000	4,050	3,500	3,500	4,000	4,000	19,050	21,050
Financed by: Transfer from Sewage Disposal System Fund		2,000	4,050	3,500	3,500	4,000	4,000	19,050	21,050

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	2,000	4,050	3,500	3,500	4,000	4,000	-	21,050
Financed by: Transfer from Sewage Disposal System Fund	2,000	4,050	3,500	3,500	4,000	4,000		21,050

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

An Outfall Condition Assessment was completed in 2019. This assessment prioritizes Winnipeg's outfall sites that require renewal/rehabilitation, identifies potential renewal/rehabilitation techniques for each outfall, and provides high level cost estimates for this work. The City will program and undertake risk-based work on a yearly basis to maximize use of funding for the rehabilitation of sewer outfalls, repairs to piping and related appurtenances, and to improve riverbank stability issues.

The expected life of this asset is 50 years.

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

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Land Drainage and Combined Sewers Outfall Gate Structures**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2078500221

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	500	1,800	-	-	-	-	1,800	2,300
Financed by: Transfer from Sewage Disposal System Fund		500	1,800					1,800	2,300

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	500	1,800	-	-	-	-	-	2,300
Financed by: Transfer from Sewage Disposal System Fund	500	1,800						2,300

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

All land drainage gate chambers have been upgraded to a protection level of James 24.5 ft. The current focus is to upgrade the City's storm relief sewer (SRS) gate chambers to provide improved dewatering in combined sewer districts during summer rainstorms. The older SRS systems are only isolated from the river with sluice gates. An engineering study has been undertaken to develop conceptual designs and cost estimates for adding flap gates and permanent pumping as required for some of the identified sites, and will be undertaken for remaining sites in future years.

Funds are also provisioned for the rehabilitation of sewer flap gates and associated structures to ensure that all systems are adequately protected from river water intrusion.

The expected life of this asset is 50 years.

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

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Niakwa Drainage Study**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2070002921

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	120	-	-	-	-	-	-	120
Financed by: Transfer from Sewage Disposal System Fund		120						-	120

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	120	-	-	-	-	-	-	120
Financed by: Transfer from Sewage Disposal System Fund	120							120

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The existing land drainage system on Niakwa Road E, that drains to a ditch east of Mazonod Road, is currently not meeting level of service. A study is required to investigate possible solutions to ensure hydraulic capacity is maintained.

The expected life of this asset is 50 years.

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Stormwater Retention Basin and Channel Water Level Monitoring**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2075000621

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	-	300	-	-	-	-	-	-	300
Financed by: Transfer from Sewage Disposal System Fund		300						-	300

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	300	-	-	-	-	-	-	300
Financed by: Transfer from Sewage Disposal System Fund	300							300

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 3

The City of Winnipeg currently monitors water levels in select stormwater retention basins (SRBs) as well as on the Red River at both the North and South Perimeter bridges. Real-time water level monitoring at SRBs is required to ensure ongoing operation of the systems; real-time monitoring of the river is required for flood protection activities. The current monitoring contract is ending. This project will renew the contract and ensure level of service is maintained.

The expected life of this asset is 15 years.

## WATER AND WASTE - LAND DRAINAGE UTILITY FUND

Project Name: **Development Agreement Paybacks**

Standing Policy Committee: Water and Waste, Riverbank Management and the Environment

Department: Water and Waste  
Project: 2077000121

Service: Land Drainage and Flood Control  
OurWinnipeg: Environment

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A*	1,340	400	-	1,700	-	1,000	3,100	4,440
Financed by:									
Developer Capacity Charges		800	400		1,700		1,000	3,100	3,900
Transfer from Sewage Disposal System Fund		540						-	540

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	1,340	400	-	1,700	-	1,000	-	4,440
Financed by:								
Developer Capacity Charges	800	400		1,700		1,000		3,900
Transfer from Sewage Disposal System Fund	540							540

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	-	-	-	-	-	-
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

The provision for development agreement payback is an allowance for the City to repay developers who bridge finance the installation of oversized underground infrastructure at the request of the City at a time when City capital funding is not provided. The policy framework for bridge financing the oversized services was defined in the Development Agreement Parameters, adopted by Council on July 17, 2002.

Development agreement paybacks will be funded by two sources:

- 1) Developer capacity charges: used to fund paybacks related to oversized regional land drainage services. Paybacks will be managed based on available funds in the Developer Capacity Charges account.
- 2) Transfer from Sewage Disposal System Fund: generally used to fund local underground services oversizing.

The expected life of the installed assets are over 50 years.

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









# WINNIPEG FLEET MANAGEMENT AGENCY - FLEET MANAGEMENT AGENCY FUND

Project Name: **Fleet Asset Acquisitions**

Standing Policy: Innovation and Economic Development  
 Committee:

Department: Fleet Management  
 Agency (SOA)  
 Project: 8330000121

Service: Fleet Management Agency (SOA)  
 OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	15,670	15,670	15,670	15,670	15,670	15,670	78,350	94,020
Financed by: External Debt		15,670	15,670	15,670	15,670	15,670	15,670	78,350	94,020

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	15,670	15,670	15,670	15,670	15,670	15,670	-	94,020
Financed by: External Debt	15,670	15,670	15,670	15,670	15,670	15,670		94,020

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges	167	523	947	1,378	1,751	2,064
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	167	523	947	1,378	1,751	2,064
Less: Incremental Revenue/Recovery						
<b>Net Cost/(Benefit)</b>	167	523	947	1,378	1,751	2,064
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: Not applicable, as this is a scalable program

This program funds fleet asset acquisitions which are based on the Winnipeg Fleet Management Agency (WFMA) 2020 to 2023 fleet replacement plan, and are subject to future revision due to WFMA and City department decisions and vendor availability. Fleet acquisitions in 2021 are estimated by fleet category as follows (in thousands of dollars):

- Agricultural equipment \$107
- Attachments \$203
- Industrial equipment \$3,589
- Medium duty trucks \$1,198
- Specialty and fire equipment \$9,073
- Sport utility vehicles \$1,500

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



## WINNIPEG PARKING AUTHORITY - PARKING AUTHORITY FUND

Project Name: **Automated License Plate Recognition (ALPR) Program**

Standing Policy: Innovation and Economic Development  
Committee:

Department: Winnipeg Parking Authority      Service: Parking Authority (SOA)

Project: 8400000121      OurWinnipeg: Prosperity

AUTHORIZATION	Previous Budgets	2021 Adopted	FORECAST					Five-Year Forecast Total	Six-Year Total
			2022	2023	2024	2025	2026		
Project Costs (\$000's)	N/A *	123	170	136	259	186	149	900	1,023
Financed by: Accumulated Surplus (Retained Earnings)		123	170	136	259	186	149	900	1,023

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs (\$000's)	123	170	136	259	186	149	-	1,023
Financed by: Accumulated Surplus (Retained Earnings)	123	170	136	259	186	149		1,023

NET OPERATING IMPACT (\$000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
<b>Total Direct Costs</b>	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	4	6	4	8	6	5
<b>Net Cost/(Benefit)</b>	(4)	(6)	(4)	(8)	(6)	(5)
<b>Incremental Full Time Equivalent Positions</b>	-	-	-	-	-	-

Class Estimate: 2

This program supports the delivery of on-street and off-street enforcement of parking related by-laws, as well as enforcement related to the Vehicles For Hire by-law, by investing in technologies that allow for effective enforcement practices and increased compliance with by-laws. Capital funding is used to both replace automated license plate recognition (ALPR) units and purchase new inventory and necessary information technology infrastructure, such as laptops.

Planned investments for 2021 include two new ALPR units to support improved school zone, fire lane and surface lot enforcement.

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



## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Annual Grants - Operating Budget</b>					
Age and Opportunity Centre - Older victims services	Police Service	18,225	18,225	18,225	18,225
Age and Opportunity Centre Support Services for Older Adults Inc. <sup>1</sup>	Community Services	72,090	72,090	72,090	72,090
Andrews Street Family Centre <sup>1</sup>	Community Services	45,700	45,700	45,700	45,700
Art City	City Clerks	90,000	90,000	90,000	90,000
Art City <sup>1</sup>	Community Services	42,750	42,750	42,750	42,750
Big Brothers Big Sisters of Winnipeg, Inc. <sup>1</sup>	Community Services	10,800	10,800	10,800	10,800
Block Parents	Police Service	15,808	15,808	15,808	15,808
Boys and Girls Club of Winnipeg Inc. <sup>1</sup>	Community Services	118,148	118,148	118,148	118,148
Boys and Girls Club of Winnipeg Inc. - Clean Machine Programs <sup>1</sup>	Public Works	63,000	63,000	63,000	63,000
Broadway Neighbourhood Centre Inc. <sup>1</sup>	Community Services	120,500	120,500	120,500	120,500
Broadway Neighbourhood Centre - Just TV <sup>1</sup>	Community Services	135,000	135,000	135,000	135,000
Charleswood Social Club <sup>1</sup>	Community Services	1,440	1,440	1,440	1,440
Coalition to Save the Elms, Manitoba Inc. <sup>1</sup>	Public Works	20,000	20,000	20,000	20,000
Community Centres <sup>1</sup>	Community Services	6,075,000	6,235,000	6,360,000	6,488,000
Downtown Winnipeg Biz - Biz zone cleanliness <sup>1</sup>	Public Works	117,000	117,000	117,000	117,000
Downtown Winnipeg Biz - Community Homeless Assistance Team (CHAT)	City Clerks	135,000	135,000	135,000	135,000
Downtown Winnipeg Biz - Parking infrastructure maintenance <sup>1</sup>	Parking Authority	115,000	57,500	57,500	57,500
Downtown Winnipeg Biz - Transit shelter cleanliness <sup>1</sup>	Transit	100,000	100,000	100,000	100,000
Economic Development Winnipeg - YES! Winnipeg <sup>1</sup>	City Clerks	121,500	121,500	121,500	121,500
Edge Gallery and Urban Art Centre (formerly Edge Urban Art Centre)	City Clerks	9,000	9,000	9,000	9,000
End Homelessness Winnipeg Inc. <sup>1</sup>	Community Services	150,000	150,000	150,000	150,000
Exchange District Biz - Biz zone cleanliness <sup>1</sup>	Public Works	8,000	8,000	8,000	8,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Annual Grants - Operating Budget</b>					
Exchange District Biz - Historic Exchange Walking Tour	Community Services	2,835	2,835	2,835	2,835
Exchange District Biz - Parking infrastructure maintenance <sup>1</sup>	Parking Authority	60,000	30,000	30,000	30,000
Exchange District Biz - Transit shelter cleanliness <sup>1</sup>	Transit	5,000	5,000	5,000	5,000
Festival du Voyageur - River trail program	Planning, Property and Development	36,000	36,000	36,000	36,000
The Forks Renewal Corporation <sup>1</sup>	Public Works	1,200	1,200	1,200	1,200
The Fort Whyte Foundation Inc.	Waterworks	54,000	54,000	54,000	54,000
General Council of Winnipeg Community Centres (GCWCC) <sup>1</sup>	Community Services	1,172,241	1,172,241	1,172,241	1,172,241
GCWCC - Athletic Field Sweat Equity <sup>1</sup>	Public Works	374,484	374,484	374,484	374,484
GCWCC - Athletic Field Maintenance	Public Works	30,000	30,000	30,000	30,000
Graffiti Art Programming Inc. <sup>1</sup>	Community Services	54,000	54,000	54,000	54,000
Grant's Old Mill Museum	Museums	17,240	17,240	17,240	17,240
Green Action Centre	Solid Waste Disposal	31,500	31,500	31,500	31,500
Heritage Winnipeg Corporation	Planning, Property and Development	31,275	31,275	31,275	31,275
The Historical Museum Association of St. James-Assiniboia Inc.	Museums	83,391	83,391	83,391	83,391
Immigrant and Refugee Community Organization of Manitoba (IRCOM) <sup>1</sup>	Community Services	66,429	66,429	66,429	66,429
Immigrant Centre Manitoba Inc. - 24 Hour Language Bank Interpreter Services <sup>1</sup>	Community Services	24,300	24,300	24,300	24,300
Indigenous Youth Strategy (see schedule at end of appendix)	Chief Administrative Office	1,125,000	1,125,000	1,125,000	1,125,000
Ka Ni Kanichihk Inc. - 24/7 Safe Space Program (Formerly 24/7 Safe Spaces Program under Other Programs - Operating Budget) <sup>1,4</sup>	Community Services	150,000	150,000	150,000	150,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Annual Grants - Operating Budget</b>					
Ma Mawi Wi Chi Itata Centre - Community Services Positive Athletic Cultural Experiences (PACE) for Youth <sup>1</sup>		54,000	54,000	54,000	54,000
Main Street Project Inc. <sup>1</sup>	Community Services	86,400	86,400	86,400	86,400
Manitoba Theatre for Young People	City Clerks	27,000	27,000	27,000	27,000
Mediation Services <sup>1</sup>	Community Services	9,000	9,000	9,000	9,000
Mother Earth Recycling Inc. <sup>1</sup>	Solid Waste Disposal	120,000	120,000	120,000	120,000
New Directions Adult Day Services	Solid Waste Disposal	40,500	40,500	40,500	40,500
North End Community Renewal Corporation <sup>1</sup>	Community Services	48,600	48,600	48,600	48,600
Norwood Lawn Bowling Club <sup>1</sup>	Public Works	16,851	16,851	16,851	16,851
Pan Am Boxing Club Inc. <sup>1</sup>	Community Services	22,590	22,590	22,590	22,590
Red Road Lodge <sup>1</sup>	Community Services	7,560	7,560	7,560	7,560
River East Neighborhood Network - Trails Committee <sup>1</sup>	Public Works	9,000	9,000	9,000	9,000
Ross House Museum ( <i>Seven Oaks House Museum</i> )	Museums	31,077	31,077	31,077	31,077
Rossbrook House <sup>1</sup>	Community Services	230,705	230,705	230,705	230,705
Save Our Seine River Environment Inc.	Waterworks	27,000	27,000	27,000	27,000
Seven Oaks House Museum	Museums	28,226	28,226	28,226	28,226
Spence Neighbourhood Association Inc. - Community Liaison <sup>1</sup>	Community Services	21,150	21,150	21,150	21,150
Spence Neighbourhood Association Inc. - Recreation Programming <sup>1</sup>	Community Services	60,000	60,000	60,000	60,000
Spence Neighbourhood Association <sup>1</sup>	Public Works	2,000	2,000	2,000	2,000
Spence Neighbourhood Association Inc. - 24/7 Safe Space Program (Formerly 24/7 Safe Spaces Program under Other Programs - Operating Budget) <sup>1,4</sup>	Community Services	100,000	100,000	100,000	100,000
St. Boniface Museum	Museums	450,000	450,000	450,000	450,000
Take Pride Winnipeg - General operating	Solid Waste Disposal	164,700	164,700	164,700	164,700
Take Pride Winnipeg - Cleaner Greener Winnipeg <sup>1</sup>	Public Works	27,000	27,000	27,000	27,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Annual Grants - Operating Budget</b>					
Take Pride Winnipeg - Team Up to Clean Up & Mural Program <sup>1</sup>	City Clerks	20,000	20,000	20,000	20,000
Take Pride Winnipeg - Graffiti Control <sup>1</sup>	Public Works	20,000	20,000	20,000	20,000
Transcona Historical Museum Inc.	Museums	155,000	155,000	155,000	155,000
University of Manitoba - Faculty of Kinesiology and Recreation Management <sup>1</sup>	Community Services	45,900	45,900	45,900	45,900
University of Manitoba - Research Sustainable Wastewater Treatment and Nutrient Recovery	Waterworks	27,000	27,000	27,000	27,000
West End Biz - Biz zone cleanliness <sup>1</sup>	Public Works	8,000	8,000	8,000	8,000
West End Biz - Parking infrastructure maintenance <sup>1</sup>	Parking Authority	32,500	16,250	16,250	16,250
William Whyte Neighbourhood Association <sup>1</sup>	Community Services	2,250	2,250	2,250	2,250
Winnipeg Arts Council	City Clerks	4,180,787	4,180,787	4,180,787	4,180,787
Winnipeg Arts Council - Museum Grant Funds	City Clerks	258,570	258,570	258,570	258,570
Winnipeg Art Gallery - Inuit Art Centre	City Clerks	1,000,000			
Winnipeg Housing Rehabilitation Corporation	Planning, Property and Development	162,000	162,000	162,000	162,000
Winnipeg Parade Committee - Santa Claus Parade	City Clerks	18,000	18,000	18,000	18,000
Winnipeg Public Library Board <sup>1</sup>	Community Services	71,384	71,384	71,384	71,384
Winnipeg Repair Education and Cycling Hub Inc. (W.R.E.N.C.H Inc.) <sup>1</sup>	Community Services	9,000	9,000	9,000	9,000
<b>Total - Annual Grants</b>		<b>18,496,606</b>	<b>17,552,856</b>	<b>17,677,856</b>	<b>17,805,856</b>

### Long Term Agreements - Operating Budget (formerly Multi-Year Agreements)

Assiniboine Park Conservancy <sup>1</sup>	Community Services	11,327,000	11,710,000	12,126,000	12,419,000
Band 40 Aboriginal Youth Scholarship	Waterworks	4,000	4,000	4,000	4,000
Centre Venture - Youth Centre of Excellence	Planning, Property and Development	241,597	241,597	241,597	241,597
Garden City Community Centre <sup>1</sup>	Community Services	358,929	358,929	358,929	358,929
Transcona East End Community Club Inc. <sup>1</sup>	Community Services	190,000	190,000	190,000	190,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Long Term Agreements - Operating Budget (formerly Multi-Year Agreements)</b>					
True North - Refund of Business Tax <sup>2</sup>	Assessment & Taxation	242,000	242,000	242,000	242,000
True North - Refund of Entertainment Funding Tax <sup>3,5</sup>	Assessment & Taxation	8,100,000	4,050,000	8,100,000	8,100,000
University of Manitoba - Research Chair in Municipal Infrastructure <sup>1</sup>	Public Works	50,000	50,000	50,000	50,000
Winnipeg Football Club - Refund of Entertainment Funding Tax <sup>3,5</sup>	Assessment & Taxation	1,115,000	557,000	1,115,000	1,115,000
Winnipeg Goldeyes - Municipal Property Tax Rebate <sup>2</sup>	Assessment & Taxation	42,000	42,980	43,980	45,000
Winnipeg Goldeyes - Refund of Entertainment Funding Tax <sup>3,5</sup>	Assessment & Taxation	325,000	162,000	325,000	325,000
Winnipeg Humane Society (WHS)	Animal Services	652,273	652,273	652,273	652,273
Winnipeg Police Museum	Police Service	18,000	18,000	18,000	18,000
<b>Total - Long Term Agreements</b>		<b>22,665,799</b>	<b>18,278,779</b>	<b>23,466,779</b>	<b>23,760,799</b>
<b>Other Programs - Operating Budget</b>					
Affordable Housing Program	Planning, Property and Development	-	2,000,000	-	-
Civic Initiatives, Promotional and Protocol	Mayor's Office	393,800	390,800	383,800	477,010
Community Committee Grants - Human Rights Committee	City Clerks	3,000	3,000	3,000	3,000
Community Committee Grants - Committee for Safety	City Clerks	6,000	6,000	6,000	6,000
Winnipeg Wellness Grant Program	Council		600,000		
Estimated grants in support of cat spay and neuter programs	Animal Services	145,057	145,057	145,057	145,057
Graffiti Control Partner Funding Allocation - various organizations <sup>1</sup>	Public Works	210,000	210,000	210,000	210,000
Green Action Centre Commuter Challenge - Transit Community Events Support	Transit	9,000	9,000	9,000	9,000
Local Grants (Per Capita Grants)	City Clerks	150,733	150,733	150,733	150,733

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Other Programs - Operating Budget</b>					
Minimal Municipal Services	Assessment & Taxation	295,000	295,000	295,000	295,000
Province of Manitoba (Off The Wall Program) - Graffiti Control <sup>1</sup>	Public Works	10,000	10,000	10,000	10,000
Winnipeg COVID-19 Economic Support Program	Corporate Accounts	-	3,000,000	-	-
Winnipeg Soccer Federation	Planning, Property and Development	6,300	6,300	6,300	6,300
<b>Total - Other Grants</b>		<b>1,228,890</b>	<b>6,825,890</b>	<b>1,218,890</b>	<b>1,312,100</b>
<b>Value in Kind Grants</b>					
Winnipeg Aboriginal Sport Achievement Centre (W.A.S.A.C.) <sup>1</sup>	Community Services	144,246	144,246	144,246	144,246
Canada Day (The Forks)	Public Works	1,800	1,800	1,800	1,800
Festival du Voyageur	Public Works	18,000	18,000	18,000	18,000
Fringe Festival - Delivery and pick-up of garbage bins, fencing, etc.	Public Works	3,150	3,150	3,150	3,150
Fringe Festival - Temporary street closures	Public Works	8,100	8,100	8,100	8,100
Jazz Winnipeg	Public Works	6,300	6,300	6,300	6,300
National Film Institute	Public Works	900	900	900	900
Santa Claus Parade	Public Works	7,200	7,200	7,200	7,200
Temporary Street Closures for Entertainment Purposes	Public Works	90,260	90,260	90,260	90,260
Various Events	Public Works	373	373	373	373
Various	Public Works	13,500	13,500	13,500	13,500
Winnipeg International Children's Festival	Public Works	1,800	1,800	1,800	1,800
Parking Pass Grants	Parking Authority	234,000	130,000		
Various Special Events in Kind	Parking Authority	27,000	15,000		
Bus Charter	Transit	15,300	15,300	15,300	15,300
Bus is Better - Downtown Biz	Transit	4,860	4,860	4,860	4,860
Commuter Challenge - Green Action Centre	Transit	11,920	11,920	11,920	11,920
Fare Product	Transit	4,500	4,500	4,500	4,500
<b>Total - Value in Kind Grants</b>		<b>593,209</b>	<b>477,209</b>	<b>332,209</b>	<b>332,209</b>
<b>Capital Grants</b>					
Pedestrian Cycling Program Grants	Public Works	175,000	160,000	160,000	160,000
Bicycle Parking Partnership Grants	Public Works	42,000	30,000	30,000	30,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Capital Grants</b>					
Community Centre Renovation Grant Program	Community Services	2,000,000	2,000,000	2,000,000	2,000,000
Community Incentive Grant Program	Community Services	1,000,000	1,000,000	1,000,000	
Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability	Community Services	4,600,000	5,100,000	5,400,000	5,400,000
Business Improvement Zones, Image Routes and Neighbourhood Main Streets	Planning, Property and Development	352,000		126,000	
Trees Winnipeg Urban Forest Enhancement Program	Public Works	140,000			
Winnipeg Arts Council - Public Art Strategy	Planning, Property and Development	325,000	125,000	125,000	125,000
<b>Total - Capital Grants</b>		<b>8,634,000</b>	<b>8,415,000</b>	<b>8,841,000</b>	<b>7,715,000</b>
<b>Grants from Reserves</b>					
Building External Lighting Program	Assessment & Taxation	300,000			
Safewalk Program - Biz programs	Assessment & Taxation	375,000			
Economic Development Winnipeg <sup>1,5</sup>	Assessment & Taxation	3,465,000	2,000,000	3,500,000	3,535,000
Economic Development Winnipeg - Special Event Marketing Fund <sup>1,5</sup>	Assessment & Taxation	1,140,084		1,164,711	1,190,547
Winnipeg Convention Centre <sup>1</sup>	Assessment & Taxation	1,500,000	1,500,000	1,500,000	1,500,000
Winnipeg Convention Centre - fire stopping, fire damping & washroom improvements <sup>1</sup>	Assessment & Taxation	2,769,904			
Winnipeg Convention Centre - payment to pay down city commitment of \$8 million <sup>1</sup>	Assessment & Taxation	1,000,000	1,000,000	1,000,000	1,000,000
Community Safety and Crime Prevention program	Assessment & Taxation	100,000	100,000	100,000	
Gail Parvin Hammerquist - Centre Venture	Planning, Property and Development	470,964	397,113	965,784	332,160
Gail Parvin Hammerquist - City-Wide Program	Planning, Property and Development		333,123	175,000	175,000
Heritage Conservation Grant Program By Law 2018/63	Planning, Property and Development	200,116	213,793	213,793	213,793
Housing Demolition, Minimum Home Repair & Indigenous Housing Programs	Planning, Property and Development	1,000,000	1,000,000	1,000,000	1,000,000

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Grants from Reserves</b>					
Rapid Housing Initiative Program	Planning, Property and Development		12,497,022		
Economic Development Grants	Planning, Property and Development	2,211,583	1,801,645	2,505,305	2,893,822
Neighbourhood/Downtown Multiple-Family Mixed use Building Grant Program	Planning, Property and Development	1,056,362	701,218	431,202	321,528
Downtown Residential Development Grant (DRDG) Program	Planning, Property and Development	1,734,591	1,734,591	1,734,591	1,734,591
DRDG - 320 Colony	Planning, Property and Development	85,657	83,638	83,638	83,638
Live Downtown - Rental Development Grant Program	Planning, Property and Development	238,677	369,763	436,555	1,988,709
<b>Total - Grants from Reserves</b>		<b>17,647,938</b>	<b>23,731,906</b>	<b>14,810,579</b>	<b>15,968,788</b>
<b>Total Grants</b>		<b>69,266,442</b>	<b>75,281,640</b>	<b>66,347,313</b>	<b>66,894,752</b>

The listing of grants/payments includes grants in the operating capital, and reserves budgets. The operating grants/payments are separated into four categories (annual, long-term agreements, other programs and value in kind).

The City can enter into three year grant agreements with grant recipients with a provision that grants for years following 2021 are subject to annual budget approval.

**Notes:**

1. Includes Community Partnerships.
2. Grant is recorded as an offset to the Property Tax and Business Tax Revenue.
3. Grant is recorded as an offset to the Refundable Entertainment Funding Tax Revenue.
4. 2020 budgets have been restated. The 24/7 Safe Spaces program was previously included in the 'Other Programs - Operating Budget' category and has now been moved to the 'Annual Grants - Operating Budget'. Recipients of this funding were approved by Council on September 30, 2020.
5. 2021 grant budget reduced due to the COVID-19 pandemic.

## Listing of Grants/Payments

Organization	Department	2020 Adopted Budget <sup>4</sup>	2021 Adopted Budget	2022 Projection	2023 Projection
<b>Indigenous Youth Strategy - Operating Budget</b>					
Indigenous Leadership Development Institute - Indigenous Construction Technology Program	Chief Administrative Office	99,370	99,370	99,370	99,370
Assembly of Manitoba Chiefs - Eagle's Nest Youth Centre	Chief Administrative Office	146,500	146,500	146,500	146,500
Boys and Girls Club - Youth Recreation Activity Worker Program	Chief Administrative Office	20,000	20,000	20,000	20,000
Broadway Neighbourhood Centre - Just TV	Chief Administrative Office	41,380	41,380	41,380	41,380
Ka Ni Kanichihk Inc. - Honouring our Gifts	Chief Administrative Office	131,230	131,230	131,230	131,230
Ma Mawi Wi Chi Itata Centre - The Future is Yours	Chief Administrative Office	107,331	107,331	107,331	107,331
Ndinaweaganag Endaawaad Inc. - Youth Resource Centre Recreation Program	Chief Administrative Office	51,000	51,000	51,000	51,000
Spence Neighbourhood Association - First Jobs 4 Youth Project	Chief Administrative Office	36,549	36,549	36,549	36,549
Resource Assistance for Youth - Growing Opportunities	Chief Administrative Office	82,745	82,745	82,745	82,745
Inner City Work Study Program (University of Winnipeg) (Formerly: youthunited@winnipeg (University of Winnipeg))	Chief Administrative Office	150,000	150,000	150,000	150,000
Oshki Anishinabe Nigaaniwak coordinator salaries and benefits (Internal City of Winnipeg Projects) (Formerly: Indigenous Youth Strategy - Internal City of Winnipeg Projects)	Chief Administrative Office	83,895	83,895	83,895	83,895
Infrastructure training/apprenticeship program*	Chief Administrative Office	175,000	74,763	70,413	67,126
Trades coordinator salaries and benefits (Infrastructure training apprenticeship program)*	Chief Administrative Office		100,237	104,587	107,874
<b>Total Indigenous Youth Strategy</b>		<b>1,125,000</b>	<b>1,125,000</b>	<b>1,125,000</b>	<b>1,125,000</b>

\* Infrastructure training/apprenticeship program (cash and in-kind services) – the City of Winnipeg 1/3 share of up to \$175,000 in the program is subject to 1/3 funding from the Province and 1/3 funding from the private sector.



## Major Capital Projects

On October 28, 2015, Council concurred in the recommendation of the Executive Policy Committee and adopted the following:

- That an adjustment to the dollar value for the definition of a Major Capital Project for reporting to the Standing Policy Committee on Finance be approved from \$10 million to \$20 million to reflect construction inflation since Council originally adopted the policy in 1999.
- That the threshold for Major Capital Project reporting to the Standing Policy Committee on Finance be automatically revised annually for construction inflation and disclosed in the Annual Capital Budget put forward to Council for adoption.
- That the adjusted dollar value for reporting to Standing Policy Committee on Finance be applied on a prospective basis. Projects currently reporting that are under the revised threshold will continue reporting until the project is completed.

<b>Year</b>	<b>Threshold (in millions)</b>	<b>Construction Inflation*</b>	<b>Revised Threshold after Inflation (in millions)</b>
2018	\$22.7	3%	\$23.4
2019	\$23.4	3%	\$24.1
2020	\$24.1	3%	\$24.8

\*Forecasted construction inflation is used to prepare the threshold for the following year.

Thus, for 2021, projects \$24 million or greater are required to form a Major Capital Projects Advisory Committee within 180 calendar days of project authorization and begin reporting financial status to the Standing Policy Committee (SPC) on Finance. Reporting is to be done on a quarterly basis, unless otherwise directed by SPC Finance, until the project is complete. The SPC Finance Committee may, at its discretion, request projects below this threshold to report to the Committee.

Listing of Major Capital Projects previously approved and active for 2021:

- 1) North End Sewage Treatment Plant (NEWPCC) Biological Nutrient Removal Upgrade
- 2) South End Sewage Treatment Plant (SEWPCC) Upgrading and Expansion
- 3) Southwest Rapid Transitway (Stage 2) / Pembina Highway Underpass
- 4) Water Supervisory Control and Data Acquisition (SCADA) Upgrade and Expansion
- 5) North District Police Station (NDPS) & Archival and Exhibit Building



## City of Winnipeg Cost Estimate Classification\*

Cost Estimate Class	Project Definition	Project Definition/ Design % Complete	Accuracy of Cost Estimate
Class 5	Concept Screening, Rough Order of Magnitude Estimate	~1%	-50% to +100%
Class 4	Feasibility	~10%	-30% to +60%
<b>Class 3</b>	<b>Preliminary Design (for Budget Authorization)</b>	<b>~30%</b>	<b>-20% to +30%</b>
Class 2	Detailed Design in progress	~60%	-15% to +20%
Class 1	Detailed Design Documentation Complete, Pre-Tender Estimate	~99%	-10% to +15%
Scalable	Project/Program scope can be adjusted to fit the Budget	N/A	N/A

### Cost Estimate Class Descriptions

- Class 5      Rough estimate prepared based on very limited information. Used to make an assessment of initial viability and for long range capital planning.
- Class 4      Estimates prepared based on limited information with some engineering work completed and preliminary scope determination.
- Class 3      Estimates based on completed preliminary design documentation. This Class 3 estimate will form the basis for budget authorization and set initial control estimate against which project deliverables will be measured (i.e. on budget).**
- Class 2      Estimates prepared in progressive detail from a Class 3 and are used to establish a contract value against which decisions can be made to revise the scope of the project and manage risk at a specific milestone in the design development.
- Class 1      Pre-tender estimates prepared based on completed detailed design documentation (i.e. drawings, plans, specifications, etc.) as well as complete project delivery plans.
- Scalable      Scalable projects/programs will be sized according to the final budget authorization.

\* Determined using AACE International, Recommended Practices 17R-97, 18R-97, 56R-08, 97R-18 & 98R-18



## Public Private Partnership Payments as a Percentage of Cash to Capital / Gas Tax

<b>(In thousands of dollars)</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
<b>Tax Supported Public Private Partnership Payments:</b>							
1 Charleswood Bridge	\$ 1,417	\$ 1,478	\$ 1,478	\$ 1,478	\$ 1,478		
2 Disraeli Bridge and Overpass Facility	11,525	13,170	13,225	13,325	13,337	13,395	13,455
3 Chief Peguis Trail - Henderson to Lagimodiere	5,718	7,337	7,382	7,429	7,476	7,525	7,575
4 East District Police Station	1,056	1,056	1,056	1,089	1,155	1,155	1,155
<b>Total Public Private Partnership Payments</b>	<b>\$ 19,716</b>	<b>\$ 23,041</b>	<b>\$ 23,141</b>	<b>\$ 23,321</b>	<b>\$ 23,446</b>	<b>\$ 22,075</b>	<b>\$ 22,185</b>
<b>Financing Sources:</b>							
1 Cash to Capital	\$ 22,846	\$ 5,688	\$ 10,591	\$ 2,567	\$ 20,000	\$ 20,000	\$ 20,620
2 Federal Gas Tax	53,716	51,631	48,488	51,915	49,940	48,420	48,432
<b>Total Financing Sources</b>	<b>\$ 76,562</b>	<b>\$ 57,319</b>	<b>\$ 59,079</b>	<b>\$ 54,482</b>	<b>\$ 69,940</b>	<b>\$ 68,420</b>	<b>\$ 69,052</b>
<b>Payments as a Percentage of Cash to Capital and Gas Tax</b>	<b>25.75%</b>	<b>40.20%</b>	<b>39.17%</b>	<b>42.80%</b>	<b>33.52%</b>	<b>32.26%</b>	<b>32.13%</b>

## Notes:

- Public Private Partnership Payments include annual service/financing payments and debt servicing payments.
- On December 15, 2009, Council directed 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.
- On December 16, 2020, Council amended the P3 Policy to: If the funding of annual lease/service payments and debt servicing costs for tax supported public private partnerships exceeds 30% of cash to capital contribution and federal gas tax, no additional tax supported public private partnerships be entered into until funding of annual lease/service payments and debt servicing costs for tax supported public private partnerships is reduced to a level below 30% of cash to capital contribution and federal gas tax.
- The "Southwest Rapid Transitway (Stage 2) and Pembina Highway Underpass" capital project was approved by Council on June 25, 2014. As this is a Utility and Other project, it does not impact this Public Private Partnership Payments calculation.



## Transfers from Other Capital Accounts / Surplus Capital

Source (From)	(\$000's)	Capital Project (To)	2021	2022	2023	2024	2025
			(\$000's)				
<b>TAX SUPPORTED, TRANSIT AND MUNICIPAL ACCOMMODATIONS</b>							
<u>Public Works</u>							
Regional and Local Street Renewal - Prior Year Surplus	1,250	Regional and Local Street Renewal	1,250				
<u>Community Services</u>							
2019 Library Facility Redevelopment - West Kildonan Library and GoLibrary - Old Kildonan Community	242	Library Facility Safety, Security and Accessibility Improvements Program				200	
2019 Grant Park Recreation Campus	1,546	Library Refurbishment & Interior Infrastructure Program					351
		Recreational Facility Safety, Security and Accessibility Improvements Program	112	130			171
		Fitness Equipment Upgrade Program			132		65
		Assiniboine Park Conservancy (APC) - Infrastructure and Sustainability			317		310
	1,788						
<u>Innovation, Transformation and Technology</u>							
2015 - 2018 Enterprise Content Management	1,522	Enterprise Computing Initiatives		2,290			281
2016 - 2019 Enterprise Computing Initiatives	937	Communications Network Infrastructure	46	998			405 461
2019 Tait Radio Replacement	1,602	Information Security Initiatives		140	40		640 776
2018 - 2019 Innovation Strategy	1,382	Microsoft Office License Evergreen		113			469
2017 - 2019 PeopleSoft Enhancements	984	Microsoft Development Network Software Renewal		282			253
2019 E-mail Archiving	453	Geographic Information System Aerial Imagery Renewal Program					187
2019 Information Security	340						
2019 CSB Facilities	161						
	7,381						
<u>Municipal Accommodations</u>							
2017 Historic Buildings	187	Health/Life Safety/Emergency Systems Refurbishment/City-wide Accessibility	413				
2014 Indoor Aquatic Facilities	45						
2017 Indoor Aquatic Facilities	181						
	413						
<b>Sub-total Tax Supported, Transit and Municipal Accommodations</b>			<b>1,821</b>	<b>3,953</b>	<b>489</b>	<b>2,892</b>	<b>1,677</b>
<b>WATER AND WASTE UTILITIES</b>							
<u>Sewage Disposal System</u>							
2016 D'Arcy Lift Station Load Shedding Upgrade	400	D'Arcy Lift Station Load Shedding Upgrade	400				
<u>Waterworks System</u>							
2018 Pumping Stations and Reservoirs Structural Upgrades	400	Pumping Stations and Reservoirs Structural Upgrades	400				
<b>Total Water and Waste Utilities</b>			<b>\$ 800</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total City Surplus Capital</b>			<b>\$ 2,621</b>	<b>\$ 3,953</b>	<b>\$ 489</b>	<b>\$ 2,892</b>	<b>\$ 1,677</b>



## Asset Management and Capital Recoveries

### Asset and Project Management Recoveries

Departments	2020 Adopted Budget	2021 Adopted Budget	Budget Variance	2020 Adopted Budget FTEs	2021 Adopted Budget FTEs	FTE Variance
Chief Administrative Office	422,518	429,722	7,204	3.00	3.00	-
Community Services	460,365	472,811	12,446	3.00	3.00	-
Corporate Finance	111,594	114,769	3,175	1.00	1.00	-
Fire Paramedic Services	144,316	144,316	-	1.00	1.00	-
Innovation, Transformation and Technology	499,832	507,122	7,290	4.00	4.00	-
Planning, Property & Development (including Municipal Accommodations)	717,071	745,423	28,352	6.00	6.00	-
Public Works	1,434,144	1,434,144	-	8.00	8.00	-
<b>TOTAL</b>	<b>\$ 3,789,840</b>	<b>\$ 3,848,307</b>	<b>\$ 58,467</b>	<b>26.00</b>	<b>26.00</b>	<b>-</b>

### Other Capital Fund Recoveries

Departments	2020 Adopted Budget	2021 Adopted Budget	Budget Variance	2020 Adopted Budget FTEs	2021 Adopted Budget FTEs	FTE Variance
Community Services	77,345	78,306	961	1.00	1.00	-
Fire Paramedic Services	-	-	-	-	-	-
Legal Services	146,291	148,356	2,065	1.00	1.00	-
Planning, Property & Development (Municipal Accommodations)	135,945	135,945	-	1.64	1.64	-
Public Works	2,769,374	2,769,374	-	19.00	19.00	-
Transit	173,035	176,613	3,578	1.00	1.00	-
Water and Waste	1,882,451	2,059,928	177,477	5.00	5.00	-
<b>TOTAL</b>	<b>\$ 5,184,441</b>	<b>\$ 5,368,522</b>	<b>\$ 184,081</b>	<b>28.64</b>	<b>28.64</b>	<b>-</b>

<b>TOTAL</b>	<b>\$ 8,974,281</b>	<b>\$ 9,216,829</b>	<b>\$ 242,548</b>	<b>54.64</b>	<b>54.64</b>	<b>-</b>
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#### Notes:

- ① Asset and Project Management Recoveries include Project Management Office (PMO) positions to date as part of the Asset Management initiative.
- ② Budget includes salary and non-salary amounts.
- ③ Other Capital Fund Recoveries include administration for Community Incentive Grant Program (CIGP), Legal Services large scale projects, in-house engineering, etc.
- ④ Temporary positions authorized in capital projects or programs in 2021 and prior that may have an impact on 2021 operations total \$8.064 million, 96.5 FTEs. In comparison, 2020 and prior that may have had an impact on 2020 operations total \$9.446 million, 99.5 FTEs.

Total 2021 & Prior		
	FTEs	(\$000s)
Tax Supported	65.0	\$ 4,844
Utilities	31.5	3,220
<b>Total City</b>	<b>96.5</b>	<b>\$ 8,064</b>

## Asset Management and Capital Recoveries

### Asset and Project Management Recoveries

Departments	2022 Projection	2023 Projection	2022 Projection FTEs	2023 Projection FTEs
Chief Administrative Office	438,709	446,543	3.00	3.00
Community Services	485,919	499,560	3.00	3.00
Corporate Finance	119,640	122,173	1.00	1.00
Fire Paramedic Services	144,316	144,316	1.00	1.00
Innovation, Transformation and Technology	516,499	526,124	4.00	4.00
Planning, Property & Development (including Municipal Accommodations)	765,388	784,370	6.00	6.00
Public Works	1,434,144	1,434,144	8.00	8.00
<b>TOTAL</b>	<b>\$ 3,904,615</b>	<b>\$ 3,957,230</b>	<b>26.00</b>	<b>26.00</b>

### Other Capital Fund Recoveries

Departments	2022 Projection	2023 Projection	2022 Projection FTEs	2023 Projection FTEs
Community Services	79,945	-	1.00	-
Fire Paramedic Services	-	-	-	-
Legal Services	151,019	153,750	1.00	1.00
Planning, Property & Development (Municipal Accommodations)	135,945	135,945	1.64	1.64
Public Works	2,769,374	2,769,374	19.00	19.00
Transit	180,357	184,020	1.00	1.00
Water and Waste	1,947,343	1,963,506	5.00	4.00
<b>TOTAL</b>	<b>\$ 5,263,983</b>	<b>\$ 5,206,595</b>	<b>28.64</b>	<b>26.64</b>

<b>TOTAL</b>	<b>\$ 9,168,598</b>	<b>\$ 9,163,825</b>	<b>54.64</b>	<b>52.64</b>
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