



2022 Budget Update

2020 – 2023 Multi-Year Budget Public Works Department & Street Lighting

Photo: Tyler Walsh, courtesy Tourism Winnipeg

Standing Policy Committee on Infrastructure Renewal and Public Works

December 4, 2021



Agenda

1. Service Description, Objectives and Performance Measurement
2. Budget Overview and Highlights
3. Public Works Department - Operating Budget
 - Changes
 - FTEs / Salaries and Benefits
 - Reserve Summary
 - Referrals
4. Public Works Department - Capital Budget
 - Summary
 - Key Projects
 - Changes
 - Referrals
5. Street Lighting – Operating Budget
 - Overview
 - Changes
6. Questions





What We Do

Services Provided

Services	Description
City Beautification	Provide Winnipeggers and visitors with flower gardens, streetscaping, cleanliness, graffiti control and public art in order to promote the aesthetic appeal of the City of Winnipeg.
Roadway Construction and Maintenance	Provide Winnipeggers and visitors with access to well-maintained roadways, sidewalks, pathways and bridges in order to ensure the safe, efficient movement of people, goods and services.
Roadway Snow Removal and Ice Control	Undertake effective roadway snow and ice control services in order to provide safe and accessible conditions on city streets and sidewalks during the winter season.
Transportation Planning and Traffic Management	Plan, design and manage the transportation system and the traffic regulatory environment to provide a safe, environmentally-aware, accessible and sustainable transportation system.



How We Did - Performance Measurements

Our Winnipeg:



Leadership and
Good Governance



Environmental
Resilience (ER)



Economic
Prosperity



Good Health and
Well-Being (HW)



Social Equity



City Building

Performance Reporting

OurWinnipeg Goals:	Service	Service Goal / Measure Description	2017	2018	2019	2020	2021 Projection
	City Beautification	Beautify the city through enhanced street sweeping and other clean and green initiatives.					
		Citizen satisfaction with City's efforts in keeping the City clean and beautiful	69%	71%	76%	73%	65%
		Cost per lane kilometre of street sweeping	\$706	\$1,140	\$985	\$830	n/a
	Roadway Construction and Maintenance	Provide quality transportation infrastructure by ensuring the road, sidewalk and pathway networks are in 'good' condition and are 'fit for purpose'.					
		Citizen satisfaction with the condition of major streets	48%	56%	59%	58%	61%
		Citizen satisfaction with the condition of residential streets in neighbourhood	49%	52%	55%	54%	50%
	Roadway Snow Removal and Ice Control	Provide safe and accessible transportation infrastructure in winter by delivering efficient and effective snow and ice control services.					
		Citizen satisfaction with snow removal	73%	70%	76%	77%	74%
		Total costs for winter maintenance of roadways per lane-kilometre maintained in winter	\$4,905	\$5,159	\$6,657	\$6,546	n/a
	Transportation Planning & Traffic Management	Support the provision of a reliable and predictable transportation network by ensuring travel times are predictable and traffic flows are smooth.					
		Citizen satisfaction with the management of rush hour traffic flow	0%	54%	55%	60%	63%
		Average time to repair signalized intersections (hours)	5.8	5.1	6.7	5.6	n/a

How We Did

Performance Measurements

*Volume 2 Pilot



City Beautification

Description

To provide Winnipeggers and visitors with flower gardens, streetscaping, cleanliness, graffiti control and public art in order to promote the aesthetic appeal of the City of Winnipeg.

Our Winnipeg:



Leadership and Good Governance



Environmental Resilience (ER)



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Good Health and Well-Being (HW)



Social Equity



City Building

Performance Reporting

Service Goal / Measure Description	2018	2019	2020	2021 Target	2022 Target
 Maintain and enhance streetscaping on image routes and social gathering spaces through the provision of public art and floral displays.					
Flower beds (raised/fixed/in-ground - not including shrubs) m ²	24,998	25,334	26,948	26,948	26,948
Number of public art projects completed	11	8	6	6	6
 Beautify the city through enhanced street sweeping and other clean and green initiatives.					
Citizen satisfaction with City's efforts in keeping the City clean and beautiful	71%	76%	73%	65%	65%
Cost per lane km of street sweeping	\$ 1,140	\$ 985	\$ 830	\$ 985	\$ 985
 Ensure parks, streets and pathways are free of litter by fostering community pride and stewardship in the cleanliness of our City, educating on waste reduction, and building partnerships to enhance current litter collection efforts.					
Cost per hectare for manual litter collection	\$786	\$791	\$321	\$321	\$321
Number of garbage and recycling bins per hectare in parks	n/a	n/a	1.2	1.2	1.2
 Reduce graffiti occurrences through ongoing education and awareness while improving the level of service for graffiti removal through partnerships with volunteer community groups and maintaining a database for tracking graffiti incidents.					
Number of graffiti tags removed	20,056	20,351	22,213	20,873	20,873
Cost per graffiti removal incident	\$135	\$121	\$122	\$126	\$126

Budget Overview

Public Works Department

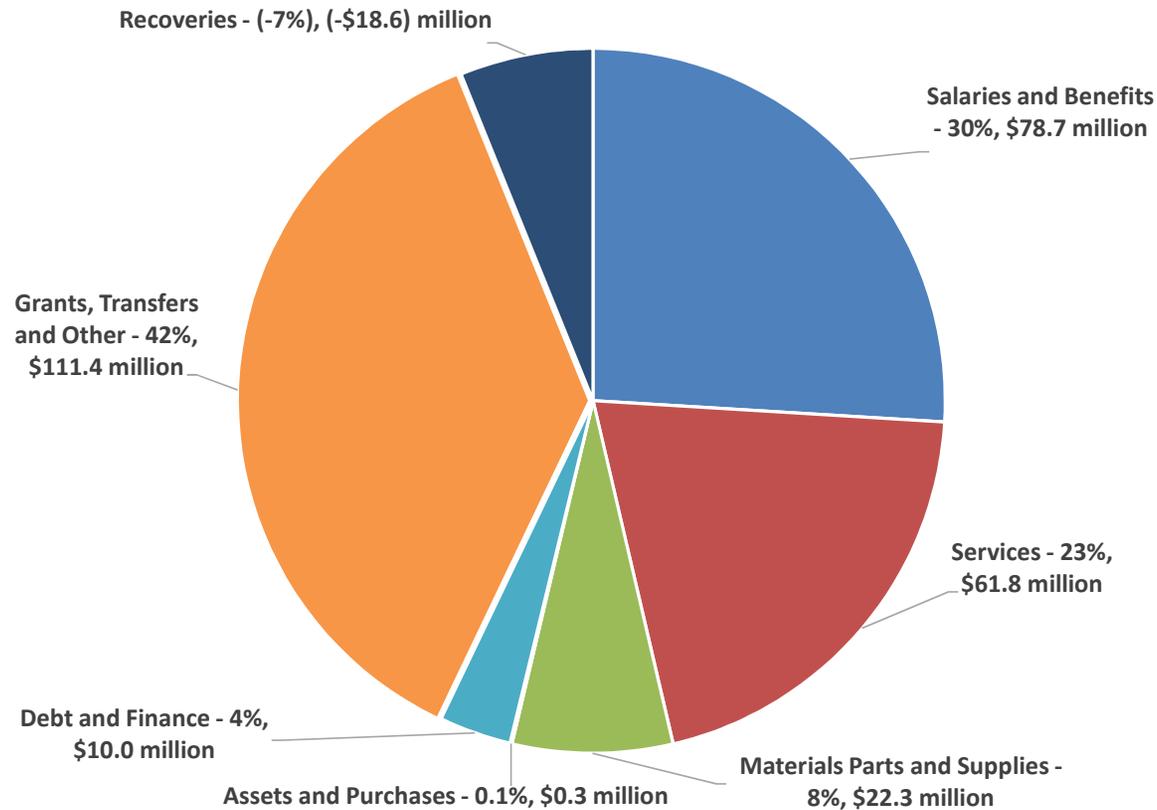
Budget Overview (Service Based View)

Preliminary 2022 Budget Update				
Service Based Budget (in millions of \$)	% Contribution to Service Based Budget	Operating Budget (Mill Rate Support)	Capital Budget	Reserves, Net Income (Revenue Less Expenditures)
Roadway Construction & Maintenance	100.0	76.6	175.9	(39.6)
Roadway Snow Removal & Ice Control	100.0	34.7		
City Beautification (1)	99.0	17.5	-	
Transportation Planning & Traffic Management (2)	99.0	29.3	5.4	
Parks and Urban Forestry and Insect Control (3)		44.0	11.8	(2.5)
Total		202.1	193.1	(42.1)
Notes:				
1. Other contributing departments include - Planning, Property & Development (1% - \$0.2).				
2. Public Works (56% - \$18.3) - Street Lighting (43% - \$13.8), Planning, Property & Development (1% - \$0.1).				
3. Parks and Urban Forestry and Insect Control reports to SPC Protection, Community Services and Parks.				

Budget Overview (Departmental View)

includes amounts under the purview of SPC Protection, Community Services & Parks

2022 Budget Expenditures = \$265.9 million



Operating Budget Highlights

Annual Tax Supported Operating Increase ¹	Average ³
2022 Preliminary Budget Submission	0.7%
Approved in the Multi-Year Budget ²	0.7%

Budget Impacts – Not Projected in MYB ⁴ , Included in Preliminary Budget	
Transfer to the Local Street Renewal Reserve maintained at the same amount as 2021	Transfer to Regional Street Renewal Reserve maintained at the same amount as 2021
Transfer of Operator Training branch to Human Resource Services	Increased transfer from Insect Control Reserve in 2022
Increased investment in tree canopy – 2022 and 2023	Reduced aircraft hire – Insect Control - 2022

Notes:

1. Adopted Multi-Year Budget (MYB) 2020 Budget and 2021 to 2023 Projections - March 20, 2020
2. Based on expenditures before capital related expenditures
3. Average expenditure increase for 2020 to 2023
4. Adopted Multi-Year Budget (MYB) 2020 & 2021 Budget, 2022 to 2023 Projections – December 16, 2020

Operating Budget



Operating Budget Changes

Operating Budget (In millions \$)	MYB Criteria	2022 Preliminary Budget	2023 Projection	2022 to 2023 Total
Mill Rate Support - Council Approved Multi-Year Budget 2020 to 2023 (a)		202.6	216.6	
<i>Increase (Decrease) From Forecast:</i>				
<i>Revenue:</i>				
Transfer from Insect Control Reserve	REV/COST	2.5	-	2.5
Transfer of Operator Training branch to Human Resource Services	REV/COST	(0.4)	(0.4)	(0.8)
Miscellaneous adjustments	HOUSEKEEP	(0.2)	(0.1)	(0.3)
Revenue Net Change (b)		1.9	(0.5)	1.4
<i>Expenditures:</i>				
Increase for tree pruning, maintenance and replanting (1)	REV/COST	2.0	2.0	4.0
Decrease in planned transfer to the Regional Streets Renewal Reserve (2)	REV/COST	(6.3)	-	(6.3)
Decrease in planned transfer to the Local Streets Renewal Reserve (3)	REV/COST	(6.3)	-	(6.3)
Transfer of Operator Training branch to Human Resource Services	REV/COST	(0.9)	(0.9)	(1.8)
Convert capital projects from cash to capital to internal financing	REV/COST	(0.7)		(0.7)
Reduced aircraft hire expense - Insect Control (4)	REV/COST	(0.5)	-	(0.5)
Decrease in forecasted fleet lease related expenditures	REV/COST	(0.4)	(0.9)	(1.3)
Changes to debt and finance charges	REV/COST	-	0.9	0.9
Miscellaneous adjustments	HOUSEKEEP	(0.2)	0.1	(0.1)
Expenditures Net Change (c)		(13.3)	1.2	(12.1)
				-
Mill Rate Support - Draft Budget Submission (a+b-c)		187.4	218.3	

Operating Budget Changes - continued

<i>Notes from previous slide</i>				
(1) - Parks and Urban Forestry reports to SPC Protection, Community Services and Parks.				
(2) - The transfer to the Regional Streets Renewal Reserve has remained the same as budgeted in 2021 - \$42.870.				
(3) - The transfer to the Local Streets Renewal Reserve has remained the same as budgeted in 2021 - \$47.370.				
(4) - Insect Control reports to SPC Protection, Community Services and Parks.				

Salary Budget and Full Time Equivalents (FTEs) / Vacancy Management

	2020 Adopted Budget	2021 Adopted Budget	2022 Budget Preliminary	Increase / (Decrease)	2023 Budget Projection
Full Time Equivalents <i>(number of FTEs)</i>	1,018.5	1,016.1	1,006.5	(9.6)	1,006.5
Salaries & Benefits <i>(in millions of \$)</i>	\$ 77.3	\$ 78.0	\$ 78.7	\$ 0.7	\$ 80.1
Vacancy Management included in Salaries & Benefits <i>(in millions of \$)</i>	\$ (3.8)	\$ (3.8)	\$ (3.9)	\$ (0.1)	\$ (3.9)

Notes:

1. FTE decrease in 2022 is mainly due to the transfer of the Operator Training branch to Human Resource Services.
2. Vacancy Management included above is 67.5 FTE's.

Reserve Summary

in thousands

Reserve Name (2)	2022				2023	
	Beginning Balance	Revenue	Expense	Net (Revenue less Expenses)	Forecasted Ending Balance	
1. Canada Community-Building Fund Reserve (1)	52,920	46,480	85,951	(39,471)	13,449	3,541
2. Regional Street Renewal Reserve	347	42,871	42,921	(50)	297	247
3. Local Street Renewal Reserve	684	47,371	47,483	(112)	572	460
4. Snow Clearing Reserve	-	-	-	-	-	-
Total Reserves	53,951	136,722	176,355	(39,633)	14,318	4,248

(1) - formerly Federal Gas Tax Reserve

(2) - Insect Control Reserve - not included as reserve Reports to SPC - Protection, Community Services & Parks

Operating Budget Referrals

Public Works						
2022 - 2023 Operating Budget Referrals						
Description		2022		2023		Budget Status
Referrals to the Budget Process		FTEs	\$	FTEs	\$	
1	Garbage and Recycling Receptacles in City Parks, Greenspaces, and Active Transportation Paths - IRPW September 15, 2021		237,500		-	x
2	Increases in the Fine for Parking or Stopping in a Snow Clearing Zone - Council Oct 28, 2021 (1)		(42,361)		(42,361)	✓
Total Referrals to Date		-	195,139	-	(42,361)	
(1) - Fine revenues are recognized in the Parking SOA, therefore revenue changes do not impact the Public Works operating budget.						

Capital Budget





Capital Summary – By Service

Service (\$000's)	2021 Adopted Budget	2022 Preliminary	2023 - 2027 Forecast	6-year Total
City Beautification	-	-	-	-
Roadway Construction & Maintenance	157,781.0	175,863.0	823,464.0	999,327.0
Roadway Snow Removal & Ice Control	-	-	478.0	478.0
Transportation Planning & Traffic Management	5,225.0	5,430.0	26,599.0	32,029.0
Total Preliminary Capital	163,006.0	181,293.0	850,541.0	1,031,834.0



St. Vital Bridge

Key Projects in the Capital Budget

Project Name	Budget Year (s)	Amount (\$000's)	Benefits to the Community
Regional & Local Street Renewal Program	2022-2027	\$872,872.0	Provide resilient transportation infrastructure by ensuring the road, sidewalk and pathway networks are in 'good' condition, are 'fit for purpose', and renewed at the optimum point in their life cycle.
St. Vital Bridge Rehabilitation	2022-2024	\$ 44,874.0	Enable safe and resilient waterway crossings and grade separations by ensuring bridges and supporting infrastructure are maintained, meet all regulatory requirements and support alternative modes of transportation.
Lagimodiere Twin Overpasses Rehabilitation	2022, 2024, 2026-2027	\$ 39,742.0	Enable safe and resilient waterway crossings and grade separations by ensuring bridges and supporting infrastructure are maintained and meet all regulatory requirements.
Pedestrian & Cycling Program	2022-2027	\$ 12,914.0	Improve the safety and accessibility of the active transportation network by expanding pedestrian and cycling corridors to promote use by people of all ages and abilities.

Preliminary Budget – Listing of Capital Projects

Project Name	2022 Preliminary Budget	2023 - 2027 Forecast	6-Year Total
Pedestrian and Cycling Program	\$ 2,470.0	\$ 10,444.0	\$ 12,914.0
Portable Traffic Study Equipment	-	162.0	162.0
Transportation Master Plan	250.0	1,359.0	1,609.0
Traffic Signals Vehicle Detection Program (formerly Traffic Signals Loops)	250.0	1,250.0	1,500.0
Traffic Signals Bases Replacements (formerly Traffic Signals Bases and Underground Renewal Program)	-	4,000.0	4,000.0
Traffic Engineering Improvements - Various Locations	2,460.0	8,534.0	10,994.0
Upgrade Noise Policies and Equipment Study	-	100.0	100.0
Inner-Ring Road - Functional Design	-	750.0	750.0
Salt and Sand Storage Shed	-	478.0	478.0
Regional and Local Street Renewal	164,689.0	708,183.0	872,872.0
Pembina Highway Overpass (Bishop Grandin) Rehabilitation	-	20,400.0	20,400.0
Osborne Street Underpass	-	1,100.0	1,100.0
St. Vital Bridge Rehabilitation	6,074.0	38,800.0	44,874.0
Lagimodiere Twin Overpasses Rehabilitation (Concordia Avenue & CPR Keewatin)	2,000.0	37,742.0	39,742.0
Waterway Crossing and Grade Separations - Annual Program	3,000.0	16,739.0	19,739.0
Disraeli Bridge and Overpass Facility	-	-	-
Charleswood Bridge	-	-	-
Chief Peguis Trail - Henderson Highway to Lagimodiere Boulevard	-	-	-
Asset Management System - Various Divisions	100.0	500.0	600.0
Total Preliminary Budget	\$ 181,293.0	\$ 850,541.0	\$ 1,031,834.0

Capital Budget Changes

Projects (\$000's)	MYB Criteria	2022 Preliminary	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2022 to 2026 Total	2027 Forecast	6-year Total
Council Approved Forecast		177,234.0	159,993.0	155,499.0	170,170.0	176,846.0	839,742.0	-	839,742.0
Increase / (Decrease) From Forecast:									
Pedestrian and Cycling Program ¹	REV/COST	520.0	-	-	-	-	520.0	-	520.0
Transportation Master Plan (WATS) ²	REV/COST	-	-	(17.0)	846.0	-	829.0	-	829.0
Portable Traffic Study Equipment ³	REV/COST	-	-	162.0	-	-	162.0	-	162.0
Traffic Engineering Improvement Program ⁴	REV/COST	1,145.0	145.0		145.0	145.0	1,580.0	-	1,580.0
Regional & Local Street Renewal Program ^{2,5}	REV/COST	2,394.0	-	-	(846.0)	-	1,548.0	-	1,548.0
2027 Preliminary Capital Budget	REV/COST							187,453.0	187,453.0
Total Changes		4,059.0	145.0	145.0	145.0	145.0	4,639.0	187,453.0	192,092.0
PRELIMINARY CAPITAL BUDGET		181,293.0	160,138.0	155,644.0	170,315.0	176,991.0	844,381.0	187,453.0	1,031,834.0

Variance from Forecast:

- Pedestrian and Cycling Program (2022)* - Proposed reallocation of unspent funds from prior years to apply towards active transportation infrastructure.
- Transportation Master Plan (2024&2025)* - The capital investment planning process prioritized the need to conduct a Winnipeg Areas Travel Study (WATS).
- Portable Traffic Study Equipment (2024)* - The capital investment planning process prioritized the need replace traffic study equipment that is at end-of-life.
- Traffic Engineering Improvement Program (2022,2023,2025-2027)* - The capital investment planning process prioritized the need to upgrade 168 existing pedestrian corridors to meet current internal design guidelines.
- Regional and Local Street Renewal Program (2022)* - Proposed reallocation of funds from prior years and revenues from other municipalities to apply toward active transportation infrastructure components of the program (\$2.388 million).

Capital Budget Referrals

Referral Wording	SPC and Date	2022	2023	2024	2025	2026	2027
		(\$000's)					
<i>Installation of a sidewalk along the north side of Hanbury Street between Tache Avenue and the rear entrance of Ecole Precieux-Sang School, as outlined in the Administrative Report dated April 2, 2020. Amounts not included in budget.</i>	SPC IRPW - Nov 10, 2020	60.0	-	-	-	-	-
<i>Installation of a sidewalk spanning the frontage of Niakwa Place school along the west side of Pebble Beach Road, as outlined in the Administrative Report dated Sept 14, 2020. Amounts not included in budget.</i>	SPC IRPW - Dec 4, 2020	40.0	-	-	-	-	-
<i>Phase 1 of the creation of an inventory database of regulatory signage, as outlined in the Administrative Report dated March 10, 2020. Amounts not included in budget.</i>	SPC - IRPW - Jan 14, 2021	390.0	-	-	-	-	-
<i>Installation of warranted but unfunded pedestrian crossing control locations for the Traffic Engineering Improvement Program, as outlined in the Administrative Report dated Sept 15, 2021. \$1.0 million included in budget in 2022 within Traffic Engineering Improvements Program.</i>	SPC - IRPW - Sept 15, 2021	2,775.0	-	-	-	-	-
<i>That capital accounts that have yet to be closed with remaining surpluses destined to active transportation be directed to funding active transportation in the 2022 budget update. \$422,000 included in budget in 2022.</i>	Council - Oct 27, 2021	422.0	-	-	-	-	-
<i>Upgrading of existing buffered bike lanes on Pembina Highway between De Vos Road and Crescent Drive to a protected facility on the regional street, as outlined in the Administrative Report dated Nov 5, 2021. Amounts not included in budget.</i>	SPC - IRPW - Nov 5, 2021	2,700.0	-	-	-	-	-
<i>Construction of a controlled intersection at Elmhurst Road and Wilkes Avenue, as outlined in the Administrative Report dated Nov 5, 2021. Amounts not included in budget.</i>	SPC - IRPW - Nov 5, 2021	2,500.0	-	-	-	-	-

Budget Overview

Street Lighting

Budget Overview (Service Based View)

Preliminary 2022 Budget Update				
Service Based Budget (in millions of \$)	% Contribution to Service Based Budget	Operating Budget (Mill Rate Support)	Capital Budget	Reserves, Net Income (Revenue Less Expenditures)
Transportation Planning & Traffic Management (1)	99.0	29.3	5.4	-
Total		29.3	5.4	-
Notes:				
1.Public Works (56% - \$18.3) - Street Lighting (43% - \$13.8), Planning, Property & Development (1% - \$0.1).				

Operating Budget Changes

Operating Budget (In millions \$)	MYB Criteria	2022 Preliminary Budget	2023 Projection	2022 to 2023 Total
Mill Rate Support - Council Approved Multi-Year Budget 2020 to 2023 (a)		14.0	14.6	
<i>Increase (Decrease) From Forecast:</i>				
<i>Revenue:</i>				
n/a		-		-
Revenue Net Change (b)		-	-	-
<i>Expenditures:</i>				
Efficiencies and other budget savings - one year reduction - approximately 1%	REV/COST	(0.2)	-	(0.2)
Expenditures Net Change (c)		(0.2)	-	(0.2)
				-
Mill Rate Support - Draft Budget Submission (a+b-c)		13.8	14.6	

