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

Standing Policy Committee: Infrastructure Renewal and Public Works

Department: Public Works
Project: 1804000121

Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2021 Estimate	FORECAST 2022	2023	2024	2025	2026	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	152,168	162,295	136,880	120,974	144,484	147,313	711,946	864,114
Financed by:									
Frontage Levy		2,329						-	2,329
Federal New Building Canada Fund (Regional)		26,000	24,000	13,000				37,000	63,000
Federal Gas Tax (Local)		6,721	11,862	1,885		4,889		18,636	25,357
Province of Manitoba Accelerated Regional Roads		29,100	29,100	9,800				38,900	68,000
Local Street Renewal Reserve		45,230	51,457	62,457	73,857	85,757	98,257	371,785	417,015
Regional Street Renewal Reserve		41,338	45,676	49,538	46,917	53,638	48,856	244,625	285,963
Prior Years Surplus		1,250						-	1,250
Future Services Account		200	200	200	200	200	200	1,000	1,200

CASH FLOW	2021	2022	2023	2024	2025	2026	Beyond 2026	Total
Project Costs ($000's)	129,344	160,775	140,693	123,359	140,958	146,888	22,097	864,114
Financed by:								
Frontage Levy	1,980	349						2,329
Federal New Building Canada Fund (Regional)	22,100	24,300	14,650	1,950				63,000
Federal Gas Tax (Local)	5,713	11,091	3,382	282	4,156	733		25,357
Province of Manitoba Accelerated Regional Roads	24,735	29,100	12,695	1,470				68,000
Local Street Renewal Reserve	38,446	50,523	60,807	72,147	83,972	96,382	14,738	417,015
Regional Street Renewal Reserve	35,137	45,025	48,959	47,310	52,630	49,573	7,329	285,963
Prior Years Surplus	1,063	187						1,250
Future Services Account	170	200	200	200	200	200	30	1,200

NET OPERATING IMPACT (000's)	2021	2022	2023	2024	2025	2026
Operating costs						
Debt and finance charges						
Transfer to General Capital Fund						
Total Direct Costs	-	-	-	-	-	-
Less: Incremental Revenue/Recovery	1,736	2,126	2,399	2,593	2,936	3,123
Net Cost/(Benefit)	(1,736)	(2,126)	(2,399)	(2,593)	(2,936)	(3,123)
Incremental Full Time Equivalent Positions	-	-	-	-	-	-

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 years Regional and Local Street Renewal Program budget.

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

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.

With the adoption of the 2020 Capital Budget, 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.

With the adoption of the 2020 Capital Budget, 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.

With the adoption of the 2021 Capital Budget, Council authorizes 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 in the recommendations for specific locations.

With the adoption of the 2021 Capital Budget, Council authorizes 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 in the 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.

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.

With the adoption of the 2020 Capital Budget, 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

With the adoption of the 2021 Capital Budget, Council authorizes 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.

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
ACCELERATED REGIONAL STREET RENEWAL (NBCF APPLICATION):							
Funding							
- 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
Sub-total Accelerated Regional Streets Renewal	**84,500**	**80,400**	**37,400**	**-**	**-**	**-**	**202,300**
Regional Reconstruction & Major Rehabilitation Works:							
Downtown Streets: Broadway - Osborne to Main Portage - Main to Memorial Donald - St Mary to Gertrude Fort NB - Graham to Broadway Hargrave NB - Portage to Ellice Hargrave NB - Broadway to York Smith NB - Notre Dame to Midtown Bridge Carlton St - Portage to Ellice	8,900	7,400	7,000				23,300
Leila Ave - McPhillips to McGregor		6,200					6,200
Day St. / Pandora Ave.: Day St - Pandora to Regent Pandora Ave E - Day to Wayoata	4,850						4,850
Dunkirk Dr - Fermor to St Mary's Rd	6,200						6,200
Roblin Blvd - Dieppe to PTH101	4,450						4,450
Archibald Street: Archibald St - St Catherine to Cottonwood Archibald St - Plinguet to Doucet	4,900	4,900					9,800
Watt St. / Munroe Ave. / Johnson Ave. West: Watt St - Chalmers to Munroe Munroe Ave - Raleigh to Henderson Johnson Ave W - Levis St to Henderson Hwy	4,850	4,900	4,000				13,750
Stafford St. / Taylor Ave. / Corydon Ave.: Stafford St - Corydon to Pembina Taylor Ave - Wilton to Pembina Corydon EB - Waterloo to Cambridge Corydon Ave - Cambridge to Stafford	8,850	7,300	4,700				20,850
Erin St. / Wall St. / Sargent Ave.: Erin St - Notre Dame to Wolever Wall St - St Matthews to Notre Dame Sargent Ave - Arlington to Erin	9,100	9,700	8,000				26,800
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

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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
Regional Mill and Fill / Overlay Preservation Works:							
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
Total Accelerated Regional Street Renewal Program	**84,500**	**80,400**	**37,400**	**-**	**-**	**-**	**202,300**

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
NON-ACCELERATED REGIONAL STREET RENEWAL:							
Funding							
- Regional Street Renewal Reserve	11,938	18,376	34,938	46,917	53,638	48,856	214,663
Total Non-accelerated Regional Street Renewal	**11,938**	**18,376**	**34,938**	**46,917**	**53,638**	**48,856**	**214,663**
Regional Reconstruction & Major Rehabilitation Works:							
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 Stradbrook 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
Regional Accessibility Improvements:							
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
Downtown Streets:							
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
Regional Provisional Maintenance:							
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
Total Non-accelerated Regional Street Renewal Program	**11,938**	**18,376**	**34,938**	**46,917**	**53,638**	**48,856**	**214,663**
Total Accelerated and Non-accelerated Regional Street Renewal Program	**96,438**	**98,776**	**72,338**	**46,917**	**53,638**	**48,856**	**416,963**

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
Funding							
- 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
Total Local Street Renewal Program	**55,730**	**63,519**	**64,542**	**74,057**	**90,846**	**98,457**	**447,151**
Wellington Crescent - Riverbank Stabilization (jointly funded with the Property, Planning and Development (PPD) and Water and Waste Departments)	2,100						2,100
Industrial Streets:							
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			*				-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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			*				-
Sub-total Industrial Street Renewals & Various locations to be identified.	11,850	14,664	15,890	15,000	15,000	15,000	87,404
Parks Streets		2,340	210	800	800	800	4,950
Residential Streets:							-
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 - McIvor 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	*						-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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		*					-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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			*				-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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			*				-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
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			*				-
Sub-total Residential Street Renewals & Various locations to be identified.	30,156	34,196	37,009	47,157	47,157	71,557	284,021
Local Thin Bituminous Overlay (TBO)							-
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	*						-
Margaret Av - Southall Dr to Salter St	*						-
Pentland St - McIvor Av to Gilmore Av	*						-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
Uxbridge Rd N - Bonner Av to S End	*						-
Daman St - Emerson Av to Knowles Av	*						-
Dundoon St - Glenway Av to Knowles Av	*						-
Mitchelson Wy - Eagle Lake Cv 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	*						-
Bannatyne Av W - Weston St to W Limit	*						-
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	*						-
Vermillion Rd - Grover Hills to Beaverhill Bv	*						-
Leeward Pl - Desjardins Dr to Myles Robinson Wy	*						-
Isbister St - Risbey Cr to Lumsden Av	*						-
Parkview St - Silver Av to Portage Av	*						-
Highgate Cr - Alburg Dr to Longford Av	*						-
Kennington By - Novavista Dr to Novavista Dr	*						-
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 Baisinger Dr	*						-
Youville St - Guay Av to Haig Av	*						-
Grassington By - Whitley Dr to Whitley Dr	*						-
Glenthorne Cr - Greendell Av to Greendell Av	*						-
Kerwell Pl - Beckinsale By to Novavista Dr	*						-
Scotsborough Pl - Beckinsale By to Novavista Dr	*						-
Fermor Av S - St David Rd to St Elmo Rd	*						-
Morning Glory Cr - Royal Mint Dr E Leg to Royal Mint Dr W Leg	*						-
Woodside Cr - Kildonan Meadow Dr to Kildonan Meadow Dr	*						-
Binscarth St - Corliss Cr to Binscarth St	*						-
Craglea Corner - Alex Taylor Dr to Northcliffe Dr	*						-
Binscarth St - Kildare Av E to McMeans Av E	*						-
Pandora Av W - 816 Pandora St to Robson St	*						-
Meadowbank Rd - Marygrove Cr to Columbia Dr	*						-
Marygrove Cr - Columbia Dr to Columbia Dr	*						-

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2021	2022	2023	2024	2025	2026	Six-Year Total
Leamington Gt - Burlington Wy to Columbia Dr	*						-
Scurfield Bv - 1328 Scurfield Bv to Portwood Rd	*						-
Glenacres Cr - Millstream Wy to Millstream Wy	*						-
Sub-total Local Thin Butimunous Overlay	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Granular Roadway Improvements:							
- 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
Sub-total Granular Roadway Improvements	1,950	1,950	1,950	1,950	1,950	1,950	11,700
Lane (Alley) Renewals:							
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			*				-
Sub-total Lane (Alley) Renewals & various locations to be identified	2,674	3,069	2,783	2,750	2,750	2,750	16,776
Lanes, Sidewalks and Active Transportation Renewals							
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
Sub-total Lanes, Sidewalks and Active Transportation Renewals	1,700	2,300	1,700	1,400	1,400	1,400	9,900
Speed Limit Review Trial as per Council Report July 23, 2020	300						300
Total Local Street Renewal Program	**55,730**	**63,519**	**64,542**	**74,057**	**90,846**	**98,457**	**447,151**
TOTAL REGIONAL & LOCAL STREET RENEWAL PROGRAM	**152,168**	**162,295**	**136,880**	**120,974**	**144,484**	**147,313**	**864,114**

* Amounts to be determined