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

Standing Policy Committee: Infrastructure Renewal and Public Works

Department: Public Works
Project: 1804000119

Service: Roadway Construction and Maintenance
OurWinnipeg: Sustainability

AUTHORIZATION	Previous Budgets	2019 Estimate	FORECAST 2020	2021	2022	2023	2024	Five-Year Forecast Total	Six-Year Total
Project Costs ($000's)	N/A *	128,436	152,036	165,036	175,436	177,436	177,836	847,780	976,216
Financed by:									
Federal New Building Canada Fund (Regional)		12,000	25,000	26,000	24,000	13,000		88,000	100,000
Federal Gas Tax (Local)		12,000	12,000	12,000	12,000	12,000	12,000	60,000	72,000
Province of Manitoba Regional Roads **		20,000	25,000	26,000	24,000	16,000	20,000	111,000	131,000
Province of Manitoba Local Roads **		25,000	15,000	14,000	16,000	24,000	20,000	89,000	114,000
Local Street Renewal Reserve		33,898	39,698	45,698	51,898	62,898	74,298	274,490	308,388
Regional Street Renewal Reserve		29,538	35,338	41,338	47,538	49,538	51,538	225,290	254,828
Interim Financing from General Capital Fund / (Repayment)		(4,000)						-	(4,000)

CASH FLOW	2019	2020	2021	2022	2023	2024	Beyond 2024	Total
Project Costs ($000's)	115,321	148,346	163,086	173,876	177,136	177,776	20,675	976,216
Financed by:								
Federal New Building Canada Fund (Regional)	10,200	23,050	25,850	24,300	14,650	1,950		100,000
Federal Gas Tax (Local)	10,200	12,000	12,000	12,000	12,000	12,000	1,800	72,000
Province of Manitoba Regional Roads	20,000	25,000	26,000	24,000	16,000	20,000		131,000
Province of Manitoba Local Roads	25,000	15,000	14,000	16,000	24,000	20,000		114,000
Local Street Renewal Reserve	28,813	38,828	44,798	50,968	61,248	72,588	11,145	308,388
Regional Street Renewal Reserve	25,108	34,468	40,438	46,608	49,238	51,238	7,730	254,828
Interim Financing from General Capital Fund / (Repayment)	(4,000)							(4,000)

NET OPERATING IMPACT ($000's)	2019	2020	2021
Operating costs			
Debt and finance charges			
Transfer to General Capital Fund			
Total Direct Costs	-	-	-
Less: Incremental Revenue/Recovery	1,198	1,666	1,905
Net Cost/(Benefit)	(1,198)	(1,666)	(1,905)
Incremental Full Time Equivalent Positions	-	-	-

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

Projects in 2019 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 projects on-going nature.

** To be confirmed as there is uncertainty regarding provincial funding.

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.

Any new projects using surplus funds in the 2019 Regional Street Renewal Program shall be approved by the Standing Policy Committee on Infrastructure Renewal and Public Works.

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 0.30% 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 or sidewalk renewals requires approval of 2/3 of City Council.

On December 12, 2017 Council authorized a first charge of up to $2.5 million in 2018 or prior to the adoption of the 2019 Capital Budget to facilitate timely work on the Empress St / Empress St E / Westway / Eastway - St Matthews to Portage regional street renewal project.

On December 12, 2017 Council authorized a first charge of up to $7.6 million in 2018 or prior to the adoption of the 2019 Capital Budget to facilitate timely work on the Fermor Avenue - St Anne's to Archibald regional street renewal project.

On December 12, 2017 Council authorized a first charge of up to $4.8 million in 2018 or prior to the adoption of the 2019 Capital Budget to facilitate timely work on the Garry/Notre Dame - Notre Dame to Assiniboine/Portage to Princess regional street renewal project.

This project has been impacted by the allocation of federal funding from the New Building Canada Fund (NBCF). In March 2018, the City had received information indicating the federal and provincial contribution towards the Accelerated Regional Renewals Application will likely be in the order of $100 million from each over 5 years (2019 to 2023).

The result of the Province and the City's contribution along with the federal funding contribution under the NBCF would result in over $400 million to be spent in total on Regional Street Renewals over the next 5 years [(2019 to 2023 $414,290) + 2024 $71,538 = $485,828 total over 6 years].

See next pages for program details.

Local Street Renewal Program

The Local Street Renewal program includes the renewal and reconstruction of the City's local streets, sidewalks, lanes, and recreational walkways/paths, 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.

This program also includes funding for improving granular surface roadways that are functioning as collector-type streets and/or have significant traffic volumes and will focus on Type II Road Oiling Surface Treatment as the upgrade.

Regional and Local Street Renewal (continued):

On November 20, 2013 Council amended the Local Improvement process by creating a pilot project 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 $1 million Granular Lane Fund be used as a funding source for the City's share of the amended Local Improvement Program. Further investment of $1 million per year is included from 2020 to 2024.

On March 22, 2018, Council authorized a first charge of up to $8.86 million in 2018 prior to the adoption of the 2019 capital budget for timely delivery of projects associated with the 2018/2019 Local Street Renewal Program - Industrial/Commercial Streets contracts.

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 2019 Local Street Renewal Program shall be approved by the Standing Policy Committee on Infrastructure Renewal and Public Works.

A Local Street Renewal Reserve was established in 2013 to increase investment in local streets, lanes and sidewalks. A separate 1% property tax increase planned until 2022 and 1.7% thereafter will ensure a dedicated funding stream for local streets.

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

Interim financing repayment of $4 million in 2019 is for funding of the City's share of the work on the 2017 Chevrier Boulevard and Waverley Pathway Extension project which is jointly funded with the Federal Government.

See next pages for program details.

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2019	2020	2021	2022	2023	2024	Six-Year Total
ACCELERATED REGIONAL STREET RENEWAL (NBCF APPLICATION):							
Funding							
- Federal New Building Canada Fund (NBCF)	12,000	25,000	26,000	24,000	13,000		100,000
- Province of Manitoba Regional Roads	12,000	25,000	26,000	24,000	13,000		100,000
- Regional Street Renewal Reserve	12,000	25,000	26,000	24,000	13,000		100,000
- Regional Street Renewal Reserve Ineligibles	3,800	3,800	3,400	3,300	1,600		15,900
Total Funding Accelerated Regional Street Renewal Program	**39,800**	**78,800**	**81,400**	**75,300**	**40,600**	**-**	**315,900**
Regional Reconstruction & Major Rehabilitation Works:							
Ellice Ave - Arlington to Maryland	3,100						3,100
Inkster Blvd - Fife to Milner	4,600						4,600
Main St NB - McAdam Ave to Kildonan Park golf course	6,500						6,500
Roblin Blvd WB - Shaftesbury to Assiniboine Park Drive	5,700						5,700
York Ave - Osborne to Memorial	800						800
Colony St - Portage to Ellice	1,800						1,800
Memorial Blvd NB - St Mary to Portage Ave	1,000						1,000
Memorial Blvd - York to St Mary Ave	1,600						1,600
Corydon Ave WB - Cordova St to Lanark St	2,200						2,200
Corydon Av EB - Borebank St to Brock St	1,100						1,100
Fermor Ave - Lagimodiere to Plessis	9,000	9,000					18,000
Broadway - Osborne to Main / Portage - Main to Memorial / Donald - St. Mary to Gertrude / Fort NB - Graham to Broadway / Hargrave NB - Portage to Ellice & Broadway to York / Smith NB Notre Dame to Midtown Bridge / Carlton St - Portage to Ellice	2,000	8,100	7,700	7,700	7,300		32,800
Dublin Ave - Notre Dame to St James		7,300					7,300
St James St - Dublin to Saskatchewan		2,700					2,700
Maryland St - Fawcett Ave to Maryland Bridge		3,400					3,400
Leila Ave - McPhillips to McGregor		6,200					6,200
Day St - Pandora to Regent / Pandora Ave E - Day to Wayoata		4,900					4,900
Dunkirk Dr - Fermor to St Vital Rd		9,200					9,200
Ness Ave EB - Moorgate St to Overdale		2,300					2,300
Roblin Blvd - Dieppe to PTH101		5,150	5,000				10,150
Archibald St - St Catherine to Cottonwood & Plinguet to Doucet		5,250	5,250	5,250			15,750
Watt St - Chalmers to Munroe / Munroe Ave - Raleigh to Henderson / Johnson Ave W - Levis St to Henderson Hwy		5,100	6,000	4,300	4,400		19,800
Stafford St - Corydon to Pembina / Taylor Ave - Wilton to Pembina / Corydon EB - Waterloo to Cambridge / Corydon Ave - Cambridge to Stafford		4,400	9,000	5,000	5,200		23,600
Erin St - Notre Dame to Wolever / Wall St - Ellice to Notre Dame / Sargent Ave - Arlington to Erin		3,900	12,450	8,400	8,800		33,550
Salter St - Dufferin to Mountain			6,800				6,800
Portage Ave EB - Woodlawn St to Garden Rd			6,500				6,500
Pembina Hwy - Des Trappistes St to Ducharme Ave			2,900				2,900

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2019	2020	2021	2022	2023	2024	Six-Year Total
Selkirk Ave - Arlington to McPhillips			3,300	3,450			6,750
Pembina Hwy - McGillivray to Chevrier				9,500			9,500
Keewatin St NB - Inkster to Adsum				5,300			5,300
Pioneer Ave - Westbrook to Main				1,900			1,900
William Stephenson Way - Main to Westbrook				800			800
Stradbrook Ave - Wellington Cr to Osborne				900			900
Sturgeon Rd - Ness Ave to Hallonquist				2,100			2,100
Colony St - Portage to St Mary / St Mary Ave - Memorial to Portage				3,000			3,000
Nairn Ave - Stadacona to Watt				6,000			6,000
Ness Ave WB - Route 90 to Ferry				1,600			1,600
Jubilee Ave - Osborne to Pembina				5,000	4,300		9,300
Mountain Ave - Arlington to McPhillips				5,100	5,400		10,500
McGregor Ave - Seven Oaks to McAdam					2,500		2,500
McGregor St - Church to Mountain					2,700		2,700
Regional Mill and Fill / Overlay Preservation Works:							
Memorial Blvd SB - Portage to St Mary	400						400
Portage Ave WB - David to St Charles		900					900
Lagimodiere Blvd SB - Reenders Dr to Regent Ave W		500					500
St James St - Notre Dame to Omand's Creek		500					500
Keewatin St - Selkirk to Logan Ave			3,100				3,100
King Edward St - Park Lane to Logan Ave			1,600				1,600
Regent Ave W - Plessis to Rougeau			3,500				3,500
Total Accelerated Regional Street Renewal Program	**39,800**	**78,800**	**81,400**	**75,300**	**40,600**	**-**	**315,900**

Regional and Local Street Renewal (continued):

REGIONAL STREET RENEWAL PROGRAM Authorization ($000's)	2019	2020	2021	2022	2023	2024	Six-Year Total
NON-ACCELERATED REGIONAL STREET RENEWAL: Funding							
- Regional Street Renewal Reserve	13,738	6,538	11,938	20,238	34,938	51,538	138,928
- Province of Manitoba Regional Roads	8,000				3,000	20,000	31,000
Total Funding Non-accelerated Regional Street Renewal	**21,738**	**6,538**	**11,938**	**20,238**	**37,938**	**71,538**	**169,928**
Regional Reconstruction & Major Rehabilitation Works:							
Empress St / Empress St E / Westway / Eastway - St Matthews to Portage	2,500						2,500
Garry/Notre Dame - Notre Dame to Assiniboine/Portage to Princess	4,800						4,800
St James St - Sargent to Ellice	2,000						2,000
Fermor Ave - St Anne's to Archibald	7,600						7,600
Henderson Hwy - N of Gilmore to City Limit (Preliminary Design)		700					700
Portage Ave EB - St Charles to David			2,400				2,400
Henderson Hwy SB - McLeod to Leighton			1,400				1,400
University Cr - Pembina to Chancellor Matheson			4,000	5,900			9,900
Arlington St - Notre Dame to William Ave				5,000			5,000
Grant Ave EB - Lanark to Montrose / Grant WB - Montrose to Queenston				5,800	3,000		8,800
Salter St - Inkster to Jefferson					5,100		5,100
Logan Ave - Disraeli Fr to Main					2,200		2,200
Selkirk Ave - Main to Salter					5,650		5,650
St Anne's Rd - St Mary's to Fermor					5,300		5,300
Dakota St - St Mary's to Bishop Grandin					2,600		2,600
Des Meurons St - Goulet to Marion / Goulet WB - Youville to Braemar					2,400		2,400
Lagimodiere Blvd NB - Fermor to Cottonwood					2,500		2,500
Sargent Ave - Edmonton to Furby / Edmonton St - Sargent to Ellice					2,300		2,300
McPhillips St SB - Machray to Mountain					1,200		1,200
Empress St - St Matthews to Saskatchewan (Preliminary Design)					400		400
Inkster Blvd EB - Arlington St to McKenzie St					1,700		1,700
Regional Mill and Fill Preservation Works:							
Lagimodiere Blvd NB - Regent Ave W to Almey		700					700
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	1,500	1,500	1,500	1,500	1,500	9,000
Regional Street Improvements	2,238	2,143	1,198	580	580	580	7,319
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.	150	545	490	508	558	68,508	70,759
Total Non-accelerated Regional Street Renewal Program	**21,738**	**6,538**	**11,938**	**20,238**	**37,938**	**71,538**	**169,928**
Total Accelerated and Non-accelerated Regional Street Renewal Program	**61,538**	**85,338**	**93,338**	**95,538**	**78,538**	**71,538**	**485,828**

Regional and Local Street Renewal (continued):

LOCAL STREET RENEWAL PROGRAM Authorization ($000's)	2019	2020	2021	2022	2023	2024	Six-Year Total
Funding							
- Local Street Renewal Reserve	33,898	39,698	45,698	51,898	62,898	74,298	308,388
- Federal Gas Tax	12,000	12,000	12,000	12,000	12,000	12,000	72,000
- Province of Manitoba Local Roads	25,000	15,000	14,000	16,000	24,000	20,000	114,000
- Interim Financing Repayment	(4,000)	-	-	-	-	-	(4,000)
Total Funding Local Street Renewal Program	**66,898**	**66,698**	**71,698**	**79,898**	**98,898**	**106,298**	**490,388**
Local Street Renewals	52,486	52,666	57,666	66,278	85,278	92,678	407,052
Local Thin Bituminous Overlay (TBO)	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Granular Roadway Improvements:							
- Type II Road Oiling	500	500	500	500	500	500	3,000
- Granular Lane Improvement Program	1,000	1,000	1,000	1,000	1,000	1,000	6,000
- Waverley Street - Grandmont to the City Limit	1,500						1,500
- To be determined		1,500	1,500	1,500	1,500	1,500	7,500
Sub-total Granular Roadway Improvements	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Lanes, Sidewalks, & Active Transportation Renewals:							
- Lane Renewals - Various Locations	2,750	2,750	2,750	2,750	2,750	2,750	16,500
- Sidewalk Renewals on Local Streets - Various Locations	800	800	800	800	800	800	4,800
- Recreational Walkways and Bike Pathway Renewals	500	500	500	500	500	500	3,000
Sub-total Lanes, Sidewalks & Active Transportation Renewals	4,050	4,050	4,050	4,050	4,050	4,050	24,300
Local Street Improvements	2,362	1,982	1,982	1,570	1,570	1,570	11,036
Total Local Street Renewal Program	**66,898**	**66,698**	**71,698**	**79,898**	**98,898**	**106,298**	**490,388**
Total Regional and Local Street Renewal Program	**128,436**	**152,036**	**165,036**	**175,436**	**177,436**	**177,836**	**976,216**