Minute No. 680
Report – Standing Policy Committee on Infrastructure Renewal and Public Works – July 5, 2022

Item No. 6 New 2022 Capital Projects – New Provincial Funding for Road Construction, Rehabilitation, Preservation and Repair Projects

COUNCIL DECISION:

Council concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works and adopted the following:

1. That the City of Winnipeg accept funding from the Province of Manitoba in the amount of $8,851,695.34 for the purposes of road construction, rehabilitation and preservation projects, including the repair and filling of pothole and road cavities to be expended to the extent possible by December 31, 2022 and in any event prior to December 31, 2023.

2. That Council retroactively approve and ratify the funding Agreement with the Province of Manitoba, signed by the Chief Administrative Officer on June 10, 2022 to implement the intent of the foregoing.

3. That Province of Manitoba funding in the amount of $8,851,695.34 (plus interest) be included in the 2022 Capital Budget and allocated to the Regional and Local Street Renewal Program and that this funding not be subject to City overheads.

4. That new 2022 Capital Street Renewal project locations as identified in Appendix A be approved within the 2022 Regional and Local Street Renewal Program.

5. That up to $800,000.00 of the Province of Manitoba funding of $8,851,695.34 be allocated for granular surface roadway repairs encompassing application of 33 cubic metres of gravel per lane-kilometre on up to 138 kilometres of granular surface roadway, where deemed necessary by the Public Service, including maintenance hours required to maintain the roadways in 2022 and 2023.

6. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

Report – Standing Policy Committee on Infrastructure Renewal and Public Works – July 5, 2022

DECISION MAKING HISTORY:

Moved by Councillor Allard,

That the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works be adopted by consent.

Carried

EXECUTIVE POLICY COMMITTEE RECOMMENDATION:

On July 13, 2022, the Executive Policy Committee concurred in the recommendation of the Standing Policy Committee on Infrastructure Renewal and Public Works and submitted the matter to Council.

STANDING COMMITTEE RECOMMENDATION:

On July 5, 2022, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and submitted the matter to the Executive Policy Committee and Council.

ADMINISTRATIVE REPORT

Title: New 2022 Capital Projects – New Provincial Funding for Road Construction, Rehabilitation, Preservation and Repair Projects

Critical Path: Standing Policy Committee on Infrastructure Renewal and Public Works – Executive Policy Committee – Council

AUTHORIZATION

Author	Department Head	CFO	CAO
B. Neirinck, P. Eng.	J. Berezowsky	C. Kloepfer	M. Jack

EXECUTIVE SUMMARY

The Government of Manitoba has established a fund of $15 million to provide municipalities with financial support for road construction, rehabilitation and preservation projects, including the repair and filling of pothole and road cavities. The funding is allocated to municipalities on a per capita basis. The allocation to the City of Winnipeg (the "Recipient") is $8,851,695.34.

The terms and conditions of the one-time grant stipulate that the Recipient should endeavor to complete the project by December 31, 2022. However, if the contribution is not fully expended in the 2022 construction season, the remainder of the funding must be expended by December 31, 2023. The Province has since clarified that only the types of projects noted above qualify for this funding.

In order to help alleviate some of the road conditions encountered this spring, the Public Service is proposing the following allocations to the Regional Street system and granular surface roads.

1. Approximately $1,160,000.00 to undertake short term asphalt resurfacing treatment on various regional streets with the intent to complete as many of these projects in the 2022 construction season as possible.
2. Approximately $1,110,000.00 to undertake mill & fill treatments on various regional streets with the intent to complete these projects in the 2022 construction season if possible.
3. Approximately $5,780,000.00 to undertake rehabilitation treatment of various regional streets with the intent of undertaking engineering design in 2022 and construction in 2023.
4. Up to $800,000.00 for granular surface roadway repairs encompassing application of 33 cubic metres of gravel per lane-kilometers on up to138 kilometers of granular surface roadway, where deemed necessary by the Public Service, including maintenance hours required to maintain the roadway in 2022 and 2023. The 138 kilometers encompasses the full inventory of granular surface roads within the City of which some may be deemed to be in good condition.

Appendix A lists the regional street locations identified for the maintenance/renewal treatments describe in the allocation items 1 to 3 above. Appendix B identifies the granular surface road locations that may receive the maintenance treatments described in allocation item 4 above.

RECOMMENDATIONS

1. That the City of Winnipeg accept funding from the Province of Manitoba in the amount of $8,851,695.34 for the purposes of road construction, rehabilitation and preservation projects, including the repair and filling of pothole and road cavities to be expended to the extent possible by December 31, 2022 and in any event prior to December 31, 2023.

2. That Council retroactively approve and ratify the funding Agreement with the Province of Manitoba, signed by the Chief Administrative Officer on June 10, 2022 to implement the intent of the foregoing.

3. That Province of Manitoba funding in the amount of $8,851,695.34 (plus interest) be included in the 2022 Capital Budget and allocated to the Regional and Local Street Renewal Program and that this funding not be subject to City overheads.

4. That new 2022 Capital Street Renewal project locations as identified in Appendix A be approved within the 2022 Regional and Local Street Renewal Program.

5. That up to $800,000.00 of the Province of Manitoba funding of $8,851,695.34 be allocated for granular surface roadway repairs encompassing application of 33 cubic metres of gravel per lane-kilometre on up to 138 kilometres of granular surface roadway, where deemed necessary by the Public Service, including maintenance hours required to maintain the roadways in 2022 and 2023.

6. That the Proper Officers of the City be authorized to do all things necessary to implement the intent of the foregoing.

REASON FOR THE REPORT

Council approval is required to ratify the agreement signed by the Chief Administrative Officer on June 10, 2022 as well as to include the funding in the Capital Budget and to authorize new Capital Projects.

IMPLICATIONS OF THE RECOMMENDATIONS

Approval of this report will authorize and allocate the use of the new Government of Manitoba funding for various road renewal projects.

Note that in order to comply with the Province of Manitoba’s funding timeline as indicated in their letter of June 3, 2022, the City signed the agreement on June 10, 2022.

HISTORY/DISCUSSION

Severe winter and spring weather conditions contributed to deteriorated road surface conditions throughout the Province.

Within the City of Winnipeg, Regional Streets, mainly ones in poor condition with higher traffic and truck volumes, were particularly affected, impacting the movement of people, goods and services. While some of the most impacted routes correlate to locations already forecasted for renewal in the 2022 Capital Budget and five-year forecast, there are many other routes that were affected.

In response to above-normal deterioration of road surfaces throughout the Province, the Province of Manitoba is providing a one-time grant of $15 million to municipalities, of which $8,851,695.34 has been allocated to the City of Winnipeg. These funds are to be used exclusively for road construction, rehabilitation and preservation projects, including the repair and filling of potholes and road cavities. The terms and conditions on which these funds are provided are relatively standard but the Province has been clear that the funds are to be expended to the extent possible by December 31, 2022 and in any event no later than December 31, 2023.

To qualify for this funding by the Provincial deadline of June 10, 2022, the Chief Administrative Officer signed the required funding agreement with the Province pending Council's approval. This report is seeking retroactive approval by Council to accept this funding and ratification of the funding agreement with the Province.

Council acceptance of these funds will enable street work to be conducted at the locations set out in Appendix A.

Assuming Council concurs with the acceptance of this one-time grant, the Public Service has identified projects that align with the terms and conditions for project expenditures. Note that ineligible project costs include municipal employee salaries and benefits, dust control, purchase of tools and machinery, feasibility studies, financing charges, legal fees, overhead, and the Goods and Services Tax (GST). This eliminates the ability for use in operating expenditures for pothole repairs and instead, the Public service is recommending all of the available funds be allocated to the capital budget.

Asphalt resurfacing treatments are being recommended at a number of locations where a more permanent renewal is not forecasted to occur in the immediate future. These resurfacing treatments are expected to improve the surface condition of these locations in the short term until longer-term rehabilitations or reconstructions can be programmed. The resurfacings would be estimated to improve the surface condition for approximately 5 years to a maximum of 10 years and be about one-quarter the cost of major rehabilitation.

In addition, a portion of the funding is being recommended for some permanent mill & fill and rehabilitation projects that are not currently programmed in the regional street program. The locations chosen have straight-forward scopes of work and are of modest value such that they can be successfully completed within the time limits identified.

In order to expedite the asphalt resurfacing and mill & fill locations for 2022 construction, these project locations will be added to existing consulting engineering assignment and construction contracts as changes in work. The distribution of the work will be based in part on geographic locations of existing construction work as well as an ability for the contractor to complete the work in an expedited fashion.

On June 9, 2022, Standing Policy Committee on Infrastructure Renewal and Public Works considered a recommendation of the Riel Community Committee and recommended to Council that the Winnipeg Public Service be directed to allocate up to $800,000.00 from the Province of Manitoba's one-time grant of $8.9 million for road repair, to the application of 33 cubic meters per lane kilometre on the City's 138 kilometres of granular surface roadways, including the maintenance hours required to maintain the roadway surface.

Currently the level of service for granular surface roads is to maintain them in passable condition. Many of these gravel roads have been particularly impacted by the spring weather conditions. The additional proposed funding for granular surface roadways will allow some proactive treatment to occur that will improve the level of service in the short term.

This report is recommending that this one-time Provincial funding is not subject to City overheads as overheads are an in-eligible cost under the terms and conditions. The terms and conditions also stipulate that the contribution of $8,851,695.34 must be deposited in an interest bearing account until expended and any interest earned will form part of the contribution. As such, the amounts as set out in this report will be increased for interest earned on deposited funds between the time of deposit and the time of expenditure.

FINANCIAL IMPACT

Financial Impact Statement **Date:** June 16, 2022

Project Name: **First Year of Program** **2022**

New 2022 Capital Projects - New Provincial Funding for Road Construction, Rehabilitation, Preservation and Repair Projects

	2022	2023	2024	2025	2026
Capital					
Capital Expenditures Required	$ 8,851,695	$ -	$ -	$ -	$ -
Less: Existing Budgeted Costs	-	-	-	-	-
Additional Capital Budget Required	$ 8,851,695	$ -	$ -	$ -	$ -
Funding Sources:					
Debt - Internal	$ -	$ -	$ -	$ -	$ -
Debt - External	-	-	-	-	-
Grants	-	-	-	-	-
Reserves, Equity, Surplus	-	-	-	-	-
Other - One-time Provincial Roads	8,851,695	-	-	-	-
Total Funding	$ 8,851,695	$ -	$ -	$ -	$ -
Total Additional Capital Budget Required	$ 8,851,695				
Total Additional Debt Required	$ -				
Current Expenditures/Revenues					
Direct Costs	$ -	$ -	$ -	$ -	$ -
Less: Incremental Revenue/Recovery	-	-	-	-	-
Net Cost/(Benefit)	$ -	$ -	$ -	$ -	$ -
Less: Existing Budget Amounts	-	-	-	-	-
Net Budget Adjustment Required	$ -	$ -	$ -	$ -	$ -

Additional Comments: The amounts above will be adjusted for any interest earned between the time of deposit and time of expenditure in accordance with the Provincial terms and conditions. City overheads are ineligible costs under the Provincial terms and conditions and are being waived by the recommendations of this report.

J. Ruby, 2022-06-16

J. Ruby, CPA, CA
Manager of Finance & Administration

CONSULTATION

This Report has been prepared in consultation with:

Legal Services (as to legal issues)

OURWINNIPEG POLICY ALIGNMENT

4.10 Transportation Safety Design. Construct, maintain, and regulate an integrated and sustainable transportation system and related infrastructure that optimize safe, connected and reliable mobility, and minimize severe injuries and fatalities for all road users.

WINNIPEG CLIMATE ACTION PLAN ALIGNMENT

N/A

WINNIPEG POVERTY REDUCTION STRATEGY ALIGNMENT

N/A

SUBMITTED BY

Department: Public Works
Division: Engineering
Prepared by: B. Neirinck, P. Eng.
Date: June 16, 2022

Attachments:
Appendix A – Regional Street Maintenance/Renewal Locations
Appendix B – Granular Surface Road Locations

Appendix A – Regional Street Maintenance/Renewal Locations

Regional Street Maintenance/Renewal Locations

Street	From	To	Treatment
Arlington St	Mountain Av	Church Av	Resurface
Academy Rd	Renfrew St	Wellington Av	Resurface
Portage Av EB	Garden Rd	Empress St	Resurface
Waverley Street SB	Cadboro Rd	165m S of Cadboro Rd	Resurface
James Av	King St	Main St	Resurface
Logan Av	Keewatin St	Dee St	Mill and Fill
Plessis Rd NB	Devonshire Blvd	Gunn Rd	Mill and Fill
Warde Av	St. Mary's Rd	Dakota St	Rehabilitation
Pandora Av E	Ravenhurst St	Wayoata St	Rehabilitation

Appendix B – Granular Surface Road Locations

Granular Surface Road Locations

Listing of granular surface roadways within the City of Winnipeg. Granular surface roadways on this list will be evaluated to determine the requirement for the addition of the 33 cubic metres of gravel per lane – kilometer including maintenance hours required to maintain the roadways in 2022 and 2023.

Street Name	From Street	To Street	Lane Kilometers
Highland Av	Main St	Gibbs St	0.82
Mazenod Rd	Public Rd	Niakwa Rd E	0.43
Charleswood Rd	End	Wilkes Av	6.02
Peace Rd	Liberty St	End	0.47
Wyper Rd	McConnell Rd	McCreary Rd	0.96
Brentwood Av	Charlotte Rd	Newport Rd	0.71
Viking Rd	St Marys Rd	End	0.70
Greenview Rd	St Marys Rd	End	2.27
Fraser Rd	Chrypko Dr	End	4.56
Grande Pointe Rd	Hallama Dr	End	0.46
Des Trappistes St	Waverley St	Brady Rd	6.56
Brady Rd	Des Trappistes St	End	6.33
Two Mile Rd	Chrypko Dr	Forbes Rd	1.31
Forbes Rd	St Marys Rd	Two Mile Rd	5.38
Two Mile Rd	Paul Bv	Seniuk Rd	5.18
Seniuk Rd	Two Mile Rd	24 Access Rd	4.14
Davis Rd	Christie Rd	End	0.27
Paul Bv	St Marys Rd	Two Mile Rd	7.04
Two Mile Rd	Paul Bv	Forbes Rd	0.62
Fraser Rd	Chrypko Dr	St Marys Rd	5.42
Brady Rd	Brady Rd	South Perimeter Service Road N	7.24
Lee Bv	Waverley St	End	2.28
West Perimeter Service Road W	Wilkes Av	06 Service Rd	2.80
Glen Meadow St	St Michael Rd	End	0.13
Creek Bend Rd	Sioux Rd W	End	0.28
Brookdale St	Municipal Rd	End	0.11
Heatherdale Av	Daniel St	Derek St	0.33
Brockville St	Stovel St	Wilkes Av	0.51
Liberty St	Peace Rd	End	0.04
Community Rw	End	Wilkes Av	6.76
Brockville St	Stovel St	End	0.12
Sigma Av	Dunkley St	Post St	0.22

West Perimeter Service Road W	05 Service Rd	Wyper Rd	3.97
Howe Av	Liberty St	Loudoun Rd	0.72
Heatherdale Av	Derek St	Rockman St	0.35
Rockman St	Heatherdale Av	Parker Av	0.09
Sioux Rd W	Aimes Rd	Creek Bend Rd	1.45
Post St	Sigma Av	End	0.12
Alpha St	McGillivray Bv	Sigma Av	0.20
Sackville St	Silver Av	End	0.41
Nicolas Av	Charlotte St	End	0.50
Parent St	Logan Av	Miriam Av	0.13
Municipal Rd	End	Rannock Av	2.22
Fairmont Rd	Ridgewood Av	Wilkes Av	1.04
Laurier St	Plinguet St	End	0.16
Warman Rd	Lagimodiere Bv	Softley Rd	0.35
St Boniface Rd	Foch Av	Symington Rd	0.84
St Boniface Rd	Bates Av	Plessis Rd	2.46
Foch Av	Esselmont Av	St Boniface Rd	1.63
West Perimeter Service Road	Roblin Bv	2km South	2.21
Kildonan Dr	Essar Av	End	0.09
Curtis St	Higgins Av	End	0.21
Argyle St N	Sutherland Av	End	0.17
Nassau St N	Fleet Av	Garwood Av	0.19
King Edward St	Division Av	Stefanik Av	0.80
Emes Rd	Garden View Dr	McPhillips St	1.88
Holmes Rd	Four Mile Rd	Emes Rd	1.99
Garden View Dr	Pipeline Rd	Emes Rd	2.86
Balgona Rd	McPhillips St	Pipeline Rd	6.55
Ashburn St	Richard Av	End	0.22
Highwood St	Saskatchewan Av	Foot Pl	0.15
Xante St	Pacific Av	Ross Av	0.18
Bates Av	Dugald Rd	Esselmont Av	1.68
Nicolas Av	Charlotte St	Marion St	0.13
Union Av W	Brazier St	End	0.08
Ravelston Av W	Almey Av	End	0.26
Rennie Av	Copeland St	End	0.16
Bedford Av	Copeland St	Taggart St	0.43
Vesel Av	Copeland St	End	0.23
Fuller Av	Copeland St	End	0.24
Callsbeck Av	Molson St	End	0.75
Tyne Av	Foster St	Grey St	0.47
Division Av	King Edward St	End	0.76
King Edward St	Division Av	Mollard Rd	1.65
Melgund Rd	Jefferson Av	Stefanik Av	0.85
Bunns Gr	Bonner Av	End	0.19
Gibbs St	Highland Av	End	0.08

Alexander Av	Maude St	McPhillips St	0.33
Ross Av	Arlington St	Xante St	0.45
Foch Av	Esselmont Av	Dugald Rd	1.68
McArthur St	Higgins Av	Point Douglas Av	0.25
Beecher Av	Ferrier St	End	0.24
Meade St	Higgins Av	End	0.14
King St	Sutherland Av	End	0.17
Mollard Rd	Ritchie St	King Edward St	3.29
Ritchie St	Mollard Rd	Templeton Av	0.82
Storie Rd	McPhillips St	Pipeline Rd	3.54
Jefferson Av	Meridian Dr	Melgund Rd	0.79
Kildonan Dr	Essar Av	End	0.10
Valour Rd	Richard Av	Notre Dame Av	1.27
Beach Av	Foster St	End	0.07
Plessis Rd	Kotelko Dr	Perimeter 100 Hw	0.09
Warman Rd	Softley Rd	End	0.44
Mazenod Rd	Niakwa Rd E	End	0.85
Dawson Rd S	Plessis Rd	Royal Mint Dr	2.97
Southwood Av	Wicklow St	End	0.09
Willowgrove Rd	Courage Pl	End	0.74
Mollard Rd	Pipeline Rd	Ritchie St	3.28
Beaulieu St	Plinguet St	Mission St	0.50
Plessis Rd	John Bruce Rd	Kotelko Dr	0.07
Xante St	Elgin Av	Ross Av	0.19
Esselmont Av	Bates Av	End	0.51
Symington Rd	Esselmont Av	St Boniface Rd	1.63
Seniuk Rd	St Annes Rd	Two Mile Rd	0.33
Fraser Rd	St Marys Rd	End	1.57
Chrypko Dr	St Marys Rd	Two Mile Rd	5.95
Symington Rd	Copeland St	Dugald Rd	0.47
Goodyear Av	Copeland St	Dugald Rd	0.47
Markham Rd	University Cr	Snow St	1.04
Forbes Rd	Two Mile Rd	Two Mile Rd	1.81
Wyper Rd	McConnell Rd	Loudoun Rd	2.48
West Perimeter Service Road E	05 Service Rd	Wyper Rd	3.97
Mailhiot Rd	Plessis Rd	End	2.15
Goodyear Av	Copeland St	Taggart St	0.41
Post St	Sigma Av	McGillivray Bv	0.19
Cleveland St	Inkster Bv	End	0.15
Plessis Rd	St Joseph Rd	John Bruce Rd	0.83
Symington Rd	Esselmont Av	Taggart St	0.81
Perreault Av	Pembina Hw	End	0.77
Albany St	Silver Av	End	0.48
Provencher Bv	Dawson Rd N	Mission St	0.41
Bickerton St	McCutcheon St	Mission St	0.20

Des Trappistes St	Du Monastere St	Ruines Du Monastere St	0.27
McConnell Rd	Wilkes Av	Wyper Rd	6.65
Wyper Rd	Loudoun Rd	End	0.78
Plessis Rd	Dawson Rd S	Symington Rd W	1.13
Esselmont Av	Bates Av	Foch Av	0.80
Cordite Rd	Ham St	Plessis Rd	3.26
Kotelko Dr	Warde Av	Plessis Rd	5.33
West Perimeter Service Road E	Wilkes Av	06 Service Rd	2.79
Aimes Rd	Aimes Rd Access	End	0.39
Wyper Rd	Loudoun Rd	Loudoun Rd	0.56
Oustic Av E	St Marys Rd	End	0.48
Truro St	Silver Av	End	0.14
Norris Rd	McIvor Av	Springfield Rd	1.63
Plessis Rd	St Joseph Rd	John Bruce Rd	4.58
Wabasha St	Larche Av E	Day St	0.76
Des Trappistes St	Waverley St	Ruines Du Monastere St	2.63
Dawson Rd N	Mission St	Provencher Bv	0.30
King Edward St	Jefferson Av	Stefanik Av	0.83
Holly Av	South Dr	End	0.13
Oxbow Bend Rd	Augier Av	Augier Av	2.66
Nassau St N	Fleet Av	Pembina Hw	0.19
Front St	McGillivray Bv	Sigma Av	0.17
Stefanik Av	Melgund Rd	King Edward St	1.59
Larche Av W	Winona St	End	0.13
Softley Rd	Warman Rd	End	0.50
Bayridge Av	Ulster St	End	0.25
Four Mile Rd	Prairie Grove Rd	St Annes Rd	2.04
Commonwealth Av	Main St	End	0.26
Trinity St	Logan Av	Henry Av	0.28
Maude St	Logan Av	Alexander Av	0.25
St Boniface Rd	Murdock Rd	Symington Rd	3.28
Oxbow Bend Rd	McCarthy St	Augier Av	1.19
Turenne St	Marion St	Panet Rd	0.68
Silverthorne Pl	Cunnington Av	End	0.08
Forbes Rd	St Annes Rd	Two Mile Rd	3.88
Sumka Rd	PTH 100	End	0.63
Seniuk Rd	St Marys Rd	24 Access Rd	3.20
Trueman St	Ottawa Av	Washington Av	0.14
Hewitson Rd	Gunn Rd	End	1.67
Esselmont Av	Foch Av	Symington Rd	0.84
Glenwood Cr	Harbison Av W	End	0.15
Mollard Rd	Brookside Bv	King Edward St	3.11
Van Bellegham Av	Panet Rd	Dawson Rd N	0.40
Harstone Rd	Wilkes Av	Glenbush St	1.41

Public Rd	Waverley St	End	0.79
Brady Rd	Des Trappistes St	Brady Road Landfill Access	3.68
Brady Rd Crossing of Lot 16 Drain	Brady Rd	Brady Rd	0.03
Heatherdale Av	Parker Av	Rockman St	0.38
Symington Rd	Taggart St	Copeland St	0.41
Sigma Av	Alpha St	Front St	0.29
Dunkley St	Sigma Av	McGillivray Bv	0.24
Oustic Av W	Access Rd	Dunkirk Dr	0.31
South Perimeter Service Road N	South Perimeter Service Road N	Brady Rd	3.24
Valde Av	Gevaert St	End	0.05
Valde Av	Gevaert St	Day St	0.17
De Vos Rd	Pembina Hw	End	1.45
Sioux Rd E	Donridge Dr	Budd Rd	0.52
Budd Rd	Sioux Rd E	Ramblewood Rd	4.01
Hallama Dr	Hallamar Dr	End	0.28
Jefferson Av	Meridian Dr	Melgund Rd	0.83
Creek Bend Rd Crossing of Seine River	Creek Bend Rd	Creek Bend Rd	0.06
Creek Bend Rd	Sioux Rd W	Creek Bend Rd Crossing of Seine River	1.36
Summit Rd	Saskatchewan Av	Summit Rd Bridge Over Sturgeon Cr	1.10
Summit Rd Bridge Over Sturgeon Cr	Summit Rd	Summit Rd	0.11
Summit Rd	Service Rd	End	1.58
Brady Rd	Brady Rd	Brady Rd Crossing of Lot 16 Drain	0.53
Brady Rd	Brady Rd Crossing of Lot 16 Drain	Cedar Glen Rd	1.72
Veert Rd	End	Forbes Rd	0.58
Forbes Rd	End	Veert Rd	0.48
Forbes Rd	St Marys Rd	End	0.96
Creek Bend Rd	Creek Bend Rd Crossing of Seine River	43m South of Seine River	0.09
Melnick Rd	Warde Av	PTH 100	4.55
Foot Pl	End	Highwood St	0.69
Highwood St	Foot Pl	End	1.17
Frobisher Rd	St Annes Rd	St Marys Rd	1.09
Stovel St	Brockville St	End	0.25
Summit Rd	Summit Rd Bridge Over Sturgeon Cr	Service Rd	0.30
Summit Rd	Summit Rd	Sturgeon Rd	3.95
Cadboro Rd	Waverley St	End	1.38

Court Av	Pipeline Rd	McPhillips St	1.56
Callsbeck Av	Panet Rd	Panet Rd	0.03
Bickerton St	McCutcheon St	Mission St	0.12
Total Lane Kilometers			**274.28**