

**APPENDIX B-R3 – PROJECT LOCATIONS AND TECHNICAL SCOPING**

See Tables below.

**Notes:**

The "Additional Information" provided within the following tables relative to specific Project Packages and/or Project Locations contain specific information or issues, known to exist on Site at the time of issuance of this Request for Proposal. This information is not meant to be exhaustive and not meant to take the place of investigations and due diligence required of the Proponent.

The specific utility and agency coordination identified below notwithstanding, the successful Consultant(s) will be required to investigate and coordinate any utility requirements of the Project.

Construction adjacent to schools will be avoided during the school year where possible, and otherwise coordinated with the respective school division.

Any project locations with railway crossings within or adjacent to their limits must have work coordinated with the respective rail authority.

<b>REGIONAL STREETS - CORYDON</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-C-04	833-2018.1	Corydon Av WB - Cordova St/Lanark St	Concrete Reconstruction	1,2	\$1,430,000	\$2,200,000
19-C-04	833-2018.1	Corydon Av EB - Borebank St/Brock St	Concrete Reconstruction	1	\$715,000	\$1,100,000
<b>REGIONAL STREETS - CORYDON</b>						<b>Total Project Package Budget</b>
						<b>\$3,300,000</b>
<i>Additional Information:</i>						
<i>General Assume 70 working days to Substantial Performance for this package</i>						
<i>1 School in the immediate vicinity. Construction should take place July/August where possible - coordinate with school.</i>						
<i>2 Rail crossing renewal not included - coordinate adjacent road work with rail authority.</i>						

<b>ALLEY PACKAGE 19-RL-02 AND LOCAL STREETS PACKAGE – 19-R-01</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-RL-02	833-2018.2	Lane Bounded By Armstrong Av/Weinberg Rd/Salter St/Leila Av	Concrete Reconstruction		\$364,881	\$561,355
19-R-01	833-2018.2	Powers St – Leila Av/Partridge Av	Rehabilitation		\$76,126	\$117,117
19-R-01	833-2018.2	Burrows Av WB – Main St/Powers St	Rehabilitation	4	\$644,283	\$991,204
19-R-01	833-2018.2	Andrews St – Leila Av/Hartford Av	Rehabilitation	5	\$576,351	\$886,694
19-R-01	833-2018.2	Cork Av – Sly Dr/Salter St	Asphalt Reconstruction	6, 10, 12	\$405,179	\$623,352
19-R-01	833-2018.2	Stardust Av – Watson St/McPhillips St	Rehabilitation	7	\$291,226	\$448,040
19-R-01	833-2018.2	Marlow Ct – Mapleglen Dr/Mapleglen Dr	Rehabilitation		\$242,142	\$372,526
19-R-01	833-2018.2	Malden Cs – Mannerley Wy/Mannerley Wy	Rehabilitation	8	\$218,284	\$335,821
19-R-01	833-2018.2	Neville St – Margate Rd/Mapleton Dr	Rehabilitation	9	\$199,387	\$306,749
19-R-01	833-2018.2	Kairistine Ln – Kinver Av/Dexter St	Rehabilitation		\$232,359	\$357,475
19-R-01	833-2018.2	Palms Bv – Garden Grove Dr/Burrows Av	Rehabilitation	8, 11	\$300,843	\$462,835
19-R-01	833-2018.2	Forest Cove Dr – Garton Av/Jonathan Cr	Rehabilitation		\$340,996	\$524,609
19-R-01	833-2018.2	Nora St – Logan Av/Alexander Av	Concrete Reconstruction	10	\$220,327	\$338,964
19-R-01	833-2018.2	Selkirk Av – Buller St/Sheppard St	Rehabilitation	2, 3	\$596,943	\$918,374
<b>ALLEY PACKAGE 19-RL-02 AND LOCAL STREETS PACKAGE – 19-R-01</b>					<b>Total Project Package Budget</b>	<b>\$7,245,115</b>

**Additional Information:**

**General Assume 2 construction Bid Opportunities with 60 working days each to Substantial Performance for this package**

- 1 School in the immediate vicinity. Construction should take place July/August.
- 2 Rail crossing renewal not included – coordinate adjacent road work with rail authority.
- 3 Align sidewalk ramps
- 4 Widen pavement at Main to improve SB-EB right turns.
- 5 W&W adjacent lining on Forest Av in 2019 – Coordination required.
- 6 The concrete/asphalt reconstruction streets in this package will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.
- 7 Extend sidewalk on west side Watson to match sidewalk on south side Stardust.
- 8 Consider radius improvements to avoid off-tracking.
- 9 Remove unused paving stone ramp at Sardelle. Align ramps at Mapleton.
- 10 Insulation of some water services required.
- 11 W&W proposed liner with dig in 2019 – Coordination required.
- 12 Include ramp east side of Salter.
- 13 Align sidewalk ramps

<b>LOCAL STREETS PACKAGE - 19-R-02</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-R-02	833-2018.3	Raleigh St - Munroe Av/Chalvers Av	Asphalt Reconstruction	4,5,8,15	\$851,666	\$1,310,256
19-R-02	833-2018.3	Jamison Av - Roch St/Henderson Hw	Asphalt Reconstruction	5,6,7,9	\$941,850	\$1,449,000
19-R-02	833-2018.3	Talbot Av - Foster St/Grey St	Rehabilitation	2,3	\$185,587	\$285,518
19-R-02	833-2018.3	Edison Av - DeGraff Pl/Rothesay St	Rehabilitation	5	\$828,100	\$1,274,000
19-R-02	833-2018.3	Raleigh St - Donwood Dr/Springfield Rd	Asphalt Reconstruction	10,11	\$550,480	\$846,893
19-R-02	833-2018.3	Sanford Fleming Rd - Plessis Rd/Devonshire Dr	Rehabilitation	1	\$784,394	\$1,206,760
19-R-02	833-2018.3	Day St - McMeans Av E/Kildare Av	Rehabilitation	14,16	\$539,300	\$829,693
<b>LOCAL STREETS PACKAGE - 19-R-02</b>					<b>Total Project Package Budget</b>	<b>\$7,202,120</b>
<b>Additional Information:</b>						
<p><b>General Assume 2 construction Bid Opportunities with 50 working days each to Substantial Performance for this package</b></p> <ol style="list-style-type: none"> <li>1 School in the immediate vicinity. Construction should take place July/August.</li> <li>2 Rail crossing renewal not included - coordinate adjacent road work with rail authority.</li> <li>3 Include detectable tiles at intersections.</li> <li>4 Consider Urban Cross Section.</li> <li>5 Watermain Renewal in 2019 - Coordination required.</li> <li>6 The concrete/asphalt reconstruction streets in this package will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.</li> <li>7 Insulation of some water services required.</li> <li>8 Feedermain under pavement.</li> <li>9 Feedermain on Henderson</li> <li>10 Feedermain on Gateway.</li> <li>11 Consider Rural Cross Section.</li> <li>12 Connect sidewalk from bus stop to Gemini and across Raleigh to A/T Path</li> <li>13 Feedermain on Plessis.</li> <li>14 W&amp;W proposed liner with dig in 2019 - Coordination required.</li> <li>15 Include ramps for A/T path/sidewalk at intersections. Improve alignment of detectable tiles.</li> <li>16 Add 3.0 m wide A/T Path West side of Day-separate from sidewalk.</li> </ol>						

<b>LOCAL STREETS PACKAGE - 19-R-03</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-R-03	833-2018.4	Dowker Av - Crowson By(E Leg)/Pembina Hw	Concrete Reconstruction	1,2,4,7	\$998,400	\$1,536,000
19-R-03	833-2018.4	Mulvey Av - Arbuthnot St/Lilac St	Concrete Reconstruction	4,6,8	\$324,230	\$498,816
19-R-03	833-2018.4	Lilac St - Mulvey Av/Fleet Av	Rehabilitation	8	\$60,790	\$93,523
19-R-03	833-2018.4	Maureen St - Barron Dr/Assiniboine Av	Rehabilitation		\$198,552	\$305,464
19-R-03	833-2018.4	Whitegates Cr - Barron Dr/Maureen St	Rehabilitation		\$252,135	\$387,900
19-R-03	833-2018.4	Kirkfield St - Portage Av/McBey Av	Asphalt Reconstruction	4,5,6,9	\$414,905	\$638,316
19-R-03	833-2018.4	Ness Av - Sturgeon Rd/Pebblewood Ln	Rehabilitation	10	\$284,375	\$437,500
19-R-03	833-2018.4	Olive St - Braintree Cr/Ness Av	Asphalt Reconstruction	1,6,11	\$110,774	\$170,422
19-R-03	833-2018.4	Ainslie St - Bruce Av/Lodge Av	Rehabilitation	1,8,12	\$265,775	\$408,884
19-R-03	833-2018.4	Lodge Av - Davidson St/Moray St	Rehabilitation	3,7,13,14	\$486,657	\$748,703
19-R-03	833-2018.4	Inglewood St - Silver Av/Ness Av	Rehabilitation	15,16	\$312,428	\$480,658
19-R-03	833-2018.4	Palliser Av - Mount Royal Rd/Mount Royal Rd	Rehabilitation	17	\$305,889	\$470,599
19-R-03	833-2018.4	Trail Av - Mount Royal Rd/Portage Av	Rehabilitation	17	\$189,986	\$292,286
19-R-03	833-2018.4	Wellington Av - Arlington St/ <b>Banning St Alverston St</b>	Concrete Reconstruction		\$612,959	\$943,014
19-R-03	833-2018.4	Strathcona St - Ellice Av/St. Matthews Av	Asphalt Reconstruction		\$514,281	\$791,202
<b>LOCAL STREETS PACKAGE - 19-R-03 Total Project Package Budget</b>						<b>\$8,203,287</b>

**Additional Information:**

**General Assume 2 construction Bid Opportunities with 70 working days each to Substantial Performance for this package**

- 1 School in the immediate vicinity. Construction should take place July/August.
- 2 Construct new sidewalk on south side to east of Crowson.
- 3 Construct new sidewalk on north side.
- 4 Insulation of some water services required.
- 5 Watermain Renewal in 2019 - Coordination required.
- 6 The concrete/asphalt reconstruction streets in this package will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.
- 7 W&W proposed liner in 2019 - Coordination required.
- 8 W&W Adjacent proposed liner in 2019 - Coordination required.
- 9 Improve pedestrian accommodation between Portage Av and lane south of Portage.
- 10 Include detectable tiles at intersections. Improve alignment.
- 11 Install new sidewalks to improve pedestrian connection to school.
- 12 Complete sidewalk connection at Lodge.
- 13 Firehall adjacent.
- 14 Feedermain on Moray.
- 15 Install detectable tiles at Silver.
- 16 Feedermain on Silver
- 17 Consider radius improvements to avoid off-tracking.

<b>LOCAL STREETS PACKAGE - 19-R-04</b>							
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>	
19-R-04	833-2018.5	Derek St - Windermere Av/Parker Av	Asphalt Reconstruction	4	\$511,982	\$787,665	
19-R-04	833-2018.5	Hudson St - Clarence Av/Chevrier Bv	Asphalt Reconstruction	2,3,5,6	\$715,804	\$1,101,237	
19-R-04	833-2018.5	Lanark St - corydon Av/John Brebeuf Pl	Concrete Reconstruction	1,4,6,7	\$697,970	\$1,073,800	
19-R-04	833-2018.5	Mountbatten Av - Bower Bv/Shafesbury Bv	Rehabilitation		\$99,102	\$152,464	
19-R-04	833-2018.5	Maurepas Cr - Edgeland Bv/Edgeland Bv	Rehabilitation		\$174,392	\$268,296	
19-R-04	833-2018.5	McDowell Dr - 47 McDowell Dr/Westlund Wy	Asphalt Reconstruction	4	\$485,644	\$747,144	
19-R-04	833-2018.5	Thatcher Dr - University Cr/Pembina Hw	Rehabilitation	2	\$288,279	\$443,506	
19-R-04	833-2018.5	Villeneuve Bv - Ducharme Av/Des Trappistes St	Concrete Reconstruction	4,6,8	\$963,745	\$1,482,684	
19-R-04	833-2018.5	Caledon Rd - Mapleridge Av/Killarney Av	Rehabilitation	9,10	\$172,373	\$265,189	
<b>LOCAL STREETS PACKAGE - 19-R-04</b>					<b>Total Project Package Budget</b>		<b>\$6,321,985</b>
<b>Additional Information:</b>							
<b>General Assume 2 construction Bid Opportunities with 50 working days each to Substantial Performance for this package</b>							
1 School in the immediate vicinity. Construction should take place July/August where possible - coordinate with school.							
2 W&W Adjacent proposed liner in 2019 - Coordination required.							
3 Improve alignment/connection of pedestrian ramps.							
4 Insulation of some water services required.							
5 Watermain Renewal in 2019 - Coordination required.							
6 The concrete/asphalt reconstruction streets in this package will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.							
7 Coordinate improvements to bus loading bay with school.							
8 W&W proposed liner in 2019 - Coordination required.							
9 W&W adjacent 2018 Watermain Renewal on Killarney - confirm completion or coordinate.							
10 Construct new sidewalk on east side.							

<b>LOCAL STREETS PACKAGE - 19-R-05</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-R-05	833-2018.6	Lyndale Dr - Main St Bridge/Walmer St	Asphalt Reconstruction	3,4,6,7	\$790,546	\$1,216,224
19-R-05	833-2018.6	Speers Rd - Elizabeth Rd/Winakwa Rd	Rehabilitation	1,2,8,9,13	\$607,277	\$934,272
19-R-05	833-2018.6	Traverse Av - Dollard Bv/Marion St	Rehabilitation		\$433,627	\$667,118
19-R-05	833-2018.6	Hamel Av - Des Meurons St/Aulneau St	Rehabilitation		\$517,750	\$796,539
19-R-05	833-2018.6	Des Meurons St - Carriere Av/Morier Av	Rehabilitation	10	\$286,846	\$441,301
19-R-05	833-2018.6	Pulberry St - Parkville Dr/St. Michael Rd	Asphalt Reconstruction	1,11	\$270,270	\$415,800
19-R-05	833-2018.6	Hazelwood Av - Dakota St/Dells Cr	Rehabilitation	12	\$199,826	\$307,425
19-R-05	833-2018.6	Flynn St - Barrington Av/Moore Av	Asphalt Reconstruction	6	\$212,410	\$326,784
19-R-05	833-2018.6	Traynor By - St. Michael Rd/St. Michale Rd	Rehabilitation		\$186,701	\$287,232
<b>LOCAL STREETS PACKAGE - 19-R-05</b>					<b>Total Project Package Budget</b>	<b>\$5,392,695</b>
<b>Additional Information:</b>						
<b>General Assume 1 construction Bid Opportunity with 70 working days to Substantial Performance for this package</b>						
1 School in the immediate vicinity. Construction should take place July/August.						
2 W&W proposed liner with digs in 2019 - Coordination required.						
3 Construct new sidewalk west side.						
4 Insulation of some water services required.						
6 The concrete/asphalt reconstruction streets in this package will have street lighting work (including the installation of bases and wiring and the replacement of lamp standards) completed under the roadworks construction contract. Co-ordination with Manitoba Hydro will be required. Lighting design will be completed by Manitoba Hydro and inspection will be provided by Manitoba Hydro after each phase of work. Layout will be performed by the successful proponent. Quantities to be included in the Bid Opp and typical Manitoba Hydro specifications for all works to be included in the construction Bid Opportunity will be supplied to the successful proponent. Work will be required to insert documents into the construction Bid Opportunity.						
7 Primary Dike.						
8 Aqueduct on Lagimodiere.						
9 Feedermain on Speers.						
10 Align sidewalk crossings.						
11 Reduce parking lane width and increase sidewalk width to 1.5 m.						
12 Include Ramp at Dells to Brentford Park.						
13 Remove existing sidewalk and construct a 3.5 m wide shared multi-use path on the east side.						

<b>ALLEY PACKAGE - 19-RL-01</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Lane Bounded By</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-RL-01	833-2018.7	Academy Rd/Oak St/Elm St/Kingsway	Concrete Reconstruction		\$448,784	\$641,120
19-RL-01	833-2018.7	Academy Rd/Borebank St/Campbell St/Kingsway	Concrete Reconstruction		\$447,643	\$639,490
19-RL-01	833-2018.7	Grosvenor Av/Ash St/Montrose St/Corydon Av	Concrete Reconstruction	1,3	\$445,582	\$636,545
19-RL-01	833-2018.7	Corydon Av/Ash St/Oak St/Fleet Av	Concrete Reconstruction		\$434,161	\$620,230
19-RL-01	833-2018.7	Grosvenor Av/Waverley St/Oxford St/Corydon Av	Concrete Reconstruction	2	\$446,403	\$637,718
<b>ALLEY PACKAGE - 19-RL-01</b>					<b>Total Project Package Budget</b>	<b>\$3,175,103</b>
<b>Additional Information:</b> <i>General* Assume 1 construction Bid Opportunity with 60 working days to Substantial Performance for this package</i> 1 School in the immediate vicinity - Construction should take place during July/August 2 W&W proposed liner with dig on Waverley @ Grosvenor in 2019 - Coordination required. 3 Alley located west of school.						

<b>ALLEY PACKAGE - 19-RL-03</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Lane Bounded By</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-RL-03	833-2018.8	Telfer St S/Portage Av/Wolseley Av/Clifton St	Concrete Reconstruction		\$428,035	\$611,478
19-RL-03	833-2018.8	Ellice Av/Toronto St/Victor St/St. Matthews Av	Concrete Reconstruction		\$434,111	\$620,158
19-RL-03	833-2018.8	Sherbrook St/Ellice Av/Portage Av/Furby St	Concrete Reconstruction		\$692,526	\$989,323
19-RL-03	833-2018.8	St. Matthews Av/Dominion St/Garfield St N/Wolever Av	Concrete Reconstruction	1	\$440,871	\$629,816
19-RL-03	833-2018.8	Sargent Av/Sherburn St/Ingersoll St/Ellice Av	Concrete Reconstruction	2,3	\$462,647	\$660,924
<b>ALLEY PACKAGE - 19-RL-03</b>					<b>Total Project Package Budget</b>	<b>\$3,511,699</b>
<b>Additional Information:</b> <i>General* Assume 1 construction Bid Opportunity with 60 working days to Substantial Performance for this package</i> 1 Watermain Renewal proposed on Dominion in 2019 - Coordination required. 2 Possible Watermain Renewal on Sargent - Coordination may be required. 3 W&W proposed liner on Ellice in 2019 - Coordination required.						

<b>GRANULAR ROAD RENEWAL PACKAGE - 19-R-06</b>						
<b>File No.</b>	<b>Package No.</b>	<b>Location</b>	<b>Treatment</b>	<b>Notes</b>	<b>Const. Est.</b>	<b>Project Est.</b>
19-R-06	833-2018.9	Waverley St - Grandmont Bv to City Limit	Granular Reconstruction	1	\$1,950,000	\$3,000,000
<b>GRANULAR ROAD RENEWAL PACKAGE - 19-R-06</b>					<b>Total Project Package Budget</b>	<b>\$3,000,000</b>
<b>Additional Information:</b> <i>General Assume 1 construction Bid Opportunity with 70 working days to Substantial Performance for this package</i> 1 Includes chip seal surface and ditch regrading.						