

From: Richard Holborn
Director, Engineering Services

Subject: Asphalt Resurfacing on Various City Streets
- Tender No. T2023-1
- File: A-1440

Recommendation:

1. That Tender No. T2023-1 for Asphalt Resurfacing on Various City Streets as submitted by Viola Management Inc. in the total tendered amount of \$3,296,229.21 (HST included) be accepted;
 2. That Council authorize the consulting and professional services of GHD Ltd. for both Geotechnical Investigation Reports and Materials Testing Services as required, based on unit rates submitted, at an estimated cost of \$155,414.55 (HST included) in accordance with Purchasing Policy Item 10.03 (c);
 3. That the total gross project cost of \$3,850,016.00 (HST included), including the tendered amount, material testing, a contingency and other associated costs, and the total net project cost of \$3,467,059.00 (net of HST rebate) be approved;
 4. That Council authorize the Director, Finance & Treasurer to finance the total net project cost of \$3,467,059.00 as approved in the 2023 Roads Capital Budgets to be funded by a transfer from the Federal Gas Tax Reserve Fund; and
 5. That the appropriate officials of the City of Pickering be authorized to take the necessary actions as indicated in this report.
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Executive Summary: As part of the 2023 Roads Projects Capital Budget, asphalt resurfacing for the following 13 locations were approved as construction projects:

- Alder Court
- Chapeau Drive
- Vistula Drive
- Chiron Crescent
- Dellbrook Avenue
- St. Martins Drive
- Linwood Street
- Eyer Drive
- Heathside Crescent
- Victoria Street
- Listowell Crescent
- Jomar Avenue
- Stonehurst Road

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As part of the 2016 Road Needs Study endorsed by Council through Report ENG 25-17 (Council Resolution #374/17), these streets have been identified and recommended for resurfacing improvements. The 2016 Road Needs Study is used by staff as a resource document for identifying and planning maintenance, rehabilitation and reconstruction strategies, programs and projects for all Pickering roads. The roads selected for asphalt resurfacing in 2023 align with the priorities of the 2016 Road Needs Study.

Tender No. T2023-1 was issued on Wednesday, February 8, 2023 with a tender closing date of Thursday, March 16, 2023. Six companies have submitted a bid for this project. The low bid of \$3,296,229.21 (HST included) submitted by Viola Management Inc. is recommended for approval. The total gross project cost is estimated at \$3,850,016.00 (HST included) with an estimated total net project cost of \$3,467,059.00 (net of HST rebate).

Financial Implications:

1. Tender Amount

Tender No. T2023-1	\$2,917,017.00
HST (13%)	<u>379,212.21</u>
Total	<u>\$3,296,229.21</u>

2. Estimated Project Costing Summary

Tender No. T2023-1 – Tender for Asphalt Resurfacing on Various City Streets	\$2,917,017.00
Associated Costs	
Geotechnical Investigation Reports	46,650.00
Materials Testing Services	90,885.00
Federal Gas Tax Sponsor Signage	2,500.00
Construction Contingency (12%)	<u>350,042.00</u>
Sub Total – Costs	\$3,407,094.00
HST (13%)	<u>442,922.00</u>
Total Gross Project Cost	<u>\$3,850,016.00</u>
HST Rebate (11.24%)	<u>(382,957.00)</u>
Total Net Project Cost	<u>\$3,467,059.00</u>

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3. Approved Source of Funds

Location	Expense Code	Source of Funds	Budget	Required
Alder Court	C10570.2301.01-504400	Federal Gas Tax	\$115,000.00	\$113,837.00
Chapleau Drive	C10570.2302.01-504400	Federal Gas Tax	330,000.00	282,354.00
Vistula Drive	C10570.2304.01-504400	Federal Gas Tax	440,000.00	423,166.00
Chiron Crescent	C10570.2308.01-504400	Federal Gas Tax	390,000.00	374,733.00
Dellbrook Avenue	C10570.2309.01-504400	Federal Gas Tax	590,000.00	543,900.00
St. Martins Drive	C10570.2310.01-504400	Federal Gas Tax	230,000.00	228,910.00
Linwood Street	C10570.2311.01-504400	Federal Gas Tax	265,000.00	253,936.00
Eyer Drive	C10570.2312.01-504400	Federal Gas Tax	305,000.00	284,901.00
Heathside Crescent	C10570.2313.01-504400	Federal Gas Tax	330,000.00	311,571.00
Victoria Street	C10570.2314.01-504400	Federal Gas Tax	80,000.00	88,684.00
Listowell Crescent	C10570.2315.01-504400	Federal Gas Tax	390,000.00	361,583.00
Jomar Avenue	C10570.2316.01-504400	Federal Gas Tax	105,000.00	111,470.00
Stonehurst Road	C10570.2317.01-504400	Federal Gas Tax	<u>85,000.00</u>	<u>88,014.00</u>
			<u>\$3,655,000.00</u>	<u>\$3,467,059.00</u>

Net project cost (over) under approved funds	\$187,941.00
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Discussion: As part of the 2023 Roads Projects Capital Budget, asphalt resurfacing for the following locations were approved as construction projects:

- Alder Court – from Strouds Lane to South Terminus;
- Chapleau Drive – from Haller Avenue to Douglas Avenue;
- Vistula Drive – from West Shore Boulevard to 500m east of West Shore Boulevard;
- Chiron Crescent – from Amberlea Road to Amberlea Road;
- Dellbrook Avenue – from Meriadoc Drive to Brock Road (RR #1);
- St. Martins Drive – from Radom Street to Bayly Street (RR #22);
- Linwood Street – from Liverpool Road to Bridle Path Crescent (west end);
- Eyer Drive – from 70m south of Edge Lane to Hillcrest Road;
- Heathside Crescent – from Longbow Drive (east end) to 320m south of Longbow Drive;
- Victoria Street – from Central Street (RR #5) to Wellington Street;
- Listowell Crescent – from Storrington Street to Glenanna Road;
- Jomar Avenue – from west terminus to east terminus; and,
- Stonehurst Road – from Jomar Avenue to Third Concession Road.

These streets are indicated in the 2016 Road Needs Study as priority streets for asphalt resurfacing.

Tender No. T2023-1 was issued on Wednesday, February 8, 2023 with a tender closing date of Thursday, March 16, 2023. Six (6) companies submitted a bid for this project. The low bid of \$3,296,229.21 (HST included) submitted by Viola Management Inc. is recommended for approval. The total gross project cost is estimated at \$3,850,016.00 (HST included) with an estimated total net project cost of \$3,467,059.00 (net of HST rebate).

Engineering Services invites material testing companies to provide unit rates for both Geotechnical Investigation Reports and Materials Testing Services, which the City uses on various capital projects throughout the year. Based on the unit rates submitted by GHD Ltd., their fees estimated for this project are \$155,414.55 (HST included). Further, in accordance with Purchasing Policy Item 10.03 (c), where written proposals are obtained by the Director without going through a competitive process, and funds are available in the approved Budget:

- (c) an award above \$50,000 is subject to the additional approval of Council. The initiating Director shall submit the Report to Council to obtain approval.

The Waste Management Plan submitted by Viola Management Inc. has been reviewed and is deemed acceptable by the Manager, Capital Projects & Infrastructure. The City's Health & Safety Policy form and current Certificate of Clearance issued by the Workplace Safety & Insurance Board have been submitted by Viola Management. The Certificate of Insurance has been reviewed by the Division Head, Finance, and is deemed acceptable. Viola Management Inc. has successfully completed both Tender No. T2021-1, Asphalt Resurfacing and Tender No. T2022-4, Asphalt Resurfacing contracts previously for the City. Staff have deemed the company's experience and professionalism to be acceptable.

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Upon careful examination of all tenders received, the Engineering Services Department recommends acceptance of the low bid submitted by Viola Management Inc. for Tender No. T2023-1 in the amount of \$3,296,229.21 (HST included), and that the total net project cost of \$3,467,059.00 (net of HST rebate) be approved.

Due to the ongoing concerns and new business practices related to the COVID-19, Engineering Services and Corporate Services staff will work with Viola Management Inc., to ensure that proper procedures and protocols are in place to provide a safe work environment for Pickering residents, the contractor, sub-contractors, and City staff. These protective measures have now become standard practice.

Attachment:

1. Location Maps

Prepared By:

Original signed by:

David Lo, CPT, CET
Senior Coordinator, Infrastructure Design

Original signed by:

Viraj Patel, EIT
Inspector, Capital Projects

Original signed by:

Scott Booker
Manager, Capital Projects & Infrastructure

Original signed by:

Cathy Bazinet
Manager, Procurement

SB:mjh

Approved/Endorsed By:

Original signed by:

Richard Holborn, P. Eng.
Director, Engineering Services

Original signed by:

Stan Karwowski, MBA, CPA, CMA
Director, Finance & Treasurer

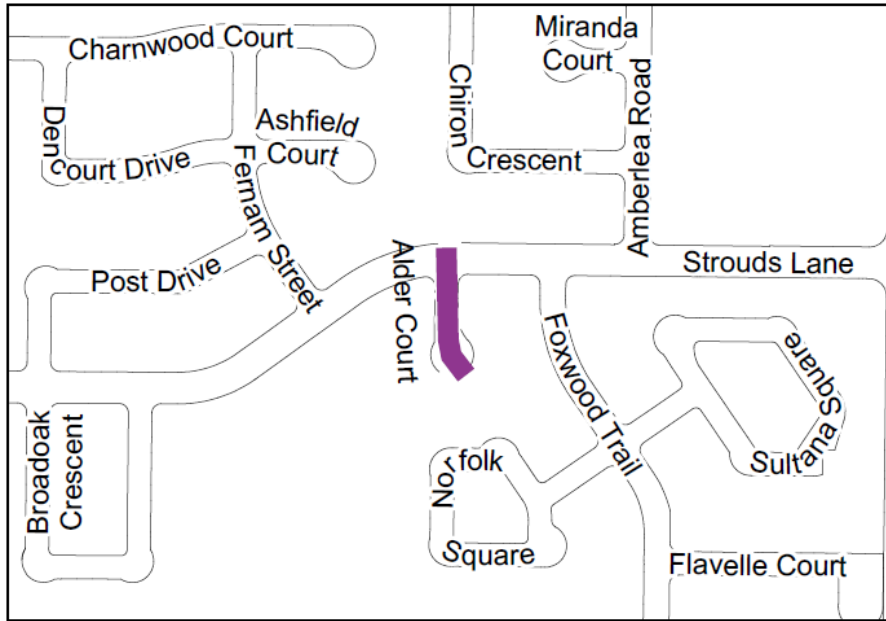
Subject: Asphalt Resurfacing on Various City Streets
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Recommended for the consideration
of Pickering City Council

Original signed by:

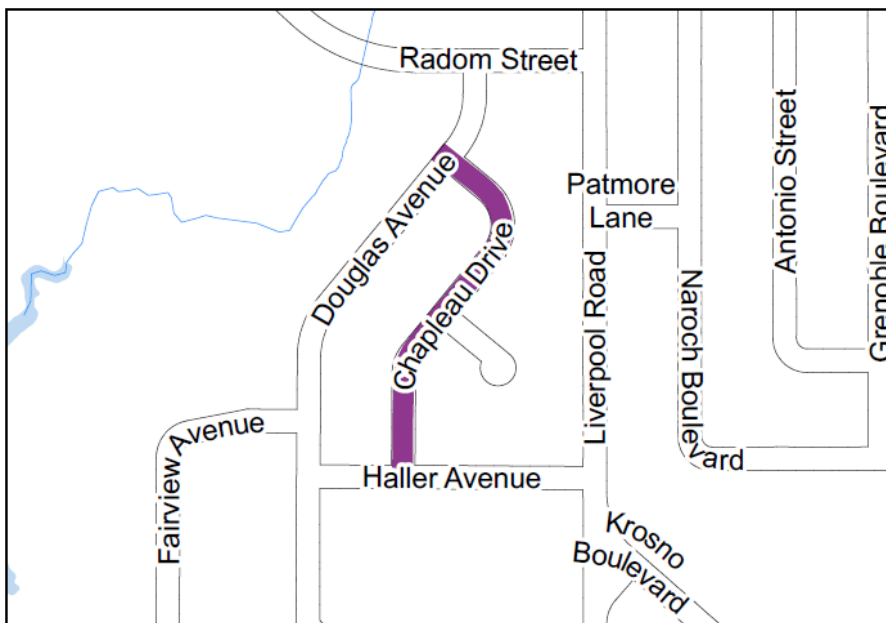
Marisa Carpino, M.A.
Chief Administrative Officer

Location Maps



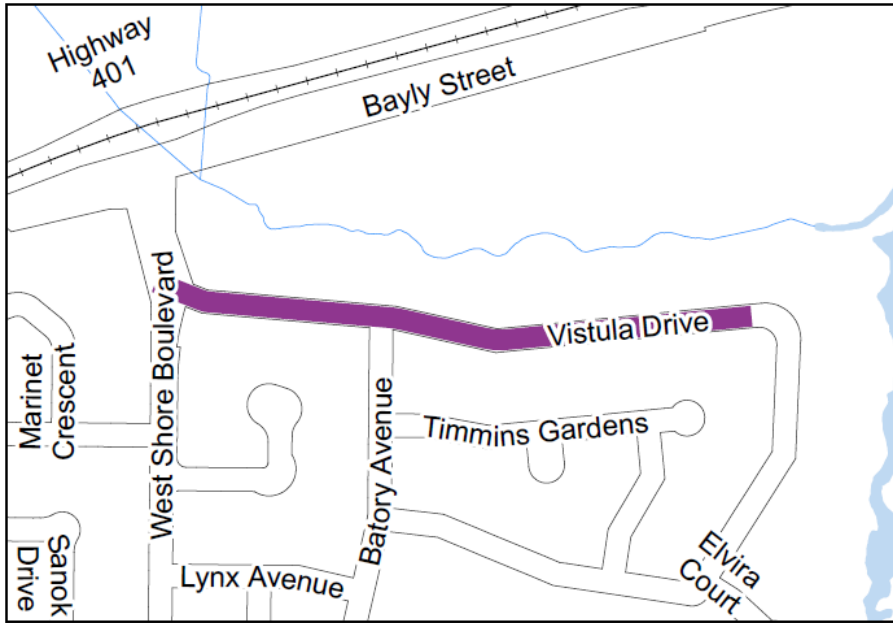
Project Area No. 1 – Alder Court

Alder Court – from Strouds Lane to South Terminus. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



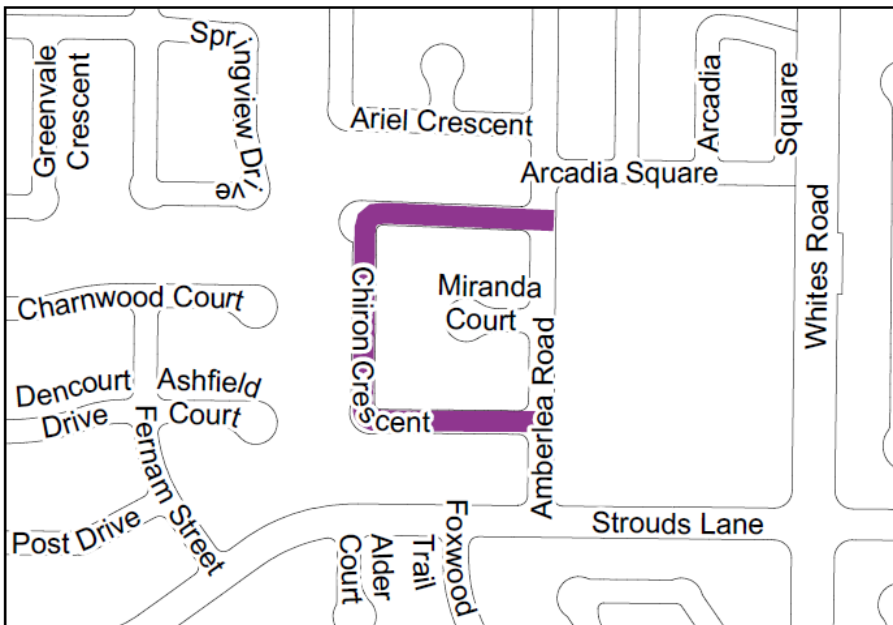
Project Area No. 2 – Chapleau Drive

Chapleau Drive – from Haller Avenue to Douglas Avenue. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters that are deficient shall be removed and replaced as required.



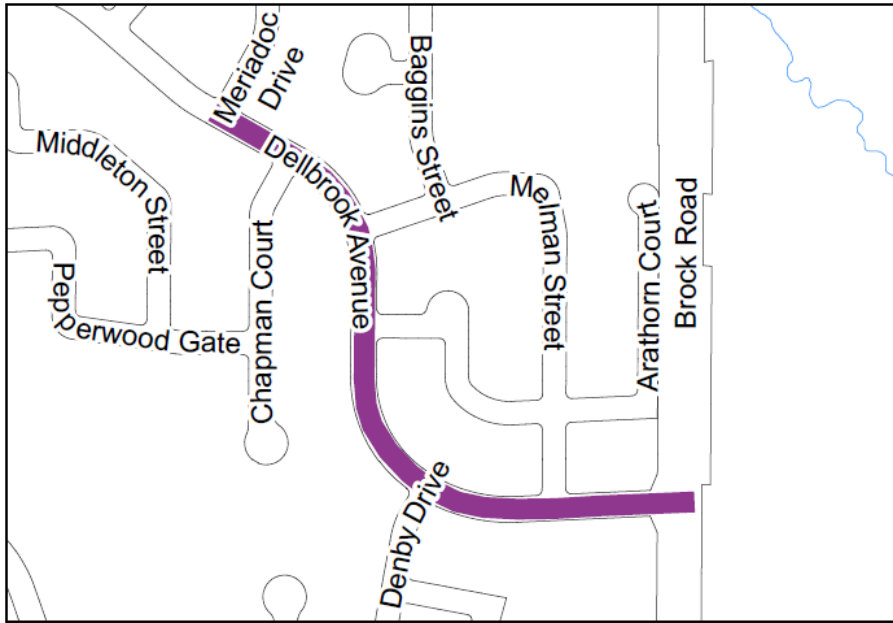
Project Area No. 3 – Vistula Drive

Vistula Drive – from West Shore Boulevard to 500m east of West Shore Boulevard. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



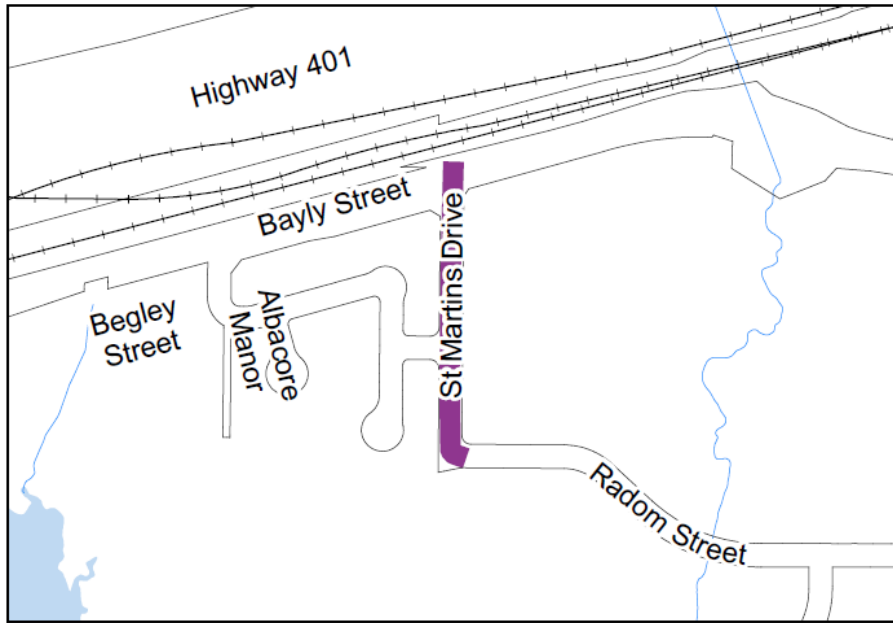
Project Area No. 4 – Chiron Crescent

Chiron Crescent – from Amberlea Road to Amberlea Road. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



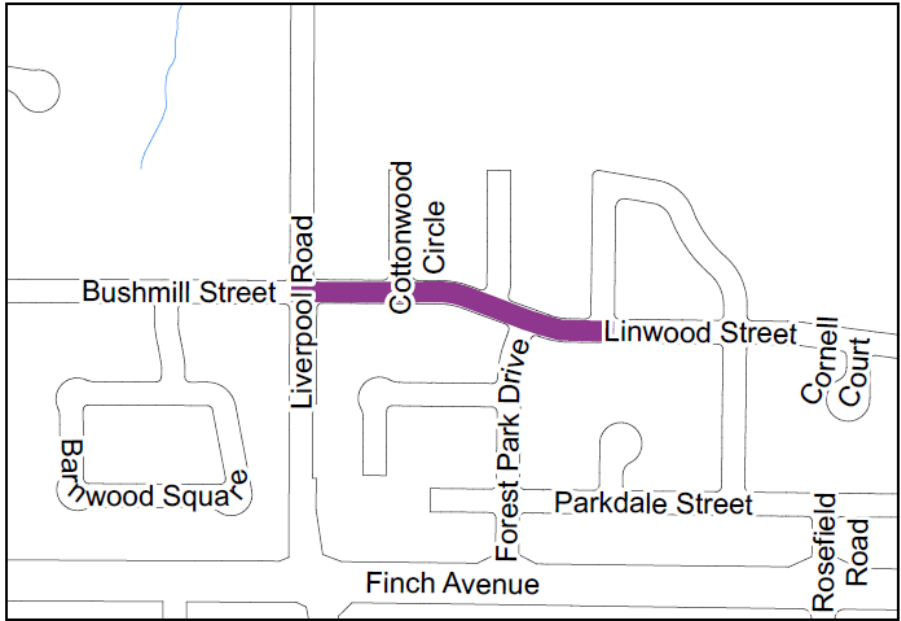
Project Area No. 5 – Dellbrook Avenue

Dellbrook Avenue – from Meriadoc Drive to Brock Road (RR#1). The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



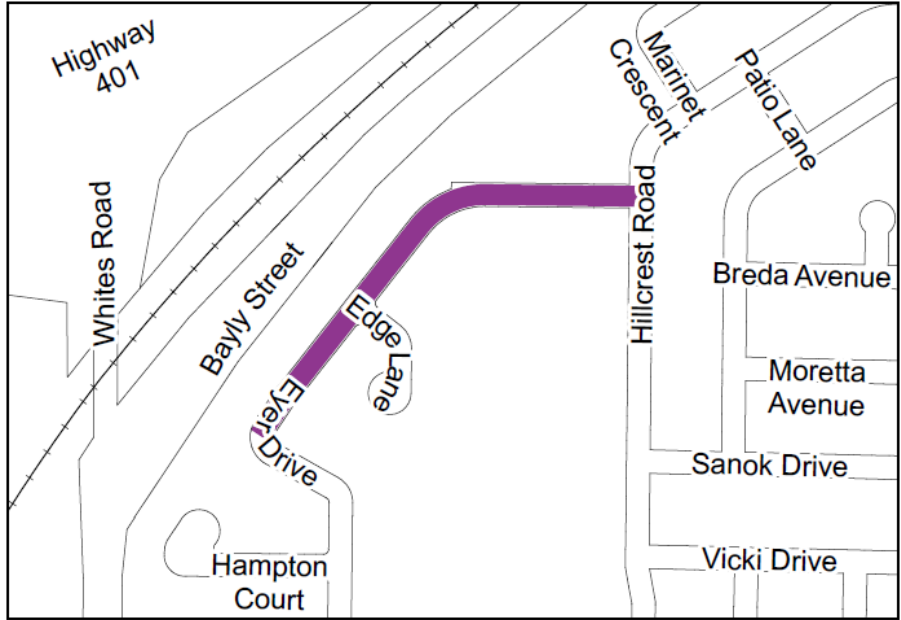
Project Area No. 6 – St. Martins Drive

St. Martins Drive – from Radom Street to Bayly Street (RR#22). The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



Project Area No. 7 – Linwood Street

Linwood Street – from Liverpool Road to Bridle Path Crescent (west end). The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



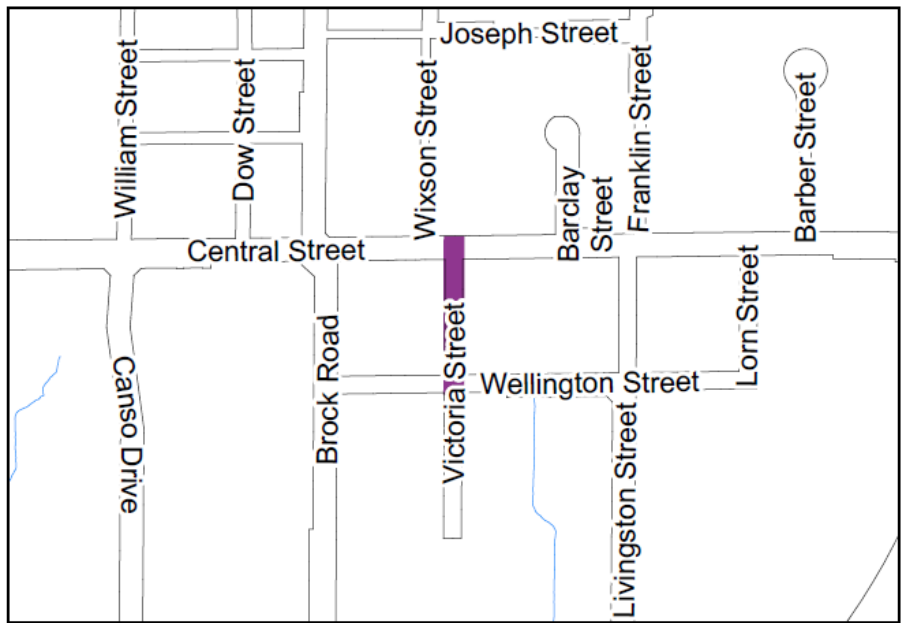
Project Area No. 8 – Eyer Drive

Eyer Drive – from 70m south of Edge Lane to Hillcrest Road. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



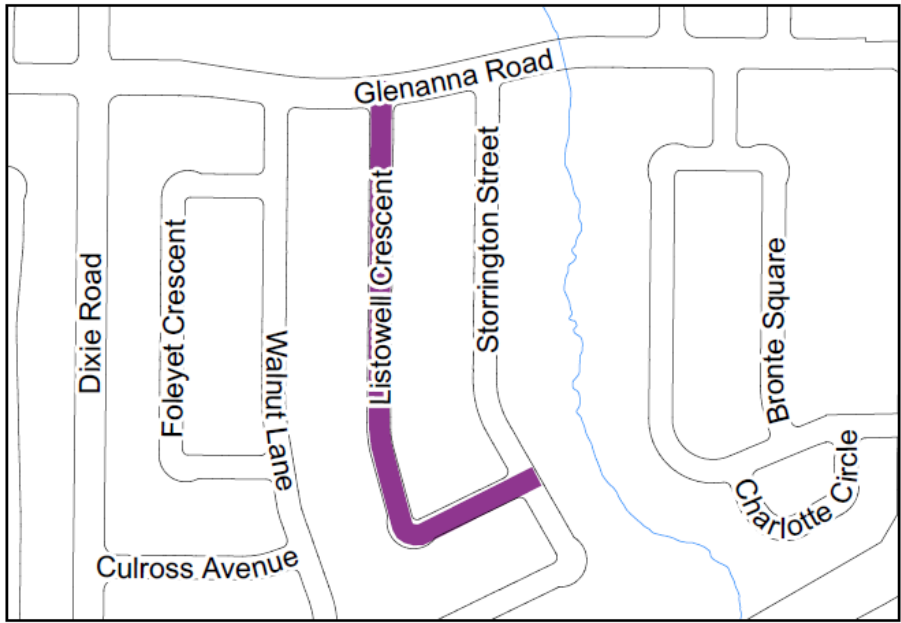
Project Area No. 9 – Heathside Crescent

Heathside Crescent – from Longbow Drive (east end) to 320m south of Longbow Drive. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



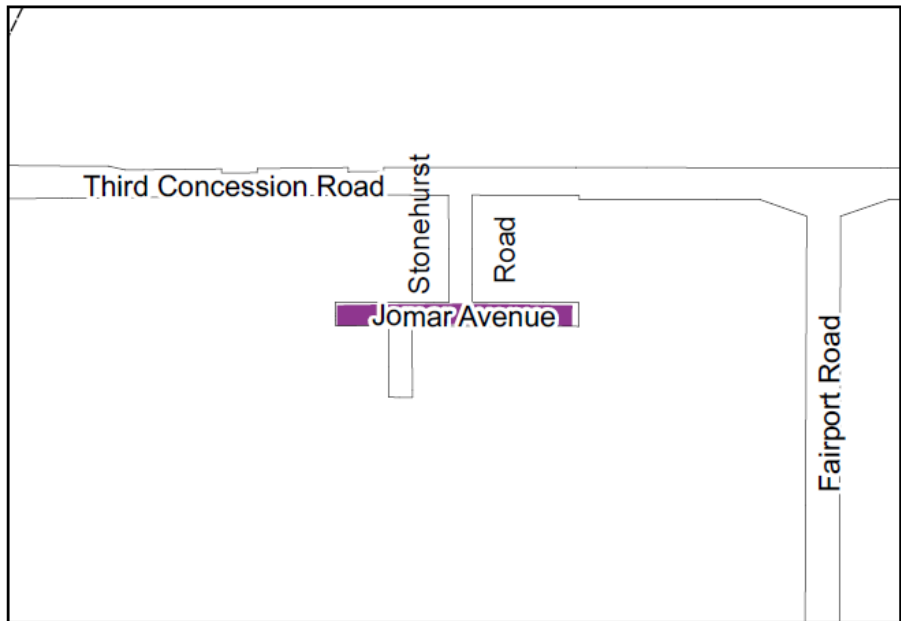
Project Area No. 10 – Victoria Street

Victoria Street – from Central Street to Wellington Street. The proposed work includes asphalt resurfacing.



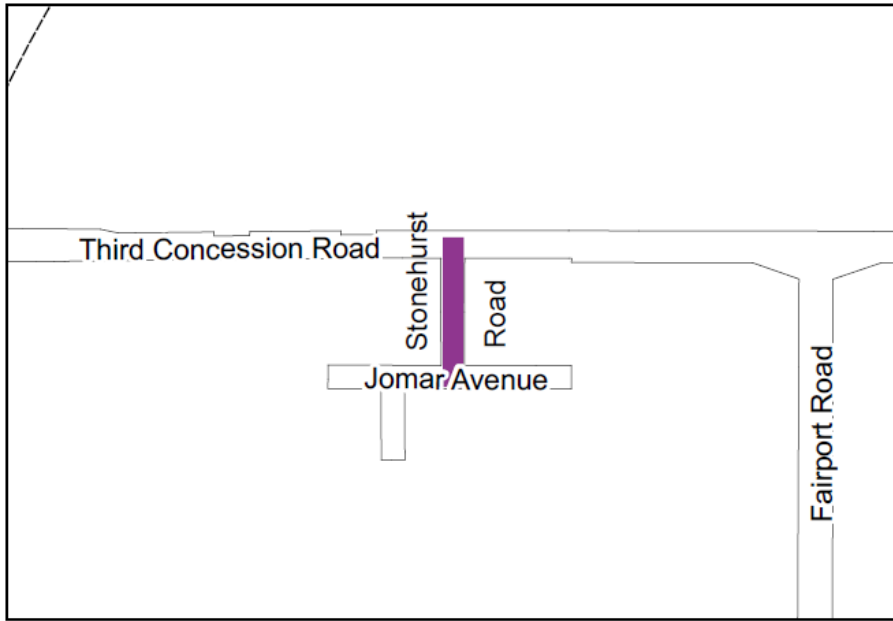
Project Area No. 11 – Listowell Crescent

Listowell Crescent – from Storrington Street to Glenanna Road. The proposed work includes asphalt resurfacing. Existing concrete curbs and gutters and sidewalks that are deficient shall be removed and replaced as required.



Project Area No. 12 – Jomar Avenue

Jomar Avenue – from west terminus to east terminus. The proposed work includes asphalt resurfacing.



Project Area No. 13 – Stonehurst Road

Stonehurst Road – from Jomar Avenue to Third Concession Road. The proposed work includes asphalt resurfacing.