



## **REPORT**

**REPORT TO:** Mayor Bonnette and Members of Council

**REPORT FROM:** Teri Hoey, Supervisor of Construction

**DATE:** March 26, 2021

**REPORT NO.:** TPW-2021-0002

**RE:** Award for Tenders for 2021 Pavement Management and Collector Arterial Programs, Parts A, B and C

### **RECOMMENDATION:**

THAT Report No. TPW-2021-0002, dated March 26, 2021, regarding Award for Tenders for 2021 Pavement Management and Collector Arterial Programs, Parts A, B, and C, be received;

AND FURTHER THAT Associated Paving & Materials Limited, 5365 Munro Court, Burlington, Ontario, L7L 5M7, be awarded Tender No. T-012-21, 2021 Pavement Management and Collector Arterial Program, Part A, at a total amount of \$688,246.50 (plus applicable taxes);

AND FURTHER THAT Wyndale Paving Co. Ltd., 24 Cadetta Road, Brampton, Ontario, L6P 0X4, be awarded Tender No. T-013-21, 2021, Pavement Management and Collector Arterial Program, Part B, at a total amount of \$908,621.40 (plus applicable taxes);

AND FURTHER THAT Associated Paving & Materials Limited, 5365 Munro Court, Burlington, Ontario, L7L 5M7, be awarded Tender No. T-015-21, 2021 Pavement Management and Collector Arterial Program, Part C, at a total amount of \$929,260.50 (plus applicable taxes);

AND FURTHER THAT Council authorizes the Mayor and Clerk to execute the necessary contract documents for the project.

### **BACKGROUND:**

Due to the quantity of the work, the 2021 Pavement Management and Collector Arterial Program has been tendered as three separate contracts each combining local, collector, and arterial roads. All three contracts are scheduled to be completed in 2021 as well as, start in the multiple locations simultaneously.

The Pavement Management Program repairs and rehabilitates local roads that have exceeded their expected life and have been identified as deficient. The program will include an increased emphasis on proactive rehabilitation to extend the useful life of local roads and reduce long-term capital expenditures. The 2021 Pavement Management Program is comprised of minor reconstructions, road resurfacing, curb replacement or repairs, minor storm sewer repairs, and associated restoration.

Staff's Council Report No. INF-2014-0014, Collector and Arterial Roads Rehabilitation Needs, provided Council recommendation for staff to review, identify, and recommend a financial work program to address the deficient Arterial and Collector Roads. Also, the Town's Corporate Services Department staff has presented an Asset Management Plan (Council Report No. CS-2014-0010) to Council outlining how staff is managing our assets with a recommendation that complements the local Pavement Management Program with a preventative maintenance program to address other functional classes.

The Collector Arterial Asphalt Resurfacing Program will commence in 2021 and will occur on a bi-annual basis. The Collector Arterial Asphalt Resurfacing Program repairs and rehabilitates collector and arterial roads that have exceeded their expected life and have been identified as deficient. This year's program is comprised of road resurfacing, curb repairs, minor storm sewer repairs, and associated restoration.

The Collector Arterial Roads forming a portion of this year's contracts include, in Tender No. T-012-21, Part A, 15 Side Road, in Tender No. T-013-21, Part B, Sinclair Avenue, and in Tender No. T-015-21, 22 Side Road (Hwy 25 to Third Line).

Through the Halton Hills Active Transportation Master Plan, Sinclair Avenue was recommended to include a separated active transportation facility. The addition of a multi-use path is proposed on the north side of Sinclair Avenue. This path supports the Town's Active Transportation initiatives and allows for safety of both pedestrians and cyclists along the corridor to a controlled crossing. Also proposed is the installation of new sidewalk on both sides of 15 Side Road in front of Stewarttown Middle School. This will provide additional pedestrian infrastructure and enhance the safety for pedestrians. On the north side of 15 Side Road in the westbound direction, a bike lane will be added between Chantelay Crescent and Trafalgar Road.

In 2020, Town staff completed the review for the implementation of traffic calming measures within the Churchill Road South neighbourhood. All necessary studies determined that the installation of traffic calming measures was warranted as per the criterion in the Town's Traffic Calming Implementation Protocol. As part of Pavement Management and Collector Arterial Program Part A, three (3) speed humps will be installed on Churchill Road South between Orville Road and Rachlin Drive, one (1) on Tanners Drive between Kingsley Road and Sprowl Street, and one (1) on Sprowl Street between Rachlin Drive and Salmon Way.

Starting in 2020, Town staff has incorporated major asphalt patching repairs into the Pavement Management tender to address immediate rehabilitation requirements in localized areas. The focus of the asphalt maintenance program within Public Works is on pothole repairs and minor asphalt patching, but not major rehabilitation needs (e.g., areas requiring more substantial milling and paving). This practice continues this year within the Part A, Pavement Management Program to provide needed repairs at several locations not included within our immediate capital forecast but are experiencing significant asphalt failure/degradation. Exact locations will be determined in consultation with Public Works staff. Future localized repair/rehabilitation works will be considered as part of the 2022 Budget process.

Refer to Attachments A through E showing the roads involved in the programs.

**COMMENTS:**

**2021 Pavement Management and Collector Arterial Program, Part A**

Staff issued Tender No. T-012-21 for the 2021 Pavement Management and Collector Arterial Program, Part A on February 9, 2021. Bids were posted on the Town's website and advertised on the bids and tenders website. A total of nineteen (19) firms downloaded the bid documents and ten (10) bids were received. The tenders closed on March 2, 2021. Bids were received as follows:

<b>Contractor</b>	<b>Subtotal</b>	<b>HST</b>	<b>Total</b>
Associated Paving & Materials LTD	\$688,246.50	\$89,472.05	\$777,718.55
Pacific Paving Limited	\$707,682.14	\$91,998.68	\$799,680.82
Gazzola Paving Limited	\$836,429.51	\$108,735.84	\$945,165.35
C. Valley Paving Ltd	\$845,415.56	\$109,904.02	\$955,319.58
Wyndale Paving Co. Ltd	\$847,417.60	\$110,164.29	\$957,581.89
Ashland Construction Group Ltd.	\$1,087,298.59	\$141,348.82	\$1,228,647.41
PAVE-AL LIMITED	\$1,123,542.16	\$146,060.48	\$1,269,602.64
IPAC Paving Limited	\$1,128,028.34	\$146,643.68	\$1,274,672.02
Serve Construction Ltd	\$1,369,718.51	\$178,063.41	\$1,547,781.92
Melrose Paving Co. Ltd.	\$1,623,594.27	\$211,067.25	\$1,834,661.52

The work under the 2021 Pavement Management and Collector Arterial Program, Part A, T-012-21, consists of the following streets:

Street	Ward	Road Span	Type of Work
15 Side Road	3	Regional Road 3 (Trafalgar Road) to 300m E of Trafalgar Road	Resurfacing
Eaton Street	4	Miller Drive to Barber Drive	Resurfacing
Hepburn Crescent	4	Argyll Road to Miller Drive	Resurfacing
Churchill Road	1	Tanners Drive to Rachlin Drive	Crown Repair and Traffic Calming

### **2021 Pavement Management and Collector Arterial Program, Part B**

Staff issued Tender No. T-013-21 for the 2021 Pavement Management and Collector Arterial Program, Part B on February 23, 2021. Bids were posted on the Town's website and advertised on the bids and tenders website. A total of twenty-three (23) firms downloaded the bid documents and eight (8) bids were received. The tenders closed on March 17, 2021. Bids were received as follows:

Contractor	Subtotal	HST	Total
Wyndale Paving Co. Ltd	\$908,621.40	\$118,120.78	\$1,026,742.18
Pacific Paving Limited	\$919,117.65	\$119,485.30	\$1,038,602.95
Forest Contractors Ltd.	\$1,083,641.20	\$140,873.36	\$1,224,514.56
Associated Paving & Materials LTD	\$1,086,097.60	\$141,192.69	\$1,227,290.29
Gazzola Paving Limited	\$1,088,272.60	\$141,475.44	\$1,229,748.04
Serve Construction Ltd.	\$1,305,750.50	\$169,747.58	\$1,475,498.08
PAVE-AL LIMITED	\$1,372,805.50	\$178,464.73	\$1,551,270.23
IPAC Paving Limited	\$1,388,498.85	\$180,504.85	\$1,569,003.70

The work under the 2021 Pavement Management and Collector Arterial Program, Part B, T-013-21, consists of the following streets:

<b>Street (Ward 3)</b>	<b>Road Span</b>	<b>Type of Work</b>
Bairstow Crescent	Prince Charles Drive to Prince Charles Drive	Reconstruction
Credit Street	Confederation Street to End	Minor Reconstruction
Morris Street	Chapel Street to End	Resurfacing
Rexway Drive	Sargent Road to Heslop Court	Resurfacing
Sinclair Avenue	Mountainview Road to Duncan Drive	Resurfacing

### **2021 Pavement Management and Collector Arterial Program, Part C**

Staff issued Tender No. T-015-21 for the 2021 Pavement Management and Collector Arterial Program, Part C on March 2, 2021. Bids were posted on the Town's website and advertised on the bids and tenders website. A total of twenty-two (22) firms downloaded the bid documents and eight (8) bids were received. The tenders closed on March 23, 2021. Bids were received as follows:

<b>Contractor</b>	<b>Subtotal</b>	<b>HST</b>	<b>Total</b>
Associated Paving & Materials LTD	\$929,260.50	\$120,803.87	\$1,050,064.37
Cox Construction Limited	\$939,232.10	\$122,100.18	\$1,061,332.28
Gazzola Paving Limited	\$973,190.00	\$126,514.70	\$1,099,704.70
Graham Bros. Construction Limited	\$1,089,543.01	\$141,640.59	\$1,231,183.60
Forest Contractors Ltd.	\$1,095,968.83	\$142,475.95	\$1,238,444.78
C. Valley Paving Ltd.	\$1,133,106.75	\$147,303.88	\$1,280,410.63
Pacific Paving Limited	\$1,152,537.75	\$150,829.91	\$1,303,367.66
PAVE-AL LIMITED	\$1,215,060.00	\$157,957.81	\$1,373,017.81

The work under the 2021 Pavement Management and Collector Arterial Program, Part C, T-015-21, consists of the following streets:

Street (Ward 2)	Road Span	Type of Work
22 Side Road	Regional Road 25 to Third Line (West Leg)	Resurfacing
22 Side Road	Third Line (West Leg) to 200mm East of Third Line (East Leg)	Resurfacing

**RELATIONSHIP TO STRATEGIC PLAN:**

The recommendations of this Report support the Strategic Plan priority areas of Transportation, Climate Change and Environment, Fiscal and Corporate Management and the focus areas of Traffic Safety, Resilient Infrastructure and Capital Assets and Liabilities Management.

**FINANCIAL IMPACT:**

The approved 2021 Pavement Management Program budget for construction is \$1,956,100.00, funded through the Base Capital Budget, Special Levy – Pavement Management (\$1,540,100.00) and the Transportation Infrastructure Reserve (\$416,000.00). Contribution is provided by the Region of Halton following completion of the watermain in 2019 on Morris Street (\$6,500.00).

As part of the Eden Oak Creditview Heights Development, a storm sewer was installed in 2019 on Credit Street, Glen Williams, and Condeland Engineering has contributed \$26,801.25 towards the required permanent asphalt restoration of Credit Street. The total bid amount from the three (3) bids for the Pavement Management portion is \$1,477,188.98 (including non-refundable HST); therefore, is under budget.

The following summarizes the estimated financial impact for Pavement Management, including non-refundable HST:

<b>Pavement Management 2021 Budget</b>	<b>\$1,956,100.00</b>
Condeland Engineering Contribution (Credit Street)	\$26,801.25
Region of Halton Contribution (Morris Street)	\$6,500.00
<b>Total</b>	<b>\$1,989,401.25</b>
<b>Less:</b>	
Tendered Amount, Part A	(\$442,768.27)
Tendered Amount, Part B	(\$635,200.69)
Tendered Amount, Part C	(\$399,220.02)
CCTV of Storm Sewer	(\$35,000.00)
OT, Students, Material Testing	(\$120,000.00)
Contingency	(\$150,000.00)
<b>Anticipated Surplus</b>	<b>\$207,212.27</b>

Any unused portion of the Town budget for this project will be returned to the Transportation Infrastructure Reserve upon project completion.

The approved 2021 Collector Arterial Asphalt Resurfacing Program budget for construction is \$2,343,200.00, funded through the Ontario Community Infrastructure Fund (OCIF) (\$1,221,000.00), Canada Gas Tax (\$769,700.00) and the Capital Replacement Reserve (\$352,500.00). The total bid amount from the three (3) bids for the Collector Arterial Asphalt Resurfacing portion is \$1,093,399.28 (including non-refundable HST); therefore, is under budget.

The following summarizes the estimated financial impact for Collector Arterial Asphalt Resurfacing Program, including non-refundable HST:

<b>2021 Collector Arterial Asphalt Resurfacing Program Budget</b>	<b>\$2,343,200.00</b>
<b>Less:</b>	
Tendered Amount, Part A	(\$257,591.37)
Tendered Amount, Part B	(\$289,412.45)
Tendered Amount, Part C	(\$546,395.46)
CCTV of Storm Sewer	(\$20,000.00)
OT, Students, Material Testing	(\$60,000.00)
Contingency	(\$115,000.00)
<b>Anticipated Surplus</b>	<b>\$1,054,800.72</b>

Any unused portion of the Town budget for this project will be returned to the proper Reserve Account upon project completion.

The resurfacing of approximately 1.13km of 15 Side Road (300m east of Trafalgar Road to Main Street) was deferred from the 2021 Collector Arterial Asphalt Resurfacing Program to balance the overall program with staff resources. The estimated budget for the resurfacing of this section of 15 Side Road is approximately \$1.3M.

**CONSULTATION:**

The Senior Manager of Purchasing and Risk Management is in agreement with this recommendation.

The Town Treasurer and Director of Finance is in agreement with this recommendation.

The Director of Transportation is aware of the project.

**PUBLIC ENGAGEMENT:**

A Virtual Public Information Centre (VPIC) through the Let's Talk Halton Hills platform was live between January 25 and February 5, 2021.

The VPIC page was visited by six hundred and three (603) persons. Fifty (50) were provided information through clicking on a link, downloading a document, or viewing a map and twenty-three (23) engaged staff through a question. Eight (8) of the questions were project related and the remainder general inquiries.

Direct engagement with both Stewarttown Middle School and St. Francis of Assisi Catholic Elementary School was provided through emails regarding the details of the proposed works. Positive response was provided by both.

**SUSTAINABILITY IMPLICATIONS:**

The Town is committed to implementing our Community Sustainability Strategy, Imagine Halton Hills. Doing so will lead to a higher quality of life. The relationship between this report and the Strategy is summarized below:

The recommendation outlined in this report advances the Strategy's implementation.

The 2021 Pavement Management and Collector Arterial Programs support two pillars of sustainability by providing economic prosperity through infrastructure renewal and provides social well-being by providing relievable transportation. The alignment of this Report with the Community Sustainability Strategy is good.

**COMMUNICATIONS:**

Staff discussions with Associated Paving and Materials Limited and Wyndale Paving Co. Ltd will occur as to the scheduling and the Town's expectations toward customer service. Additional notices will be sent to residents prior to working on any roads. As per recent years, the Mayor will be invited to the initial start-up meetings. Town staff will



work closely with Associated Paving and Materials Limited and Wyndale Paving Co. Ltd to ensure the work is carried out in accordance with the contract document and with as little disruption to the local community and public traffic, as possible.

The Roads 2021 Information Package was provided to the Mayor and Members of Council by email on March 22, 2021. This package illustrates the 2021 works and includes the specific areas slated for road renewal, plans for notifying residents of the scheduled works, and customer service protocol. Notice of Construction letters will be hand-delivered or mailed to affected residents. Additional notices will be sent to residents informing of any delays in work.

Emergency services will be notified of any road closures.

**CONCLUSION:**

The bid documents submitted by Associated Paving and Materials Limited and Wyndale Paving Co. Ltd meets or exceeds our specifications in all regards. Staff recommends Council award Tender No. T-012-21, Part A to Associated Paving and Materials Limited, Council award Tender No. T-013-21, Part B to Wyndale Paving Co. Ltd, and Council award Tender No. T-015-21, Part C to Associated Paving and Materials Limited for the 2021 Pavement Management and Collector Arterial Programs.

Reviewed and Approved by,



Simone Gourlay, Senior Manager of Purchasing and Risk Management



Moya Jane Leighton, Director of Finance & Town Treasurer



Bill Andrews, Commissioner of Transportation and Public Works



Chris Mills, Acting Chief Administrative Officer