



**SUBJECT: Tender for Lakeshore Road resurfacing**

**TO: Committee of the Whole**

**FROM: Capital Works**

Report Number: CW-59-17

Wards Affected: 1

File Numbers: 570.02-800

Date to Committee: June 26, 2017

Date to Council: July 10, 2017

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**Recommendation:**

Approve the tender for Contract No.: CW-17-04, Lakeshore Road resurfacing – wastewater treatment plant to Eastport Drive, submitted by King Paving & Construction Company, a division of KPM Industries Ltd., 3385 Harvester Road, Burlington, ON L7R 3Y5; be accepted at a total price of \$713,066.16 (HST included); and

Direct the Mayor and City Clerk to sign related documents subject to the satisfaction of the City Solicitor; and;

Authorize the Manager of Procurement Services to issue a purchase order to King Paving & Construction Company, A division of KPM Industries Ltd.; and

Approve the total project cost of \$785,000; be charged to Capital Order RA0227 to be financed as follows:

Capital From Current	\$ 785,000
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Total Project Financing	\$ 785,000

**Purpose:**

A City that Moves

- Increased Transportation Flows and Connectivity
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## **Background and Discussion:**

The 2017 Capital Budget included funding for the reconstruction of Lakeshore Road from the Skyway Wastewater Treatment Plant to Eastport Drive. This project is the 3<sup>rd</sup> and final phase of the Lakeshore Road project. In 2015, the storm water outlet into Lake Ontario for Lakeshore Road was replaced. In 2016 Lakeshore Road from North Shore Boulevard to the Skyway Treatment Plant was reconstructed and raised in conjunction with the Joseph Brant Hospital Redevelopment. Other background information includes:

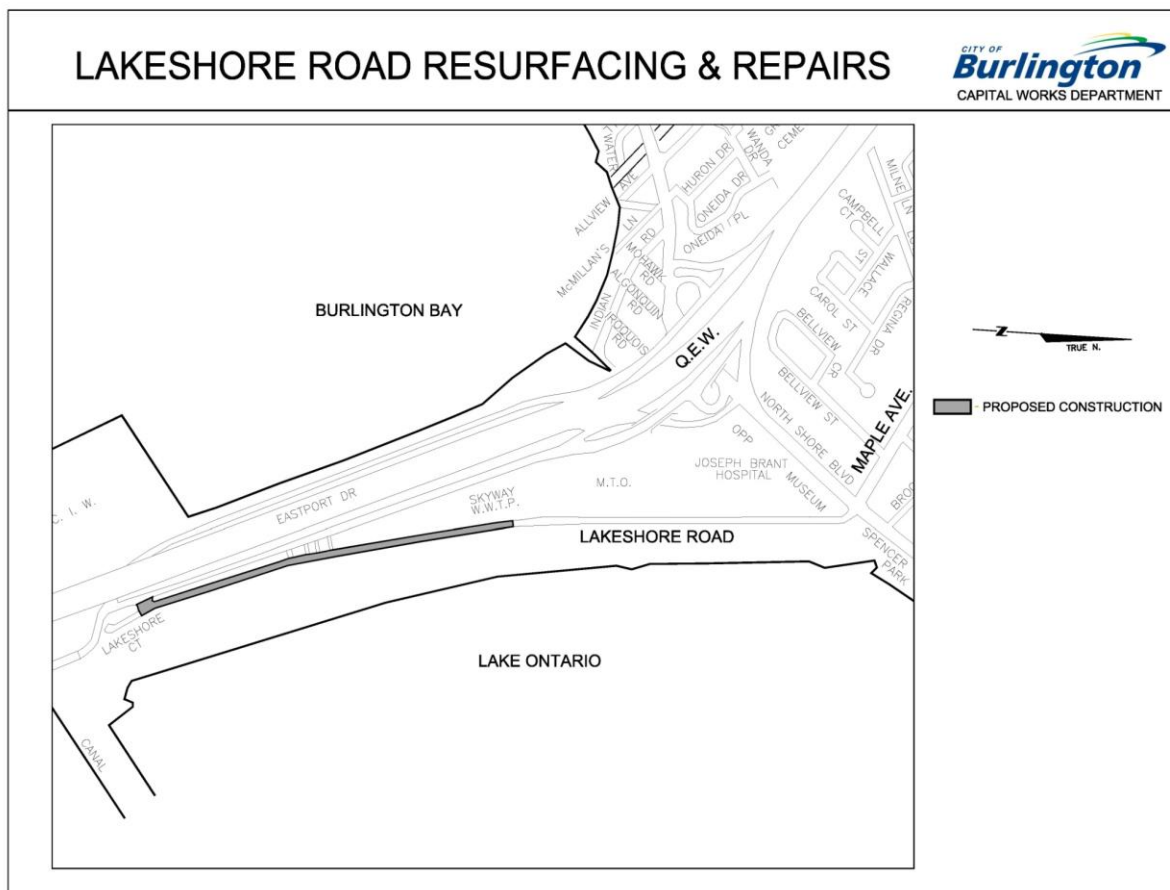
- The asphalt road surface has approached the end of its useful lifecycle.
- Lakeshore Road is identified in the Cycling Master Plan as a road with future bike lanes.
- The traffic data collected on Lakeshore Road support the removal of the center turn lane to accommodate bike lanes.
- In 2016 on-road bike lanes were introduced on Lakeshore Road, from Maple Avenue to the Skyway Wastewater Treatment Plant.
- The City has received complaints regarding cyclists speeding on the multi-pathway

## **Proposed Works:**

- Road Resurfacing
- Local sidewalk and curb repairs
- Restriping the road to remove the centre turn lane and include on road bike lanes

## **Project Location:**

The project location is identified in the project key plan included below.



## Options considered

Lakeshore Road is a candidate for full reconstruction. However, considering that change that will be coming to the area as part of the Region of Halton's Beachway Master Plan, the decision was made to resurface the road to extend the life of the roadway until such time as the Beachway Master Plan and associated road relocations can be implemented.

## Scope Change

During the initial budget process, the road was intended to be resurfaced. Transportation completed a review of the lanes, particularly the centre turn lane and determined that the centre turn lane was not warranted based on the analysis of the traffic data. In order to construct uninterrupted bike lanes throughout the project it was necessary to widen the road platform for approximately 275 metres, resulting in additional costs.

## Tender Process:

Staff completed a Request for Prequalification (RFPQ) for General Contractors (GC) for this project. Eight contractors met the prequalification requirements. From the RFPQ the following GC's were invited to submit tenders for this project.

- Capital Paving Inc.
- Coco Paving Inc.
- Dufferin Construction Company
- Fermar Paving Ltd.
- Gazzola Paving Limited
- Graham Bros. Construction Limited
- King Paving & Construction Company
- Rankin Construction Inc.

The tender closed on Wednesday May 24, 2017. The following table is a list of tenders received.

	Tender received from:	Bid (HST Included)
1	King Paving & Construction Company	\$ 713,066.16
2	Capital Paving	\$ 714,016.42
3	Gazzola Paving Limited	\$ 779,600.56
4	Dufferin Construction Company	\$ 808,130.12

**Recommended Contractor:**

City Staff are recommending King Paving & Construction Company be awarded this contract for the following reasons;

- A competitive Bid process has been utilized
- Recommended Bidder is the lowest compliant bidder

Furthermore, King Paving & Construction Company is a qualified contractor whose primary operations are road and sewer construction that has carried out similar projects both for the City and locally. Staff is of the opinion that King Paving & Construction Company is sufficiently staffed and equipped to carryout this work.

**Construction Schedule:**

The construction is scheduled to take place from July to mid September 2017.

## Road Closure / Lane Restrictions:

Lakeshore Road will remain open to local traffic. There will be ongoing lane restrictions and partial road closures in the area of construction.

## Financial Matters:

### Estimated Project Cost

The following table presents a summary of the estimated project costs:

<b>Lakeshore Road Resurfacing (capital order RA0227)</b>	<b>Project Budget</b>	<b>Project Estimate At Tender Award</b>
Contracted Construction	\$565,000	\$631,032
HST @ 1.76%	\$ 9,944	\$ 11,106
<b>Sub total</b>	<b>\$574,944</b>	<b>\$642,138</b>

Construction Contingencies	\$ 63,000	\$ 60,000
Asphalt cement adjustment (estimated)	Included above	\$ 20,000
<b>Sub total</b>	<b>\$ 63,000</b>	<b>\$ 80,000</b>

<b>Total Contracted Construction (A)</b>	<b>\$637,944</b>	<b>\$722,138</b>
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Internal Engineering Services - Design, Administration, Inspection	\$ 42,000	\$ 48,000
External Costs - Consulting, Testing, Advertising, and Miscl. Expenses	\$ 10,000	\$ 15,000
<b>Total Other Costs B</b>	<b>\$ 52,000</b>	<b>\$ 63,000</b>

<b>Total Project Cost A+B (rounded)</b>	<b>\$690,000</b>	<b>\$785,000</b>
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## Total Financial Impact

There is an increase in the project cost over the approved budget amount. This is mainly attributable the additional road widening and some higher than estimated unit prices.

The additional financing is available from the cost savings generated by Report CW-54-17 (DA-53-17) Malcolm Crescent Area Minor Reconstruction.

## Source of Funding

The following table presents a summary of the project funding:

<b>Lakeshore Road Resurfacing Capital Order RA0227</b>	<b>Project Funding As per Capital Budget</b>	<b>Project Funding At Tender Award</b>
Total Project Cost		

<b>Total Project Cost</b>	<b>\$690,000</b>	<b>\$785,000</b>
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2017 Capital Budget (RD-RA-808)		
Capital from Current	\$690,000	\$690,000
2017 Capital Budget (RD-RC-1551)		
Capital from Current (RL0291)	\$0	\$95,000
<b>Net Financing Requirement</b>		

## Public Engagement Matters:

A Public Information Centre's was hosted on May 4, 2017 to give area residents an opportunity to review the design and provide feedback. Notices of the PIC were delivered to areas residences as well as advertised in the Burlington Post.

A project web site has been created.

Upon award of this contract, letters will be delivered to affected homes and businesses prior to the beginning of construction. As construction progresses, project updates will be delivered to affected properties on a regular basis.

The project updates will be sent out via email to the property owners who signed in at the Public Information Centre. The project updates and associated road closure information will also be made available on the City's website.

**Conclusion:**

Staff are recommending that Capital Works Tender CW-17-04, Lakeshore Road Resurfacing, be awarded to King Paving & Construction Company.

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Respectfully submitted,

Jeff Thompson, CET

Project Manager, Design and Construction

905-335-7600 Ext'n 7669

**Report Approval:**

All reports are reviewed and/or approved by Department Director, Director of Finance and Director of Legal. Final approval is by the City Manager.