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| TO: | CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON APRIL 12, 2016 |
| FROM: | JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER |
| SUBJECT: | CONTRACT AWARD: TENDER NO. 16-32 ARTERIAL ROAD REHABILITATION PROJECT CONTRACT No. 1 |

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| RECOMMENDATION |
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That, on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the award of a contract for the 2016 Arterial Road Rehabilitation Project Contract No. 1:

- (a) the bid submitted by Coco Paving Inc. (London), at its submitted tendered price of \$5,857,000 (excluding H.S.T.), for said project **BE ACCEPTED**; it being noted that the bid submitted by Coco Paving Inc. (London) was the lowest of two (2) bids received and meets the City's specifications and requirements in all areas;
- (b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached hereto as Appendix A;
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) the approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract for the material to be supplied and the work to be done relating to this project (Tender 16-32); and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

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| 2015 - 19 STRATEGIC PLAN |
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The following report supports the Strategic Plan through the strategic focus area of *Building a Sustainable City* by addressing and managing the infrastructure gap. The improvements provided by this contract will improve mobility for cyclists, transit, automobile users and pedestrians.

BACKGROUND

Purpose

This report recommends the award of a tender related to the construction contract for the rehabilitation/resurfacing of major roads in the City of London.

DISCUSSION

The City of London is responsible for a transportation system that promotes the movement of goods and services and strengthens our economic growth. The road network provides mobility choices for residents and improve our quality of life. Good roads promote business, create employment, provide social opportunities, improve emergency response and create markets.

The City of London has a comprehensive pavement management system that monitors and renews roads in the most cost-effective manner and forms a part of the broader Corporate Asset Management Strategy. The annual Life Cycle program to repair and resurface main roads (arterial, primary collectors, expressways and freeways) ensures our roads remain safe and in good repair.

This is one of several contracts through which the major road network is renewed. The road rehabilitation program is being delivered through a series of contracts grouping similar works to increase competition. The first of these contracts was the resurfacing of the Veterans Memorial Parkway. A third 2016 main road network improvement contract is currently being prepared. Pavement renewal also occurs in a coordinated manner through the infrastructure renewal contracts which include water and sewer needs.

This 2016 Arterial Road Rehabilitation No. 1 contract includes the road segments listed below (and illustrated in maps in Appendix 'B'). The roadways will be undergoing pavement rehabilitation processes, such as asphalt mat replacement or mill & pave using funding from the approved 2016 Main Road Network Improvement budget with the exceptions noted:

| | <u>Location:</u> | <u>From / To:</u> |
|----|-----------------------|--|
| A. | Adelaide Street South | Osgoode Drive (north leg) to south limit of road |
| B. | Hamilton Road | Hydro Street to Giles Street |
| C. | Horton Street | Richmond Street to the Thames River South Branch |

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| D. | Oxford Street West / Wonderland Rd North | 200 m east of Wonderland Rd. N. to Wonderland Rd. N./ Oxford St. West to CP Rail Overpass |
| E. | Riverside Drive / Queens Avenue / Wharncliffe Road North Intersection | Thames River to Cavendish Street/ Riverside Drive to Kensington Avenue |
| F. | Quarrier Road | Traffic Calming Speed Cushion Reinstatement |

Notes:

- Additional funding of \$30,348.00 from the Cycling Facilities will be utilized towards the implementation of bike lanes along Adelaide Street South identified in Section A, and the reinstatement of the bike lane markings on Riverside Drive identified in Section E.
- London Hydro is abandoning 2 obsolete structures located on Hamilton Road (Section B). Funding of \$8,491.67 for this work will be provided from London Hydro.
- Upgrades to the sub-standard traffic calming on Quarrier Road (Section F) in the amount of \$73,199.45 will be funded from the Traffic Calming account.
- The existing traffic signal and street light infrastructure is being upgraded where possible in multiple locations throughout the contract. Funding for this work is being provided from Traffic Signal Maintenance accounts.

Traffic Management

An essential part of the project will be communication with residents and/or businesses along each road segment regarding schedule, duration, expected impacts, and to introduce key project members from the contractor and the City. In general, impacts on the community and through traffic will be short in duration.

Oxford Street West and Wonderland Road North within the limits of this contract allow for concrete repairs and maintenance hole adjustments to be completed during daytime hours. All paving related work is restricted to night work between 7:00 pm and 7:00 am.

Horton Street, between Wellington Street and Ridout Street will require two (2) weekend closures of eastbound traffic on Horton Street to facilitate the works required in the intersections of Horton/Richmond, Horton/Talbot and across the frontage of the Labatt Brewery. After discussions with Labatt, these closures have been planned to occur predominantly over weekends (Thursday 7:00 pm to Monday 7:00 am). Advance warning and detour routes will be established to redirect traffic onto nearby arterial roads.

Tender Summary

Tenders for the 2016 Arterial Road Rehabilitation Project - Contract No.1 (Tender 16-32) were opened on Wednesday, March 2, 2016. Two (2) contractors submitted tender prices as listed below (excluding H.S.T.).

| | CONTRACTOR | TENDER PRICE (SUBMITTED) | CORRECTED TENDER PRICE |
|----|-------------------------------|-------------------------------------|-----------------------------------|
| 1. | Coco Paving Inc. (London) | \$ 5,857,000.00 | --- |
| 2. | Dufferin Construction Company | \$ 6,122,893.30 | --- |

All tenders have been checked by the Environmental and Engineering Services Department, and no errors were found.

The tender estimate just prior to tender opening was \$7,726,000 (excluding H.S.T.).

These tenders are an indication of a very competitive environment, and it illustrates the benefit of tendering projects early in the construction season.

There are no anticipated additional annual operating costs to the Environmental and Engineering Services Department associated with the approval of this tender.

Contract design and preparation was undertaken by City staff. Contract administration and onsite inspection services will be provided by City staff, primarily from the Construction Administration Division.

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| CONCLUSION |
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Civic Administration have reviewed the tender bids and recommend Coco Paving Inc. (London) be awarded this 2016 Arterial Road Rehabilitation Project – Contract No. 1 in the amount of \$5,857,000 (excluding H.S.T.). Upon Council approval and contract award, staff will confirm a schedule with the contractor and initiate a communication program for the various construction locations.

Every effort is being made to ensure Londoners are aware of construction zones and traffic detours resulting from road work. Daily updates are provided through the City's website, www.london.ca/construction with information about road closures and ongoing and upcoming projects on city streets.

The social impact is being mitigated through coordination and communication. The specific communication strategies include:

- 2016 construction program media release;
- Social media (Facebook and Twitter); and
- Renew London website (project updates, daily email to media and emergency services);

Residents are encouraged to minimize their impact by:

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- Planning their commutes, using alternative routes;
- Utilize transit (www.ltconline.ca), car pool, ride your bike or walk; for assistance in finding a carpool, please visit www.londoncarpools.ca;
- Adjusting their travel times to avoid peak travel times.

Acknowledgements

This report was prepared with assistance from Jane Fullick, C.E.T., Technologist II, Karl Grabowski, P. Eng., Transportation Design Engineer, both of the Transportation Planning and Design Division.

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| PREPARED BY: | REVIEWED AND CONCURRED BY: |
| | |
| DOUG MACRAE, P.ENG. DIVISION MANAGER, TRANSPORTATION PLANNING & DESIGN | EDWARD SOLDI, P.ENG. DIRECTOR, ROADS AND TRANSPORTATION |
| RECOMMENDED BY: | |
| | |
| JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES & CITY ENGINEER | |

KG/jef

Attach: Appendix A – Source of Financing
Appendix B – Map of Locations

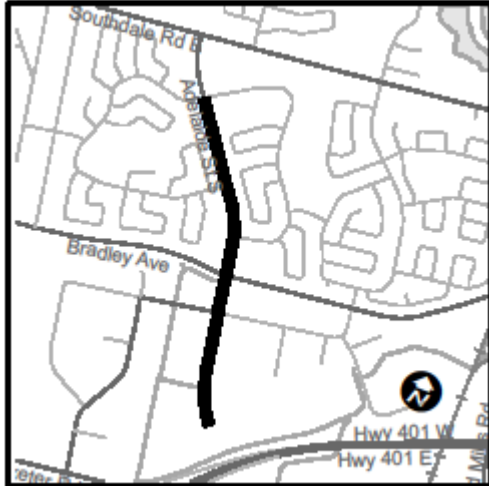
cc. Coco Paving Inc. (London), 1865 Clarke Road, London ON N5X 3Z6

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APPENDIX 'B'
LOCATION MAPS

Section A – Adelaide Street South



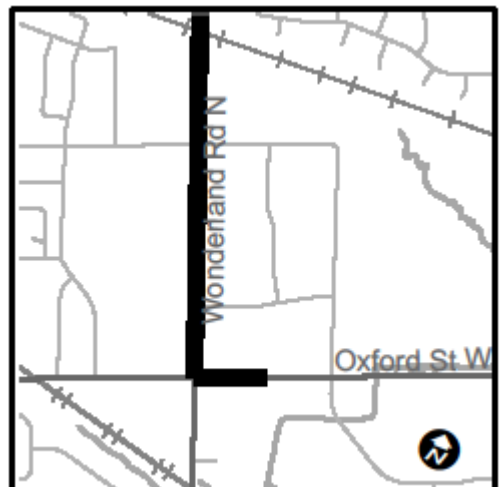
Section B – Hamilton Rd



Section C – Horton Street



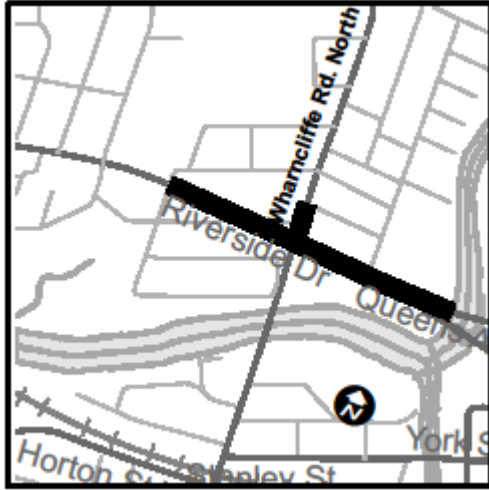
Section D – Oxford Street West & Wonderland Road North



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Section E
Queens Ave, Riverside Drive
& Wharnccliffe Rd



Section F – Quarrier Road

