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TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MAY 20, 2015
FROM:	JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES & CITY ENGINEER
SUBJECT:	CONTRACT AWARD: TENDER NO. 15-24 2015 ARTERIAL ROAD REHABILITATION CONTRACT #3

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services & City Engineer, the following actions **BE TAKEN** with respect to the award of the 2015 Arterial Road Rehabilitation Project Contract #3:

- (a) the bid submitted by Dufferin Construction Company, at its submitted tendered price of \$7,016,614.60 (excluding H.S.T.), for the 2015 Arterial Road Rehabilitation Project Contract #3, **BE ACCEPTED**, it being pointed out that the bid submitted by Dufferin Construction Company 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 Source 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 or issuing a purchase order for the material to be supplied and the work to be done relating to this project (Tender 15-24); and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

BACKGROUND

Purpose

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

The Arterial Road Rehabilitation program is a key component of the overall

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transportation infrastructure program. It supports the objectives identified in the Strategic Plan under Building a Sustainable City – Robust Infrastructure, by addressing and managing the infrastructure gap.

DISCUSSION

Contract Design

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 that 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 possible 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 that our roads remain safe and in good repair.

This 2015 Arterial Road Rehabilitation contract includes the road segments listed below. The roadways will be undergoing pavement rehabilitation processes of asphalt mat replacement or mill & pave the existing asphalt with overlay. The road rehabilitation contract also includes the implementation of other improvement such as new sidewalks and cycle lanes to improve the roads for all users as noted.

	<u>Location:</u>	<u>From / To:</u>
A.	Brydges Street	Douglas Court to Highbury Avenue
B.	Ridout St / Upper Queen St / Nixon Ave	Baseline Road to Southdale Road
C.	White Oak Road	Southdale Road to Exeter Road
D.	Meg Drive	Jalna Boulevard to Exeter Road
E.	Oxford Street West	Sanatorium Road to Commissioners Road West
F.	Ferndale Avenue	Nixon Avenue to Homeview Road

Project Descriptions:

- A. Project will address the poor pavement condition on Brydges Street and will incorporate cycle lanes. Brydges Street is subject to possible deferral due to unrelated potential contaminant investigations in the area.
- B. Project will extend the existing cycle lanes further south along Ridout Street, Upper Queen Street and Nixon Avenue to Southdale Road implementing an important north-south commuter cycle route.

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- C. In addition to improving the road condition, this work will respond to a pedestrian request to implement sidewalk on the east side of White Oak Road and will also introduce cycle lanes to improve the corridor for cyclists.
- D. Project will improve the poor road condition on Meg Drive, the entrance to the neighborhood.
- E. Project will improve traffic operations by extending the Oxford Street eastbound right-turn lane of the Sanatorium Road intersection. The work will also improve the cycling environment by demarking cycle lanes between Commissioners Road and Sanitorium Road.
- F. Ferndale Avenue will have road improvements with new asphalt, curbs, sidewalks along with drainage improvements and the introduction of a cycling facility.

Funding for the project is primarily through the Arterial Road Rehabilitation Program Account TS1446-15 with some work under the Annual Road Rehabilitation Program Account TS3014-15. Cycling lanes will be supported through the Bike Lane Program TS1739-15. Additional funding is being sourced from the Oxford Street West Widening Account TS1493 for the right turn lane improvement on Oxford Street. The existing traffic signal and street light infrastructure is being upgraded in multiple locations throughout the contract. Funding for this work is being provided from Traffic Signal Maintenance Accounts TS4067-15 & TS5320.

An essential part of the project will be communication with residents and/or businesses along each road segment regarding schedule, duration and expected impacts, and to introduce key project members from the contractor and the City. Ridout Street / Upper Queen Street / Nixon Street and Ferndale Avenue will be limited to local traffic only. The work will be staged to reduce impacts on the local community. LTC will be re-routed as necessary to better serve the community.

This is the last of three contracts through which the major road network is renewed and improved in 2015. Pavement renewal also occurs in a coordinated manner through the infrastructure renewal contracts that include water and sewer needs.

Tender Summary

Tenders for the 2015 Arterial Road Rehabilitation Project Contract #3 (Tender 15-24) were opened on Friday, April 17, 2015. Two (2) contractors submitted tender prices as listed below (exclusive of H.S.T.).

CONTRACTOR		TENDER PRICE (SUBMITTED)	CORRECTED TENDER PRICE
1.	Dufferin Construction Company	\$ 7,016,614.60	---
2.	Coco Paving Inc.	\$ 7,127,000.00	---

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

The estimate just prior to tender opening was \$7,200,000 (exclusive of H.S.T.) The estimate was based on values submitted in prior years.

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

CONCLUSION

Civic Administration has reviewed the tender bids and recommend that Dufferin Construction Company be awarded this 2015 Arterial Road Rehabilitation Project in the amount of \$7,016,614.60 (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.

Anticipated additional annual operating costs to budgets in 2016 and subsequent years associated with the additional White Oak Road sidewalk infrastructure is \$2,650.

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:

- 2015 construction program media release;
- Social media (Facebook and Twitter);
- Renew London website (project updates, daily email to media and emergency services); and,
- Advanced warning signs.

Residents are encouraged to minimize their impact by:

- 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.

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Acknowledgements:

This report was prepared with assistance from Nathan Gonsalves, Engineering Intern and Karl Grabowski, P. Eng., Transportation Design Engineer, both of the Transportation Planning and Design Division.

PREPARED BY:	REVIEWED 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	

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Attachment: Appendix 'A' – Source of Financing

cc: - P. Shack
 - Dufferin Construction Company, 2200 Jetstream Rd, PO Box 189, London, ON,
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