

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON AUGUST 25, 2014
FROM:	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL SERVICES AND CITY ENGINEER
SUBJECT:	SARNIA ROAD WIDENING WONDERLAND ROAD NORTH TO SLEIGHTHOLME AVENUE DETAILED DESIGN AND TENDERING APPOINTMENT OF CONSULTING ENGINEER

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental & Engineering Services and City Engineer, the following actions **BE TAKEN** with respect to the appointment of a consultant for the Sarnia Road Widening project:

- (a) Dillon Consulting Limited, **BE APPOINTED** Consulting Engineers for the detailed design and tendering of Sarnia Road project, in the amount of \$385,114.40 (excluding HST.), in accordance with Section 15.2 (e) of the City of London’s Procurement of Goods and Services Policy;
- (b) the financing for this project **BE APPROVED** in accordance with 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 approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the Consultant for the work; and,
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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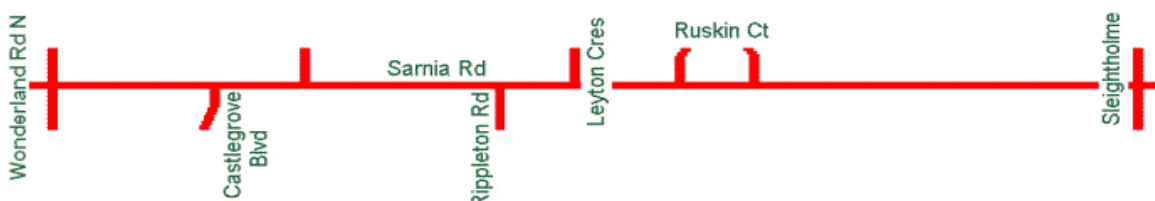
- Environment and Transportation Committee – June 22, 2009 – Appointment of Consulting Engineers; Class Environmental Assessments for Hyde Park Road, Sarnia Road, Sunningdale Road
- Built and Natural Environment Committee - May 2, 2011 – Additional Engineering Fees Class Environmental Assessment
- Civic Works Committee – April 22, 2013 – Sarnia Road Environmental Study Report, Notice of Completion

BACKGROUND

Purpose

This report seeks the approval of the Municipal Council to appoint an engineering consultant to proceed with the provision of engineering services for the detailed design and contract preparation for the widening of Sarnia Road from Wonderland Road North to Sleightholme Avenue as displayed in Figure 1.

Figure 1: Sarnia Road Widening Limits



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Context

Sarnia Road, an east-west arterial road in the northwest area of the City of London extends approximately 5 km, from Hyde Park Road in the west to Western University (Western Road) at the east limit. It is one of the primary access points from the west end of the City to the university as well as to the downtown. The City has experienced a significant amount of growth in the northwest end over the last several years, including in Hyde Park and along the Sarnia Road corridor, west of the CP Rail corridor.

An Environmental Assessment (EA) was completed in May 2013 which recommended the widening of Sarnia Road. The EA recommended widening Sarnia Road from 2 to 4 lanes with turn lanes, bicycle lanes and sidewalks in both directions, relocation of the Intersection Pedestrian Signal (IPS) east of Rippleton Road, upgrades to storm drainage, local sanitary improvements, upgrades to watermain and noise wall where warranted. Construction of this project is planned for 2016.

DISCUSSION

The Municipal Class Environmental Assessment was completed in 2013. Part 2 Orders were received during the public and agency review period which have since been denied by the Ministry of the Environment. The recommended alternative was the widening of the existing roadway from two to four lanes with on-road bicycle lanes and local turning lanes.

The widening of Sarnia Road will provide for the coordinated installation of infrastructure for traffic signals, illumination, sidewalks, landscaping, upgrades to storm drainage, local sanitary sewer upgrades, replacement of existing watermain and noise attenuation where warranted.

The primary deliverables from this assignment include field investigations, design, contract preparation, tendering and coordination of utility relocations. Particular focus areas for the assignment include:

- Detailed design of local sanitary sewer upgrades;
- Detailed design of a new watermain and replacement of the existing watermain;
- Detailed design of traffic signals and street lights;
- Detailed design of storm drainage system;
- Co-ordination with the geotechnical sub-consultant who will provide recommendations for subsurface design parameters for services and pavements;
- Continuing a high level of consultation with local stakeholders and agencies, including facilitation of a Public Information Centre; and,
- Property acquisition support for both the acquisitions and the consent-to-enter agreements for utility relocations, noise wall and retaining wall construction.

Consultant Selection

The City initiated a procurement process to retain a consultant to undertake Detailed Design and Tendering for the Sarnia Road Widening - from Wonderland Road North to Sleightholme Avenue.

As per the Procurement of Goods and Services Policy, a two-staged process for selection of the recommended consultant was undertaken. This included an open, publicly advertised pre-qualification stage (RFQUAL) followed by a Request for Proposal of the short-listed firms. An evaluation team reviewed the consultant submissions for the project.

Five submissions were received in response to the initial RFQUAL. The responses to the RFQUAL were used to select a short-list of firms that were asked to submit detailed proposals for the project. AGM, Stantec Consulting and Dillon Consulting were short-listed and asked to submit detailed proposals and a work plan. All three consultants submitted detailed proposals which were reviewed by the evaluation team.

Based on the evaluation criteria and selection process identified in the Request for Proposals, the evaluation committee concluded that the proposal from Dillon Consulting provides the best value to the City. Dillon's past proven experience on similar projects of this nature combined with a project proposal that demonstrated a thorough understanding of the goals and objectives demonstrated their suitability for the undertaking. Dillon completed the Environmental

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Assessment (EA) for the project and is familiar with City staff and procedures through recent work on similar projects.

Subject to successful completion of the design phase of this project, Dillon will be considered for the construction supervision stage. Future approval to proceed with subsequent phases of engineering services for this project will be subject to satisfying all financial, reporting and other conditions contained within the Procurement of Goods and Services Policy.

There are no anticipated additional operating costs in the Environmental and Engineering Services budget with approval of this engineering assignment. As the design progresses, future operational costs for the roadway, sewers and watermain will be identified.

CONCLUSION

Recommendation

Based on the technical evaluation of the proposals, it is recommended Dillon Consulting be awarded the consulting assignment for the detailed design and tendering of the Sarnia Road Widening from Wonderland Road North to Sleightholme Avenue, in the amount of \$385,114.40 (excluding HST). Dillon Consulting has shown a good understanding of the project and has the technical expertise to complete the assignment. The proposal represents good value for the City. With construction scheduled for 2016, it is necessary to commence the design and approvals phase of this project. Award of this consultant assignment will progress this project within the approved project budget.

Acknowledgements

This report was prepared by Ted Koza, P.Eng, Transportation Design Engineer, with assistance from Josh Ackworth, C.E.T., Transportation Technologist, in the Transportation Planning & Design Division.

SUBMITTED BY:	REVIEWED & 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 AND CITY ENGINEER	

Attach: Appendix "A" – Sources of Financing

- c. Jason Johnson, Dillon Consulting Limited (130 Dufferin Avenue, Suite 1400, London, ON N6A 5R2)
Pat Shack