

--	--

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON SEPTEMBER 9, 2013
FROM:	EDWARD SOLDI, P. ENG. DIRECTOR, ROADS AND TRANSPORTATION
SUBJECT:	SUNNINGDALE ROAD & WONDERLAND ROAD NORTH ROUNDABOUT DETAILED DESIGN AND TENDERING APPOINTMENT OF CONSULTING ENGINEER

RECOMMENDATION

That, on the recommendation of the Director, Roads and Transportation, the following actions **BE TAKEN** in respect to the intersection of Sunningdale Road and Wonderland Road North (TS1496-2):

- a) Dillon Consulting Limited, 130 Dufferin Avenue Suite 1400 London, ON N6A 5R2 **BE APPOINTED** Consulting Engineers for the detailed design and tendering of the said project in the amount of \$247,243.50 (excluding HST), noting that this firm has provided a proposal for consultant engineering services, in accordance with Section 15.2 (d) of the City of London's Procurement of Goods and Services Policy and based upon the Fee Guideline for Professional Engineering Services recommended by the Ontario Society of Professional Engineers;
- 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 each Consultant for their respective project; 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
--

- 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 – October 17, 2011 – Sunningdale Road – Interim Maintenance Strategy
- Civic Works Committee – May 29, 2012 – Sunningdale Road – Environmental Study Report

BACKGROUND

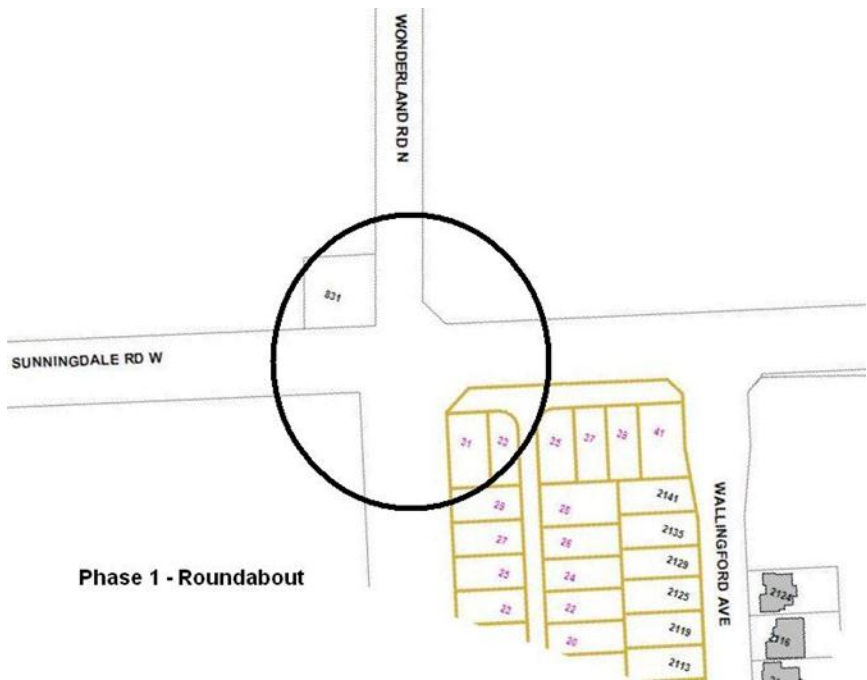
Purpose:

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 implementation of a roundabout at Sunningdale Road West and Wonderland Road North.

Context:

The limits for the Municipal Class Environmental Assessment for Sunningdale Road, that was completed in 2012, include approximately 5 kilometers of Sunningdale Road from Wonderland Road to Adelaide Street. The Environmental Study Report (ESR) recommended the widening of the existing roadway from two to four lanes with on-road bicycle lanes and local turning lanes, as well as roundabouts at Wonderland Road North and Adelaide Street North. The first phase of the proposed improvements is a roundabout at Sunningdale Road West and Wonderland Road North, as shown on Figure 1. The roundabout is recommended to improve safety and reduce traffic delay to vehicles on Sunningdale Road West. This roundabout will initially be constructed with a single lane with accommodation for future widening.

Figure 1: Sunningdale Road Improvements Phase 1 Location



The intersection of Sunningdale Road West and Wonderland Road North has been identified as a high priority project. Traffic data confirms there have been 30 collisions since January 2007 with 57% of the collisions being characterized as right angle movements, noting that 12% is typical for a major intersection. It should also be noted that from May 2003 to April 2004, three fatalities occurred at this intersection.

DISCUSSION

The project Environmental Study Report (ESR) was completed June of 2012, with the public review period ending on June 17, 2013.

The Environmental Assessment (EA) for Sunningdale Road considered many factors during evaluation of the design alternatives, including:

- impact on the social and natural environments;
- technical considerations;
- future traffic patterns;
- existing and future land uses;
- project phasing; and
- estimated costs.

--	--

Although no public concerns were raised with the intersection of Sunningdale Road West and Wonderland Road North, the Ministry of the Environment received a number of Part II Order Requests asking the City of London to respond to issues and concerns specific to the Richmond Street and Sunningdale Road intersection. The City of London has responded in compliance with Ministry of Environment requirements.

Proceeding with the design phase for the intersection at Sunningdale Road West and Wonderland Road North is expected to be low risk with respect to agency review and clearance for the Environmental Assessment as this phase of works is independent of Richmond Street and Sunningdale Road intersection. The Ministry of the Environment has been consulted on the matter and is agreeable to this phase (i.e. the intersection of Sunningdale Road West and Wonderland Road North) of the project proceeding.

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 a single lane roundabout;
- Detailed design of traffic staging;
- Detailed design of local sanitary sewer upgrades;
- Detailed design of the existing watermain locations, apparatuses and valves;
- Detailed design of 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.

Consultant Selection

Four consulting firms were invited to submit proposals for this project. All four firms responded with written proposals including a summary of the project tasks, schedule, and costs. An evaluation committee reviewed the consultant submissions for the project.

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 Consulting Limited has successfully completed equally complex projects within the City of London and surrounding area. This project will be managed through their local office. 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.

In accordance with Section 15.2(d) of the Procurement of Goods and Services Policy, Civic Administration is recommending that Dillon Consulting Ltd. be appointed as the consulting engineer for the detailed design and tendering of the project for a fee estimate of \$247,243.50 (excluding HST). Funding for this assignment will be from TS1496-2.

The City is initiating the detailed design at this time in anticipation of construction in 2014.

SUMMARY

Conclusions:

Based on the technical evaluation of the proposals, it is recommended Dillon Consulting be awarded the consulting assignment for the detailed design and tendering for the Sunningdale Road West and Wonderland Road North roundabout at an upset amount of \$247,243.50 (excluding HST), and including a 10% contingency.

Civic Administration does not anticipate any additional annual operating costs to the Environmental and Engineering Services Department budget in 2014 and subsequent years associated with this assignment.

Acknowledgements

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

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

Attach: Appendix 'A' – Sources of Financing

cc. K. Welker, B. Huston, Dillon Consulting
Pat Shack