

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON OCTOBER 4, 2016
FROM:	JOHN BRAAM, P. ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	WONDERLAND ROAD SOUTH IMPROVEMENTS (MANNING DRIVE TO SOUTH CITY LIMITS) DETAILED DESIGN & 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 Consulting Engineer for the Wonderland Road South Improvements (Manning Drive to South City Limits) Project:

- (a) Stantec Consulting Limited, **BE APPOINTED** Consulting Engineers for the detailed design and tendering for the project at an upset amount of \$227,669.75 (excluding H.S.T.) in accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy;
- (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 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 including rail-related agreements, if required, to give effect to these recommendations.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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None

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus areas of *Building a Sustainable City* and *Growing our Economy* by improving transportation infrastructure as London grows. Improving this corridor for all road users will contribute to providing convenient and connected mobility choices.

BACKGROUND

Purpose

This report recommends the appointment of a consulting engineer to complete the detailed design and tendering for the Wonderland Road South Improvements (Manning Drive to South City Limits) project.

Context/Background

The City of London is responsible for a transportation system that promotes the movement of goods and services to strengthen our economic growth and provides for sustainable transportation mobility choices for residents and improve our quality of life. Proactive transportation planning in growth areas facilitates development.

Wonderland Road south of Manning Drive is a rural roadway built to township standards with minimal provision for drainage. Prior to the construction of the Highway 401/Wonderland Road interchange, this roadway did not provide a connection across the highway, so consequently carried a low volume of traffic (ie: less than 500 vehicles/day).

With the recent completion of the Highway 401/Wonderland Road interchange and the connection across the highway, Wonderland Road South now forms another north/south connecting link (in addition to Wellington Road South and Colonel Talbot Road) from London to St. Thomas and the surrounding County/Townships. The interchange project also connected Wonderland Road north of Highway 401 with the subject stretch of roadway, creating the only corridor along the west side of the City stretching between the north and south City limits.

As a result of these corridor connections being created, traffic volumes on this roadway have increased significantly and there is a need to upgrade and improve the existing roadway to address pavement structure, roadside safety and drainage concerns.

The County of Elgin and Township of Southwold are aware of the increased traffic volumes and the deteriorating road conditions along with community concerns. As a result, they are also planning improvements beyond the boundary of the City of London as well as a potential transfer of roadway jurisdiction to the County.

DISCUSSION

Project Description

The City of London intends to reconstruct this roadway as a 2 lane road with shoulder and drainage improvements (2 x 3.5m lane widths, with 1.5m wide paved shoulders). The paved shoulders will provide a safe route for cyclist in accordance with the London On Bikes Cycling Master Plan. This project is expected to be a Schedule 'A+' project under the Municipal Class Environmental Assessment (June 2000, as amended 2007, 2011 and 2015). A proper road structure with appropriate granular and asphalt depths along with appropriate drainage improvements (i.e. ditches) will be constructed. As a result of the increased traffic flow on Wonderland Road South, the stop control at the Glanworth Drive / Wonderland Road intersection will be reconfigured to make

Wonderland Road South the through direction to traffic with Stop control placed on Glanworth Drive. Street lighting will be added to this intersection. The project will address any roadside safety concerns, and co-ordinate with the adjacent project for a two lane upgrade of Wonderland Road South in 2017 between Hwy 402 and Hwy 401.

As this corridor is essentially undeveloped, environmental and archaeological investigations along with a tree inventory will need to be conducted prior to the work commencing. Roadside drainage will be reviewed and managed in accordance with the guidelines required by the Stormwater Management Engineering Division.

Coordination with the surrounding communities (County of Elgin, and Township of Southwold) will be a priority, along with the Conservation Authorities (Upper Thames and Kettle Creek), and the major utility companies.

Detailed design will commence upon Council award of this Consulting Engineer's Assignment. Due to budgetary allocations, the construction for this project will be staged over two years, with the first phase being tendered & constructed in 2017, and the balance of the work being tendered & constructed in 2018.

Project Location

The project limits are Wonderland Road South from Manning Drive to the South City Limits (Westchester Bourne). See Figure 1 below.

Figure 1 – Project Location



Consultant Selection

The consultant procurement process for this assignment began in accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy for a two-stage process. On July 7, 2016, a fully open Request for Expression of Interest / Request for Qualifications advertisement was posted to Biddingo. Eleven (11) consultants submitted packages for the City's review. The selection committee short listed the selection to three (3) consulting firms for proposal submission.

Proposals were received from the shortlisted consultants on September 7, 2016. The committee evaluation of the proposals identified that Stantec Consulting Limited submission provides the best value to the City. Stantec Consulting Limited has an experienced project team that have a clear understanding of the project scope and requirements. Their 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 this undertaking. Stantec Consulting Limited is familiar with City staff and procedures through recent work on other multi-disciplinary City assignments.

In accordance with Section 15.2 (e) of the Procurement of Goods and Services Policy, Civic Administration is recommending Stantec Consulting Limited be appointed as the consulting engineer for this project. The submission from Stantec Consulting Limited includes a fee submission that indicates that the detailed design and tendering (2 phases) can be completed within the funds available in the project account. Stantec Consulting Limited will be considered for the construction administration phases if project performance is positive.

CONCLUSION

Stantec Consulting Limited has demonstrated an understanding of the City requirements for this project. They have an experienced project team which has a clear understanding of the project scope and requirements. Based on the thorough consultant procurement process, it is recommended that Stantec Consulting Limited be awarded the consulting assignment for the Wonderland Road South Improvements (Manning Drive to South City Limits) Project at an upset amount of \$227,669.75 (excluding H.S.T.).

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

Acknowledgements

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

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 AND ENGINEERING SERVICES & CITY ENGINEER	

Attach: Appendix A – Sources of Financing

cc. Kevin Welker – Stantec Consulting Limited
(600-171 Queens Avenue, London, N6A 5J7)