

--	--

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON DECEMBER 1, 2015
FROM:	JOHN BRAAM, P.ENG. MANAGING DIRECTOR, ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	VETERANS MEMORIAL PARKWAY NORTH EXTENSION HURON STREET TO CLARKE ROAD DETAILED DESIGN 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 Veterans Memorial Parkway North Extension from Huron Street to Clarke Road:

- (a) Stantec Consulting Limited **BE APPOINTED** Consulting Engineers for the detailed design of the said project, in the amount of \$408,359.60 (excluding H.S.T.), 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

- Build and Natural Environment Committee – February 14, 2011 – Veterans Memorial Parkway Financial Analysis
- Planning Committee – April 12, 2010 – Public Meeting and OPA for Veterans Memorial Parkway

--	--

- Municipal Council – October 20, 2008 – Full presentation to Municipal Council related to the recommendations of staff report on the Veterans Memorial Parkway Environmental Assessment and concurrent Official Plan Amendment.
- Planning Committee – October 6, 2008 – Statutory Public Meeting, Presentation on the Veterans Memorial Parkway Class Environmental Assessment Environmental Study Report.
- Environment and Transportation Committee – July 14, 2008 – Veterans Memorial Parkway Class Environmental Assessment
- Environment and Transportation Committee Presentation – November 12, 2007 – Len Rach, Giffels Consulting and Director of Roads and Transportation Veteran’s Memorial Parkway Interchange Study
- Environment and Transportation Committee – July 17, 2006 - Airport Road Interchanges – Environmental Assessment Study - Consultant Appointment
- Environment and Transportation Committee – February 06, 1996 - Airport Road Extension Environmental Study Report

2015-19 STRATEGIC PLAN

The following report supports the Strategic Plan through the strategic focus area of *Building a Sustainable City* by building new transportation, water and storm water infrastructure as the city grows. The extension of this important transportation and economic corridor will contribute to providing convenient and connected mobility choices and facilitating goods movement.

BACKGROUND

Purpose

This report seeks the approval of the Municipal Council to appoint an engineering consultant to undertake the detailed design and tendering for the Veterans Memorial Parkway (VMP) North Extension from Huron Street to Clarke Road.

Context

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 that improve our quality of life.

VMP from Huron Street to Clarke Road was identified as a priority in the Smart Moves 2030 Transportation Master Plan (TMP). The Growth Management Implementation Strategy (GMIS) recommends the construction of the subject segment of VMP in 2019. VMP from Huron Street to Clarke Road will be constructed to a 2 lane rural cross-section with partially paved shoulders and illumination improvements.

--	--

DISCUSSION

Project Description

VMP is located near the eastern boundary of the City between Highway 401 to the south and Huron Street to the north. In early 1980s, the Ministry of Transportation (MTO) constructed this road from Highway 401 to Oxford Street. The road was initially identified as Highway 100 and was renamed Airport Road when transferred to the municipality.

Currently, the VMP is a municipal road under the jurisdiction of the City and classified as an expressway in London’s Official Plan (OP) from Highway 401 to Huron Street. VMP is a proposed expressway from Huron Street to Clarke Side Road.

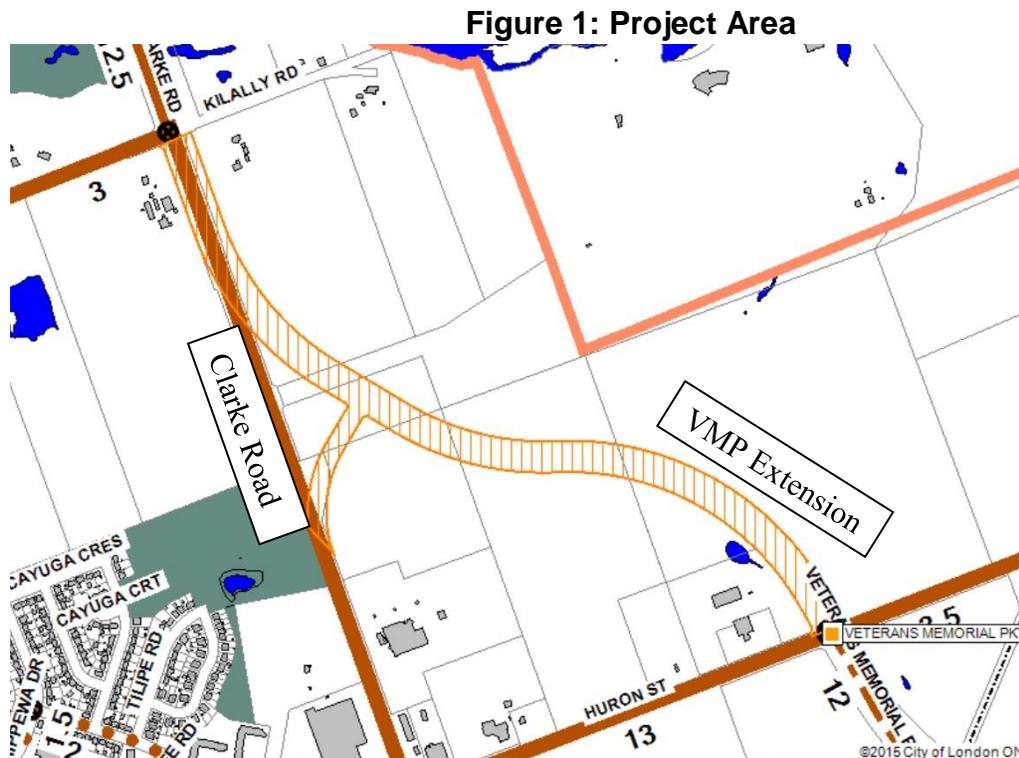
VMP is a key corridor providing one of five accesses from the Provincial Freeway System (Highway 401) to the City. Presently VMP ends at Huron Street East, contributing to significant traffic congestion along Huron Street East, between Clarke Road and the VMP. VMP is a controlled access road providing a direct link between Highway 401 and the London International Airport and adjacent industrial, residential and agricultural lands. The VMP has been identified as a key component of the City’s transportation system in a number of transportation planning studies completed to date.

An Environmental Study Report (ESR) was completed in 1996, which studied and developed recommendations for the extension of Airport Road from Oxford Street though to Huron Street (Stage I) and Huron Street through to Clarke Road (Stage II). The detailed evaluation resulted in the establishment of a preferred design and alignment which would minimize the net environmental impact as summarized in the ESR. Shortly after the completion and approval of the ESR, Stage I of the Airport Road extension was undertaken, resulting in a two lane rural cross section.

In 2008, a Class Environmental Assessment (EA) and concurrent Application to Amend the City Official Plan and Zoning By-law was completed. The study was initiated to identify future transportation infrastructure needs, including interchanges, along the entire length of the VMP. The 2008 EA took under consideration the previous recommendations provided by the Airport Road Extension Environmental Study Report completed in 1996.

--	--

An aerial image showing the proposed future north extension of the VMP section is presented in Figure 1.



This project encompasses a two (2) lane rural road extension providing a continuous link from Highway 401 to Clarke Road. Implementation of this project will eliminate traffic operation deficiencies in the area and accommodate future growth demands.

The design of the initial two lane roadway (Phase 1) will consider the future four lane roadway expansion of VMP and Clarke Road to the north, the ultimate interchanges at Kilally Road and Huron Street. The design will reflect these future requirements where feasible.

The project limits extend through agricultural lands between Huron Street East to Kilally Road, approximately 1.6 km in length. The existing Clarke Road and Fanshawe Conservation Area entrance road alignment will need to be modified to accommodate the proposed VMP configuration and anticipated utility relocations works from Hydro One Networks and London Hydro.

The primary components that will be incorporated in this assignment include:

- Detail design for the extension of VMP;
- Coordination of service needs, including expansion of existing and new infrastructure, as needed;
- Specialist investigations, including the legal survey, geotechnical and archaeological studies;
- Stormwater management (SWM) analysis and design;
- Consultation with agencies (MOECC, UTRCA, MNR, Hydro One) and securing all necessary approvals;
- Co-ordination with the geotechnical sub-consultant who will provide recommendations for subsurface design parameters for services and pavements;

--	--

- Property acquisition support for any remaining acquisitions and the consent-to-enter agreements that may be required;
- Preparation of utility relocation plans and coordinate the relocation of the utilities; and,
- Preparation of the complete tender package, including advertisement, review of the submitted tenders for completeness, and contractor recommendation.

Consultant Selection

The consultant procurement process used a two stage process beginning with an open advertised Request for Qualifications (RFQ). Based on the received submissions, four consulting firms were short-listed. IBI Group, Stantec Consulting Limited, AECOM Canada Limited and Dillon Consulting Limited asked to submit detailed proposal and work plan. All firms responded with written proposals including a summary of the project tasks, schedule and costs. An evaluation committee reviewed the submissions for the project.

Based on the evaluation criteria and best value based selection process identified in the Request for Proposals, the evaluation committee determined that the proposal from Stantec provides the best value to the City. Stantec has an experienced project team that had a clear understanding of the project scope and requirements. Their past proven experience on similar projects, combined with a project proposal that confirmed a thorough understanding of the goals and objectives, demonstrated their suitability for the undertaking. Stantec 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 City of London's Procurement of Goods and Services Policy, Civic Administration is recommending Stantec be appointed as the consulting engineer for the detail design and tendering. The submission from Stantec includes a fee submission that indicates that the detail design can be completed within the funds available in the project account. Stantec will be considered for the future construction administration phase if project performance is positive.

CONCLUSION

The Veterans Memorial Parkway North Extension, from Huron Street to Clarke Road was identified as a priority in the Smart Moves 2030 TMP. The GMIS recommends the construction of the VMP North Extension in 2019 to accommodate future growth demands and improve traffic deficiencies in the area. Initiation of detail design is required now to meet this schedule.

Based on the thorough consultant procurement process, it is recommended that Stantec Consulting Limited be awarded the consulting assignment for the detailed design and tendering of VMP North Extension from Huron Street to Clarke Road at an upset amount of \$408,359.60 (excluding H.S.T.).

--	--

Acknowledgements

This report was prepared with the assistance of Max Kireev, C.E.T., Technologist II Ardian Spahiu, P.Eng., Transportation Design Engineer, both of the Transportation Planning & 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 – Source of Financing

c.

Isaac Bartlett, P.Eng. Stantec 600-171 Queens Avenue London ON N6A 5J7
 Geoff Smith, CSCMP, Purchasing and Supply Chain
 Pat Shack, Finance