

TO:	CHAIR AND MEMBERS BUILT AND NATURAL ENVIRONMENT COMMITTEE MEETING ON AUGUST 15, 2011
FROM:	JOHN LUCAS, P. ENG. ACTING DIRECTOR, ROADS AND TRANSPORTATION
SUBJECT	VETERANS MEMORIAL PARKWAY SOUTH EXTENSION CLASS ENVIRONMENTAL ASSESSMENT APPOINTMENT OF CONSULTING ENGINEER PROJECT NUMBER TS1037

RECOMMENDATION

That, on the recommendation of the Acting Director, Roads and Transportation, the following actions **BE TAKEN** with respect to the appointment of a consultant for the Veterans Memorial Parkway South Extension Planning, Preliminary Design and Class Environmental Assessment Study:

- (a) McCormick Rankin Corporation **BE APPOINTED** Consulting Engineers for the said project in the amount of \$289,850 excluding HST, in accordance with Section 15 of the Procurement of Goods and Services Policy;
- (b) An amount of \$12,000 required for internal (City related) expenses **BE APPROVED** within the project budget;
- (c) The financing for this project **BE APPROVED** as set out in the Source of Financing Report attached hereto as Appendix 'A';
- (d) The consulting fees for the project **BE IN ACCORDANCE** with the estimate, on file, which is based upon the Fee Guideline for Professional Engineering Services 2006, recommended by the Ontario Society of Professional Engineers;
- (e) The approval given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract with the consultant for the work; and,
- (f) 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
--

This report can be found on the City's web site (www.london.ca):

- Report to BNEC dated March 28, 2011 – Veterans Memorial Parkway Extension to Wilton Grove Road

BACKGROUND

Purpose:

This report seeks the approval of the Municipal Council to appoint an engineering consultant to conduct the Planning, Preliminary Design and Environmental Assessment, and prepare an Environmental Study Report for the Veterans Memorial Parkway South Extension.

Context:

On April 4, 2011, the Municipal Council resolved "That the Civic Administration BE REQUESTED to commence an environmental assessment for the extension of Veterans Memorial Parkway south to Wilton Grove Road, in order to prepare for future development opportunities in that area, and to liaise with the Province with respect to potential financial contributions.

Discussion:Project Description

The project involves planning and consulting the public on an extension of Veterans Memorial Parkway from Highway 401 to Wilton Grove Road. This will include a reconfiguration and expansion of the interchange at Highway 401. Generally, the EA will evaluate the project impacts on social, cultural, built and economic environments. Included in this will be property owner, stakeholder and public consultation. The work program covers 12 topics:

Traffic Analysis: The traffic analysis will identify existing network constraints on key road links in the area. The analysis will include an operational and weaving analysis to evaluate the operation of the study area road network. The study will also provide a detailed operational analysis of the existing/proposed ramp terminal intersections, and adjacent intersections and interchanges to confirm that sufficient capacity is available to avoid impacts to the Highway 401 corridor in the short and long-term horizons. Early outputs from the Transportation Master Plan are required as part of the needs and justification for the study.

Structural Planning: A number of viable alternatives will be used to examine cost, constructability and function within a future widened Highway 401. Staging is a possibility.

Natural Environment: The objectives of the natural environment work plan are to inventory existing conditions, evaluate project alternatives against criteria, provide input to the functional design and identify future permit and approval requirements. The City of London Environmental Management Guideline was considered in the preparation of this part of the work plan.

Drainage/Stormwater Management: The focus of this activity is to identify works required to accommodate changes to Highway 401 and the parkway extension. Computer modeling will assist in this exercise, including impacts on the Dingman Watershed.

Archaeology: A Stage 1 assessment (document and record reviews augmented with a site visit) will be used to identify if any areas require a Stage 2 assessment.

Cultural Heritage: A Cultural Heritage Assessment Report covering built and cultural features will be based on available records, research and a site survey.

Hydrogeology: An assessment of natural conditions and analysis of water well records (including water quality sampling) will identify any project permitting, monitoring or mitigation requirements.

Contamination Overview: The actual or potential for contaminated property and waste management issues will be identified with research and study area inspection. This information will be used to assess environmental concerns that could affect design alternative selection.

Signals and Lighting: Warrants will be evaluated for project costing.

Noise Assessment: Noise sensitive areas will be assessed based on MTO/MOE protocols.

Public Consultation: This process starts with a Notice of Study Commencement and follows with two formal Public Information Centres before filing of the report. A contact list of local property owners, businesses and agricultural operators will be augmented by any interested parties during the course of the study. The study team will make reasonable efforts to resolve concerns. Important agency contacts for this study include MTO, MOE, UTRCA, DFO and County of Middlesex.

Functional Design: Sufficient details of a preferred alternative will be used to finalize property requirements, preliminary project costs and construction staging requirements.

All of the above work items will be consolidated into an Environmental Study Report similar in detail and content as recent highway / interchange EA's completed by the City.

Project Schedule

Assuming a beginning of September start, the study will be completed at the end of 2012. The schedule allows for coordination with the ongoing Transportation Master Plan, which is expected to be completed by the end of this year. The Notice of Study Commencement is scheduled for early November, 2011, and Public Information Centres in January, 2012 and October, 2012.

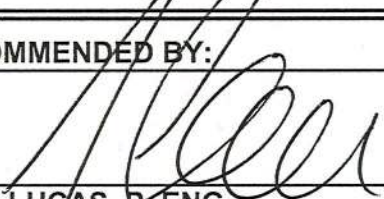
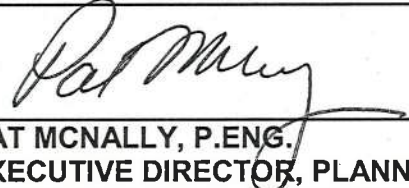
Consultant Selection

After receipt of a statement of qualifications from four consultants, staff recommends that McCormick Rankin Corporation carry out the Environmental Assessment for Veterans Memorial Parkway South Extension. The McCormick Rankin proposal indicated a thorough understanding of the challenges involved in this undertaking. This firm can provide strength in public and stakeholder consultation, all necessary technical areas, including complex traffic analysis and interchange design, and have experience in working on similar projects for municipalities.

The Ministry of Transportation participated in the consultant selection process to ensure that the selected firm met their requirements for work on 400 series highways.

Acknowledgements:

This report was prepared within the Transportation Planning & Design Division by Doug MacRae, P.Eng. Transportation Design Engineer and Maxim Kireev, Technologist II.

RECOMMENDED BY:	REVIEWED & CONCURRED BY:
	
JOHN LUCAS, P. ENG. ACTING DIRECTOR, ROADS AND TRANSPORTATION, ENVIRONMENTAL AND ENGINEERING SERVICES	PAT MCNALLY, P.ENG. EXECUTIVE DIRECTOR, PLANNING, ENVIRONMENTAL & ENGINEERING SERVICES

Z:\R&T\2011\VMP extension (July272011).doc
DWM/MSK

Attach: Appendix "A" – Sources of Financing

- cc. - McCormick Rankin Corporation, Michael Chiu, P.Eng.
- Stantec Consulting, Isaac Bartlett, P.Eng.
- AECOM Canada Ltd, Antony Fediw, P.Eng.
- URS Canada Inc., Steve Jacobs, P. Eng.
- John Braam, P.Eng., City Engineer
- Carolyn Malott, Budget Analyst - Administrative Services
- Ministry of Transportation, Kevin Bentley, P.Eng.,

APPENDIX "A"

Chair and Members
 Built and Natural Environment Committee

#11129
 August 5, 2011
 (Approve New Project)
 (Appoint Consulting Engineer)

**RE: Veterans Memorial Parkway South Extension Class Environmental Assessment
 New Capital Budget Project No. TS1037
 McCormick Ranking Corporation - \$289,850.00 (excluding H.S.T.)**

FINANCE DEPARTMENT REPORT ON THE SOURCES OF FINANCING:

Finance Department confirms that the cost of this project can not be accommodated within the financing available for it in the Capital Works Budget. The funding is available as a drawdown from the Economic Development Reserve Fund. Subject to the adoption of the recommendation of the Acting Director, Roads and Transportation, the detailed source of financing for this project is:

<u>ESTIMATED EXPENDITURES</u>	<u>Approved Budget</u>	<u>This Submission</u>	<u>Revised Budget</u>
Engineering	\$0	\$294,952	\$294,952
City Related Expenses	0	12,000	12,000
NET ESTIMATED EXPENDITURES	<u>\$0</u>	<u>\$306,952</u>	<u>\$306,952</u>
SOURCE OF FINANCING			
Drawdown from Economic Development R.F.	\$0	\$306,952	\$306,952
TOTAL FINANCING	<u>\$0</u>	<u>\$306,952</u> 1)	<u>\$306,952</u>

1) **Financial Note:**

Contract Price	<u>Engineering</u>
Add: HST @13%	\$289,850
Total Contract Price Including Taxes	37,681
Less: HST Rebate	<u>327,531</u>
Net Contract Price	<u>32,579</u>
	<u>\$294,952</u>

2) The funding requirement of up to \$306,952 is available as a drawdown from the Economic Development Reserve Fund.



 Larry Palarchio
 Director of Financial Planning & Policy

EH