

## **COMMITTEE OF THE WHOLE - FEBRUARY 19, 2008**

### **AWARD OF PROJECT – RFP07-190 SELECTION OF CONSULTANT CLASS ENVIRONMENTAL ASSESSMENT STUDY HIGHWAY 400 / AMERICA AVENUE OVERPASS**

#### **Recommendation**

The Commissioner of Engineering and Public Works in consultation with the Director of Reserves and Investments and the Director of Purchasing Services recommends:

1. That the budget for Capital Project 1583-0-06 be increased from \$155,000 to \$230,000 to cover the estimated cost of completing the Class Environmental Assessment for the proposed Highway 400 / America Avenue overpass with funding from City Wide Development Charges- Engineering Services;
2. That the engineering consulting firm of UMA Engineering Limited be retained to provide the necessary engineering services in connection with the completion of the Class Environmental Assessment for the proposed Highway 400 / America Avenue overpass at an estimated cost of \$203,218 excluding G.S.T.;
3. That a contingency allowance in the amount of \$20,000 excluding G.S.T., be approved within which the Commissioner of Engineering and Public Works or his designate is authorized to approve amendments to the Contract;
4. That the inclusion of this matter on a Public Committee or Council agenda with respect to increasing the capital budget identified as Class EA Study for the proposed Highway 400 / America Avenue overpass is deemed sufficient notice pursuant to Section 2(1)(c) of Bylaw 394-2002:and,
5. That the Mayor and Clerk be authorized to sign an Engineering Services Agreement with UMA Engineering Limited.

#### **Economic Impact**

Based on the results of a Request for Proposal process, the undertaking of the Class Environmental Assessment study (Class EA) for the proposed Highway 400 / America Avenue overpass is estimated to cost \$230,000, which exceeds the approved 2006 Capital Budget (Project No. 1583-0-06) amount of \$155,000 for this study by about \$75,000. Accordingly, it is recommended that the budget for this Class EA study be increased by \$75,000 to cover this funding shortfall and to ensure that there are sufficient funds to complete the study.

#### **Communications Plan**

This Class EA study will include a comprehensive public consultation process involving all affected stakeholders. The public consultation process will be conducted in consultation with Staff and the Ward Sub-Committee in accordance with the requirements of the Class EA process. Given the likelihood that the residents in Block 33 will take a keen interest in this project, the consultant will be required to maintain an up-to-date project website where all current information related to the study will be posted and comments from the public may be received for consideration by the study team. In addition, a Citizens Liaison Committee will be established for the duration of the project to provide regular input into the study.

## **Purpose**

The purpose of this report is to seek Council approval to retain UMA Engineering Limited to complete the Class EA Study for the proposed Highway 400 / America Avenue overpass pursuant to Request for Proposal RFP07-190, and to increase the approved funding for Capital Project No. 1583-0-06.

## **Background - Analysis and Options**

The construction of the Highway 400 / America Avenue overpass is required to complete the proposed east-west mid-block collector road system within Block 33 in accordance with Official Plan Amendments (OPA) 400 / 600. The background transportation studies completed in support of OPA 400 / 600 identified this overpass as a key road link in the overall primary road network for the surrounding residential areas on both sides of Highway 400. In addition, it is anticipated that the completion of this road link will also provide some relief to traffic volumes on the adjacent Regional arterial roads such as Major Mackenzie Drive and Teston Road. The proposed alignment of the overpass connects America Avenue on the east side to Canada Drive on the west side of Highway 400. This link would complete the construction of the City's east-west collector road system within Block 33 as shown on Attachment No. 1. The initial stage of a road project of this magnitude involves the completion of a Class EA.

The 2006 approved Capital Budget Project No. 1583-0-06 provides for the completion of a Class EA study for the Highway 400 / America Avenue overpass with funding from City-wide Development Charges.

In September 2007, the Purchasing Servicing Department issued Request for Proposal RFP07-190 (RFP) for the retainer of a consulting engineering firm to assist the City in the undertaking of the necessary Class EA for the Highway 400 / America Avenue overpass. In accordance with the City's Purchasing Policy for projects of this magnitude, the RFP was publically advertised using the following publication sources:

- Vaughan Weekly (City Page)
- Vaughan Today (City Page)
- Electronic Tendering Network
- Ontario Public Buyer's Association

In response to the RFP, four consulting firms were issued RFP packages, however, only one Proposal submission was received on October 1, 2007 from UMA Engineering Limited. The evaluation committee have reviewed and assessed the proposal submitted based on the following criteria:

- Project Understanding and Approach – 30%
- Work Plan and Project Management – 30%
- Firm Qualifications and Staff Experience – 20%
- Engineering Fees – 20%

Based on the evaluation committee's review of the submitted proposal, and a subsequent interview with the consulting firm's project team members, it was determined that UMA Engineering Limited successfully fulfilled all of the City's technical requirements and qualifications related to the project. As a result, the committee is satisfied that UMA Engineering Limited meets all required qualifications to successfully complete this environmental assessment study on behalf of the City.

The total estimated cost to complete the Class EA study including engineering consulting services, a contingency allowance and applicable taxes (G.S.T. is 100% recoverable), is \$229,914.54 and is calculated as follows:

**UMA Engineering Limited**

Total Cost	\$203,218.00
Contingency Allowance (10%)	<u>\$ 20,000.00</u>
Sub-Total	\$223,218.00
G.S.T. (5% amount is 100% recoverable)	\$ 11,160.90
Treasury Administration (3%)	<u>\$ 6,696.54</u>
Total	\$241,075.44
Less G.S.T. Recoverable	<u>\$(11,160.90)</u>
<b>Total Cost</b>	<b>\$229,914.54 (Rounded \$230,000)</b>

Given the anticipated high level of public interest in this Class EA study, it is recommended that a contingency allowance of 10% be carried to cover unexpected costs which may arise during the course of the study.

**Relationship to Vaughan Vision 2020**

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- The pursue of excellence in service delivery;
- Leadership initiatives and promotion of environmental sustainability;
- Effective governance; and
- Planning and managing growth, and economic vitality.

This report is therefore consistent with the priorities previously set by Council.

**Regional Implications**

Regional Staff are aware of this project and have been involved in the evaluation committee's decision relating to the selection of a consultant. Further, as a major stakeholder, it is expected that Regional Staff will be involved throughout the duration of the study and will work in close consultation with Staff to ensure its successful completion.

**Conclusion**

The proposed Highway 400 / America Avenue overpass is a key link in the overall primary road network for the surrounding residential areas on both sides of Highway 400 within Block 33. The initial stage of a road project of this magnitude is the completion of a Class EA. Based on the results of the Request for Proposal RFP07-190, it is recommended that UMA Engineering Limited be retained by the City to assist in the completion of the necessary Class EA for this road project. Funding for this project will come from the 2006 Capital Budget (Project No. 1583-0-06) subject to Council's approval of the additional funding.

Should Council concur with the additional funding request, this action would be considered as an amendment to the Capital budget. Pursuant to the Municipal Act, before amending a budget, a municipality shall give notice of its intention to amend the budget at a Council meeting. Where a Capital project has been subject to a public meeting during the adoption of the approved Capital budget and where additional funding is required to complete the approved works, inclusion of the

matter in a Staff report requesting additional funding on a Public Committee or Council Agenda is deemed sufficient notice pursuant to Section 2(1)(c) of Bylaw 394-2002.

**Attachment**

1. Location Map

**Report prepared by:**

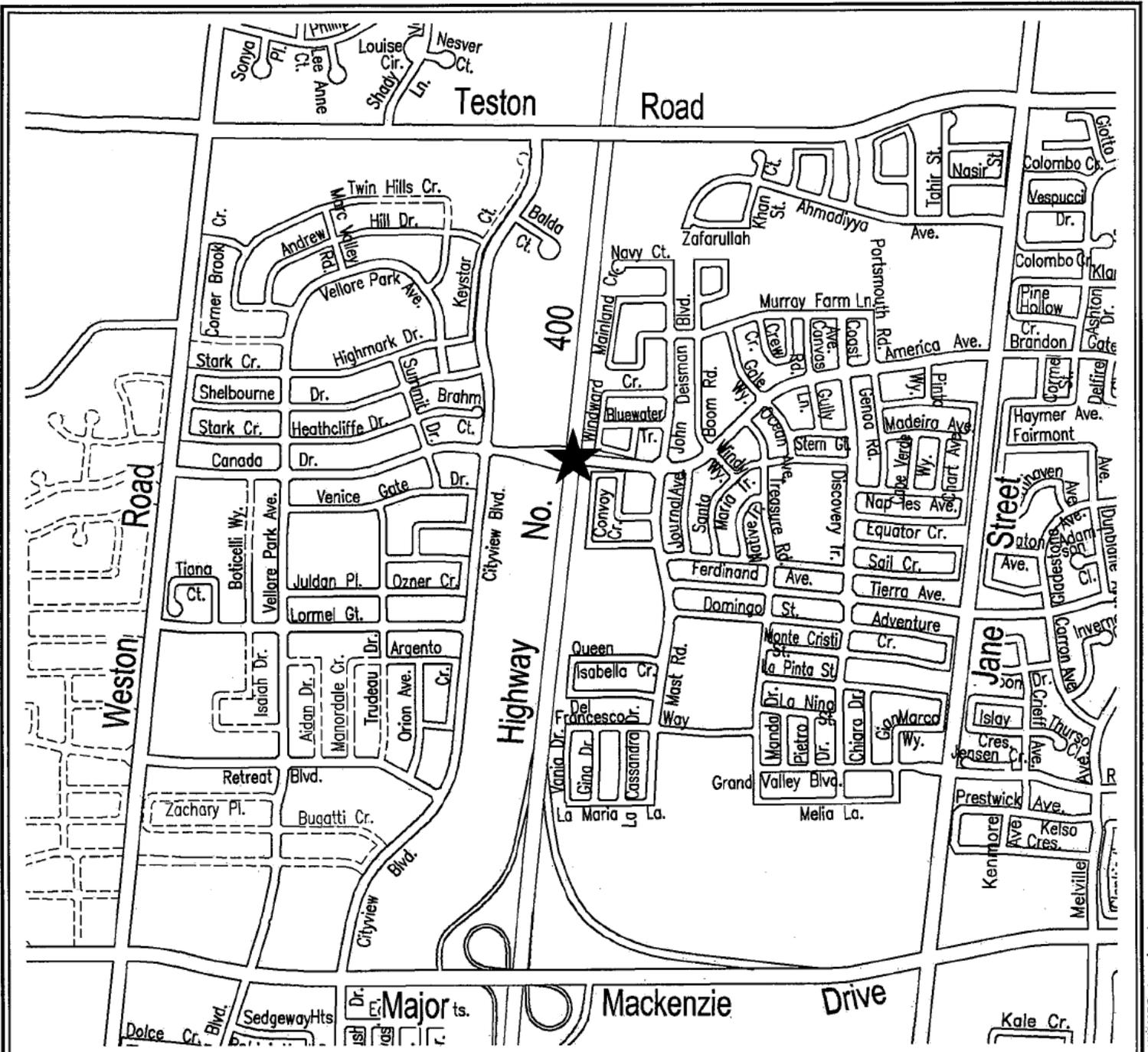
Tony Artuso, Senior Engineering Assistant, Ext. 8396  
Michael Frieri, Development Supervisor, Engineering Planning & Studies, Ext. 8729

Respectfully submitted,

Bill Robinson, P. Eng.  
Commissioner of Engineering  
And Public Works

Andrew Pearce, C.E.T.  
Director of Development /  
Transportation Engineering

# ATTACHMENT No. 1



## HIGHWAY 400 / AMERICA AVENUE OVERPASS

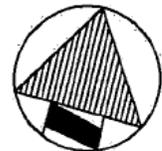
### LOCATION MAP

Part of Lot 23,  
Concession 5

#### LEGEND



PROPOSED OVERPASS LOCATION



NOT TO SCALE