

COMMITTEE OF THE WHOLE - FEBRUARY 23, 2010

ADDITIONAL ENGINEERING FEES FOR THE THORNHILL AREA ROAD RECONSTRUCTION, WATERMAIN REPLACEMENT AND STRUCTURE REHABILITATION/REPLACEMENT WARD 5

Recommendation

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

That funding in the amount of \$23,186.00, plus G.S.T., for additional engineering fees provided by SNC Lavalin Inc. for the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement project be approved from the 2009 Capital Budget Project No. EN-1731-09.

Contribution to Sustainability

The rehabilitation and reconstruction of roads, replacement of watermains as well as rehabilitation and replacement of structures will ensure that an acceptable level of service provided by the City's infrastructure is maintained for the health and well being of its citizens.

Economic Impact

There are sufficient funds available in the approved Capital Budget Project EN-1731-09 to cover the additional engineering design fees required for this project, and as such, there is no economic impact.

Communications Plan

Not Applicable.

Purpose

To obtain approval for additional funds for engineering design services provided by SNC Lavalin Inc. for the completion of the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement.

Background - Analysis and Options

At its March 31, 2008 Meeting, Council approved the recommendations in Item 8, Report No. 16 of the Committee of the Whole, to retain SNC Lavalin Inc. to provide engineering services for the preliminary and detail design of the Thornhill Area Road Reconstruction, Watermain Replacement and Structure Rehabilitation/Replacement at an estimated cost of \$227,270.00, excluding G.S.T. to be funded from 2006 Capital Budget Project No. 1626-0-06 and a contingency allowance of \$23,000.00, excluding G.S.T. to be funded from the 2007 Capital Budget Project No. EN-1655-07.

During the detailed design stages of this project, various additional tasks had to be undertaken which were outside of the original budget and contemplated scope of work. They included the following:

1. Hydraulic Modelling and Flood Risk Mapping – TRCA Requirement - \$31,600.00, plus G.S.T.;

2. Test Pits and Survey – Various Locations for Bell Verification - \$6,850.00, plus G.S.T.;
3. Thornhill Heritage District Requirements – Design revisions \$3,200.00, plus, G.S.T.; and
4. Environmental Permitting – TRCA requirement. Additional fees for coordination of one additional permit \$4,536.00, plus G.S.T.

Engineering Services staff have confirmed the expanded scope of work and validated the additional costs that were required for the successful completion of this assignment.

Funding has been approved in the amount of \$227,270.00, plus G.S.T. and contingency allowance of \$23,000.00 for a total of \$250,270.00, excluding G.S.T. Due to the expanded scope of work, additional funds in the amount of \$23,186.00, plus G.S.T. are required, funded from Capital Budget Project EN-1731-09.

Relationship to Vaughan Vision 2020/Strategic Plan

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

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness; and
- Lead and Promote Environmental Sustainability

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

Regional Implications

Not Applicable.

Conclusion

Staff have reviewed the correspondence from SNC Lavalin Inc. with respect to the additional fees and concur that the additional funding request is appropriate to cover the cost of the engineering design component of this project.

Attachments

1. Location Map

Report prepared by:

Pat Marcantonio, C.E.T., Senior Engineering Assistant, ext. 3111
Tom Ungar, P. Eng., CHRP, Design Engineer, ext. 3110

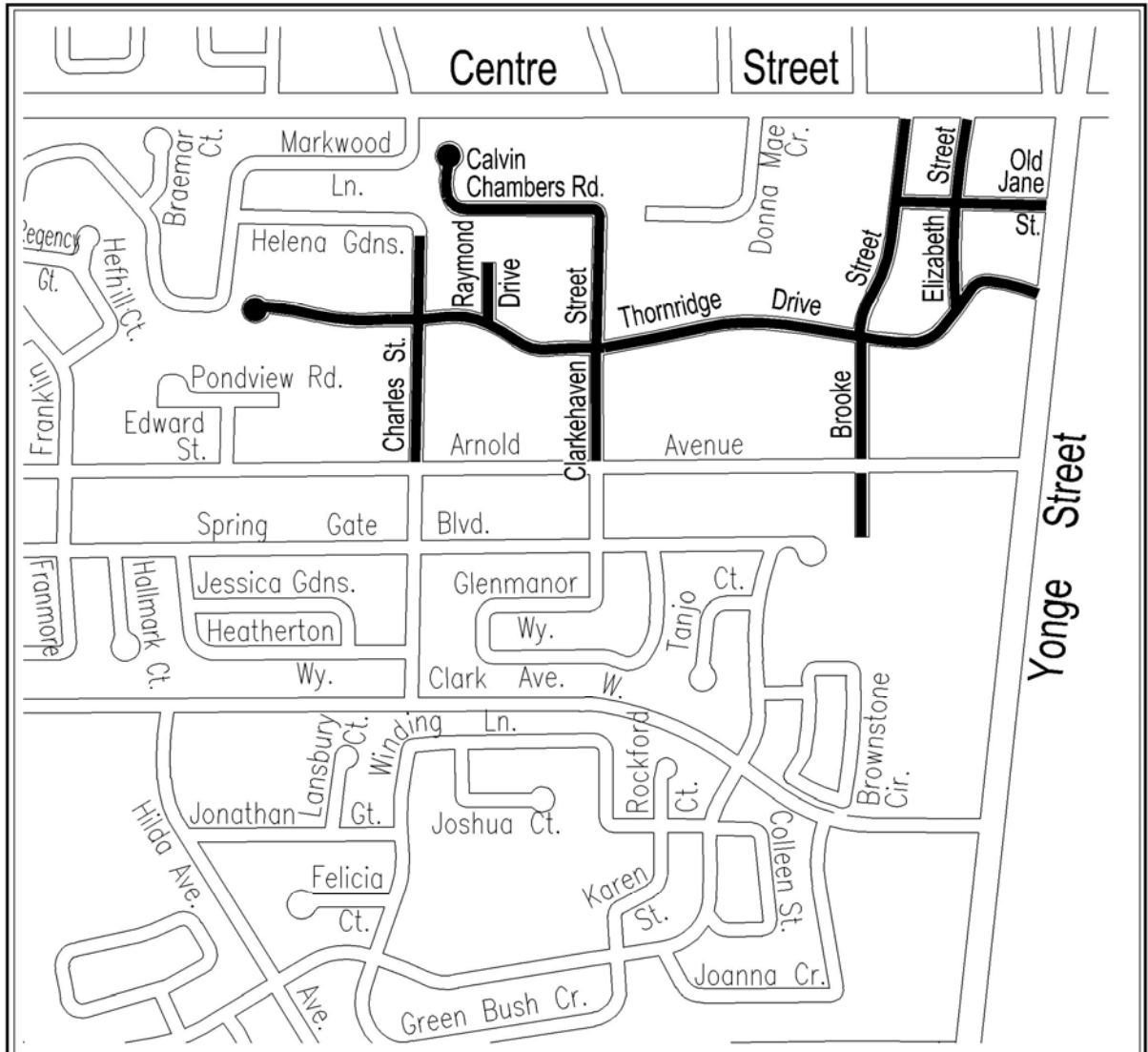
Respectfully submitted,

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

Jack Graziosi, P. Eng., M. Eng.
Director of Engineering Services

PM:mc

LOCATION MAP

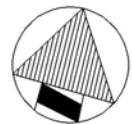


THORNHILL AREA
ROAD RECONSTRUCTION, WATERMAIN REPLACEMENT
and STRUCTURE REHABILITATION / REPLACEMENT

LOCATION : Part of Lots 29 & 30, Conc. 1

LEGEND

———— SUBJECT ROADS



NOT TO SCALE