
TO: CITY MANAGER **DATE:** 2011 May 24

FROM: DIRECTOR ENGINEERING **FILE:** 35000 40
Reference: Stil 09

SUBJECT: DOUGLAS RD/GORING ST/STILL CREEK AVE ROAD IMPROVEMENTS

PURPOSE: To seek approval of the revised expenditure for engineering services related to the Douglas Rd/Goring St/Still Creek Ave Road Improvements Project.

RECOMMENDATION:

1. **THAT** Council approve the revised amount of \$486,000 plus HST under the existing Engineering Agreement E14-2009 with Delcan Corporation to include the additional engineering and construction inspection services for the Douglas Rd road improvements project.

REPORT

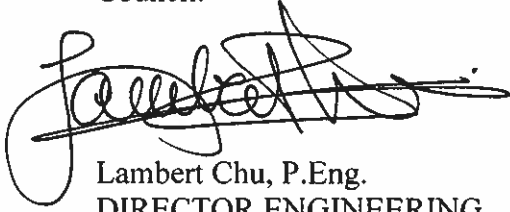
In 2009 April, Council approved \$250,000 funding for the engineering design services related to the Douglas Rd/Still Creek Ave road improvement project. The scope of the project includes engineering design services for the widening of Douglas Rd between Goring St and Still Creek Ave and Still Creek Ave between Westminster Ave and Douglas Rd. The engineering design assignment was awarded to Delcan Corporation under Engineering Agreement E14-2009.

During the design phase, the poor soil condition of Douglas Rd was found to be more complex than previously anticipated. Additional geotechnical investigation and design option review was conducted to determine the most cost effective engineering solution. Following the completion of the engineering design, the Douglas Rd widening construction contract was awarded to Jack Cewe and the work is currently under construction. Staff have now completed the review of the additional engineering services performed under the design phase and the estimated level of construction inspection effort required. Based on the staff review, the total revised engineering cost for the project is estimated at \$486,000 plus HST. Given the added complexity of the project caused by the unanticipated poor soil condition and the additional inspection effort required for the pipe jacking operations under the Burlington railway tracks, staff concur that the revised cost is reasonable and comparable to other projects with similar soil conditions.

To: City Manager
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Re: DOUGLAS RD/STILL CREEK AVE ROAD
IMPROVEMENTS

2011 May 24..... Page 2

It is recommended that the existing engineering agreement E14-2009 be approved to the total amount of \$486,000 plus HST as outlined in this report. The Purchasing Manager concurs with this recommendation. Sufficient funds are available in the project budget previously approved by Council.



Lambert Chu, P.Eng.
DIRECTOR ENGINEERING

AAS:br

Copied to: Director Finance
Purchasing Manager
City Solicitor