

COMMITTEE OF THE WHOLE - APRIL 3, 2012

REQUEST TO INCREASE CONTRACT VALUE T11-034 – SIDEWALK CONSTRUCTION ON KIRBY ROAD WARD 1

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Purchasing Services and the Director of Budgeting and Financial Planning recommends that Council approve:

1. Increasing the quantity of earthworks in the Kirby Road Sidewalk contract to address unforeseen soil conditions;
2. Utilize \$35,000, plus applicable taxes, of the originally approved contingency allowance towards funding the additional work; and
3. Increasing the contract amount for Tender T11-034, by \$165,000, to a total value of \$832,849, plus applicable taxes, to address the increase in contingencies to fund the additional work, to be funded from Capital Project EN-1753-09.

Contribution to Sustainability

The sidewalk construction on Kirby Road from Keele Street to Dufferin Street will promote pedestrian activity. As such, the installation of this sidewalk is consistent with Green Directions Vaughan Goal #3: To ensure that Vaughan is a City that is easy to get around with a low environmental impact, in particular Objectives 3.1:

Objective 3.1 To develop and sustain a network of sidewalks, paths and trails that supports all modes of non-vehicular transportation.

Economic Impact

Contract T11-034, Sidewalk Construction on Kirby Road, Capital Account EN-1753-09 was awarded by the City's Summer Hiatus By-Law on August 30, 2011, to Concord Paving Inc. The total value of the tender award was \$632,849.00, with a contingency allowance of \$70,000.00, plus applicable taxes, and was funded from Development Charges.

There is no additional impact to the 2009 Capital Budget as there are sufficient funds in the capital project, EN-1753-09 Sidewalk Construction on Kirby Road from Keele Street to Dufferin Street, to increase the value of the contract in the amount of \$165,000.00. This project is funded by Development Charges in the amount of \$1,030,000.

Communications Plan

Not Applicable.

Purpose

To obtain Council approval for additional funding required to continue construction activities associated with the previously approved Contract T11-034.

Background - Analysis and Options

The project scope encompassed the construction of a sidewalk on the south of Kirby Road, from Keele Street to Dufferin Street. However, in order to accommodate a sidewalk within this section of road, a platform first needed to be constructed. Geotechnical investigations completed as part of the design identified the volume of top soil material to be removed. However, as the associated earthworks were carried out to construct the platform, staff identified that the original tender quantities for top soil removal would not be sufficient to properly build the platform. Field investigations carried out at that time determined that additional soil material must be removed and replaced with appropriate fill to allow for the construction of the new sidewalk.

Engineering Services staff determined that the most cost effective alternative was to continue with construction rather than delay the project. Staff determined that a delay claim would have resulted in extra costs of approximately \$150,000.00 beyond the cost of the additional earthwork. Direction was provided to the general contractor and the additional earthwork was completed in late 2011.

All work was undertaken at the direction of the City, was closely inspected and monitored by staff, and was in accordance with Departmental Policies and Procedures.

Construction activities were discontinued in November 2011 due to inclement weather, but will resume in May 2012. The project is 60% complete, with no contingency allowance having been spent to date. The revised completion date for this project is July 2012.

This additional earthwork cost \$200,000.00, excluding taxes and administration fees. \$35,000 of the originally approved contingency allowance will be utilized towards the cost of this work. The balance of \$165,000 is funded within the 2009 Capital Budget EN-1753-09 Sidewalk Construction on Kirby Road.

Summarized below in Table 1 is an illustration of the funding position for EN-1753-09:

TABLE 1

PROJECT FUNDING POSITION SUMMARY	
Capital Project	Kirby Road Sidewalk - Dufferin St to Keele St
	EN-1753-09
Approved Budget	1,030,000
Less: Exp. & Commitments to Date	(787,200)
Current Funds Remaining	242,800
Less: Additional Funding Request	
- Expenses Incurred	165,000
- Non-refundable HST (1.76%)	2,904
- Treasury Administration (3%)	5,037
Sub-total	(172,941)
Balance Remaining	69,859

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will pursue excellence in service delivery; assist in enhancing and ensuring community safety, health & wellness; lead and promote environmental sustainability which is consistent with the priorities previously set by Council. The new Kirby Road Sidewalk will ensure that the City continues to construct missing sidewalk links to improve pedestrian safety for the residents of Vaughan.

Regional Implications

Not Applicable.

Conclusion

The funds requested are required to ensure that sufficient funding is available to complete construction of this project. The time and quantities involved have been verified by Engineering Services staff. It is therefore appropriate to increase the contract value of Tender T11-034 – Sidewalk Construction on Kirby Road.

Attachments

1. Location Map

Report prepared by:

Gino Martino, B.A., C. Tech., Engineering Technologist - Capital, ext. 3151
Justin Metras, C. Tech., Manager of Construction Services, ext. 3140

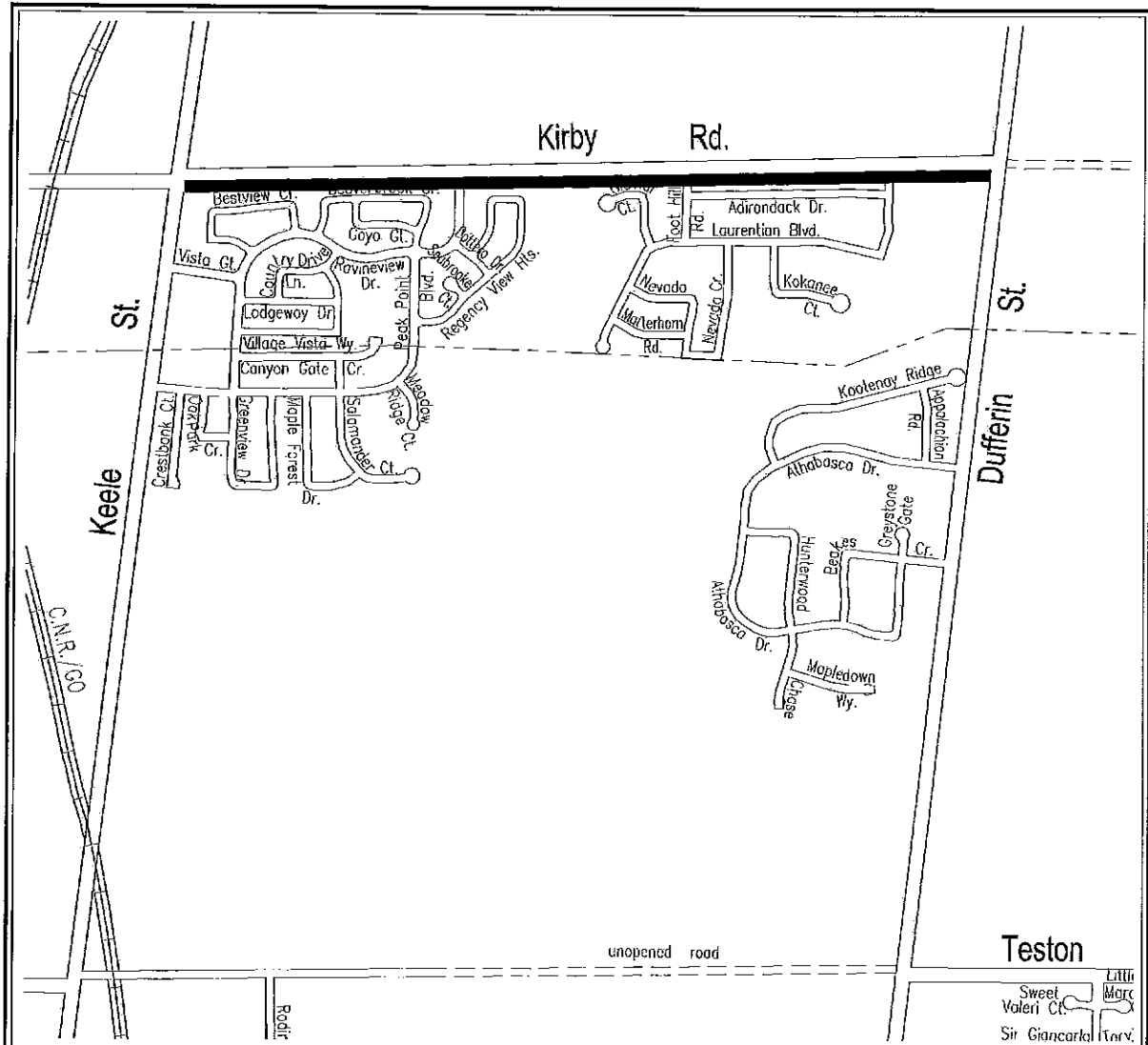
Respectfully submitted,

Paul Jankowski, P. Eng.
Commissioner of Engineering and Public Works

Jack Graziosi, P. Eng.
Director of Engineering Services

GM:mc

ATTACHMENT No. 1



KIRBY ROAD SIDEWALK FROM KEELE STREET TO DUFFERIN STREET

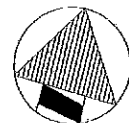
Location: Lot 30,
Concession 3

T11-034

LEGEND



PROJECT LOCATION



NOT TO SCALE