

COMMITTEE OF THE WHOLE – MAY 31, 2011

TORONTO-YORK SPADINA SUBWAY EXTENSION VAUGHAN METROPOLITAN CENTRE MILLWAY AVENUE WIDENING WARD 4

Recommendation

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

THAT Council authorize staff to reimburse the Toronto Transit Commission the certified cost attributable to the City which is associated with the additional widening of Millway Avenue between Highway 7 and Applemill Road to its ultimate five lane cross-section as recommended by the Commissioner of Engineering and Public Works or his designate with funding from Capital Project DT-7065-11.

Contribution to Sustainability

The Toronto-York Spadina Subway Extension (TYSSE) project will provide higher order transit infrastructure to support compact urban form and offer an alternative mode of transportation to the single occupant vehicle. In addition, the subway extension into the City will stimulate the establishment of transit orientated development in the Vaughan Metropolitan Centre and the Official Plan Amendment 620 (Steeles West Secondary Plan) area. The TYSSE is committed to applying sustainability standards in the design and construction of the subway project.

Economic Impact

The TYSSE has advised that the incremental cost associated with widening the realigned Millway Avenue to its ultimate five lane cross-section has been estimated to be \$486,500. The approved Capital Project DT-7065-11 (Millway Ave. Widening and Realignment) allocates \$6,592,000 for the design and reconstruction of Millway Avenue from Highway 7 to Portage Parkway, with funding from City-wide Development Charges. Accordingly, there are sufficient budgeted funds to cover this expense.

Communications Plan

The Toronto-York Spadina Subway Extension (TYSSE) Project team will be advised of the approved recommendations originating from this report.

Purpose

The purpose of this report is to seek Council's approval to reimburse the Toronto Transit Commission (TTC) for the incremental cost associated with the widening of Millway Avenue between Highway 7 and Applemill Road to its ultimate five lane cross-section which is being carried out in conjunction with the TYSSE project.

Background - Analysis and Options

The Toronto-York Spadina Subway Extension (TYSSE) project is an 8.6km extension from the existing Downsview Station northwest through York University within the City of Toronto and north to the Vaughan Metropolitan Centre. The TYSSE is scheduled to open for full revenue service to the Vaughan Metropolitan Centre (VMC) by the end of 2015. In order meet this in-service date, major construction has already begun.

Millway Avenue Widening

The ultimate vision for the Millway Avenue is to serve as a primary north-south multi-modal transportation corridor within the Vaughan Metropolitan Centre (VMC) Secondary Plan. The ultimate right-of-way configuration for Millway Avenue between Highway 7 and Portage Parkway includes a five lane cross-section, dedicated bicycle lanes, and ample space for high quality streetscape furnishings and pedestrian zones. A 33.0 metre right-of-way will be required to accommodate these features. Given the immediate proximity of Millway Avenue to the proposed VMC Subway Station and Highway 7 bus rapidway, it is likely that development activity along this corridor will occur in conjunction with, or soon after opening day for the subway.

The proposed horizontal alignment of the subway at the VMC Station requires that the existing Millway Avenue right-of-way between Highway 7 and Applemill Road (including all underground utilities) be relocated easterly from its current alignment at Highway 7 by approximately 30 metres. Accordingly, the TYSSE Project is responsible for replacing this portion of Millway Avenue in-kind. Any additional works beyond this base case can be carried out in conjunction with the TYSSE project at the City's expense.

Council, at its meeting on September 7, 2010, passed the following resolution:

"THAT the re-alignment of Millway Avenue between Highway 7 and Applemill Road be designed and constructed to its ultimate five lane urban cross-section in conjunction with the Toronto-York Spadina Subway Extension Project."

Based on this direction, staff requested the TYSSE project team to design Millway Avenue as a five lane road and include the additional works in the construction tender for the VMC Subway Station. This tender has been issued by TTC and is closing in late May 2011. It is anticipated that TTC will award the contract for the VMC Subway Station in the second week in June 2011. TTC has recently requested formal confirmation from the City before the construction contract is awarded that the City will reimburse them for the incremental cost associated with the widening of Millway Avenue.

Based on the 100% design submission, TTC has provided a pre-tender cost estimate for the additional widening of Millway Avenue as outlined below:

Millway Avenue widening (contract)	\$350,000
Project Management, Engineering, Design (25%)	\$ 87,500
Contingencies (10%)	\$ 35,000
Escalation to 2012 (4%)	<u>\$ 14,000</u>
Total Estimate	\$486,500

The cost associated with the additional widening of Millway Avenue is estimated to be \$486,500 excluding land costs. This estimate will be adjusted once the construction contract has been awarded. The Master Servicing Agreement between the City and TTC dated April 13, 2010 will be amended to include the Millway Avenue works once the details and costs are finalized.

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 pursuit of excellence in service delivery;
- Planning and managing growth, and economic vitality; and
- The demonstration of leadership and promotion of effective governance.

Specific Strategic Plan Initiatives applicable to the recommendations made in this report include Vaughan's corporate priorities to support and plan high capacity transit at strategic locations throughout the City. Accordingly, this report is consistent with the priorities previously set by Council.

Regional Implications

The Region of York is a partner in the Toronto-York Spadina Subway Extension project.

Conclusion

The widening of Millway Avenue between Highway 7 and Applemill Road to its ultimate five lane cross-section has been designed by TYSSE and included in the construction tender for the Vaughan Metropolitan Centre Subway Station. The City is responsible to pay the cost of the additional road widening. The TTC has requested confirmation that the City will reimburse them for the incremental cost associated with the widening of Millway Avenue before the construction contract is awarded. Accordingly, it is recommended that Council authorize staff to reimburse the TTC the certified cost associated with the additional widening of Millway Avenue as recommended by the Commissioner of Engineering and Public Works or his designate with funding from Capital Project DT-7065-11.

Attachments

Attachment 1: Location Plan

Report prepared by:

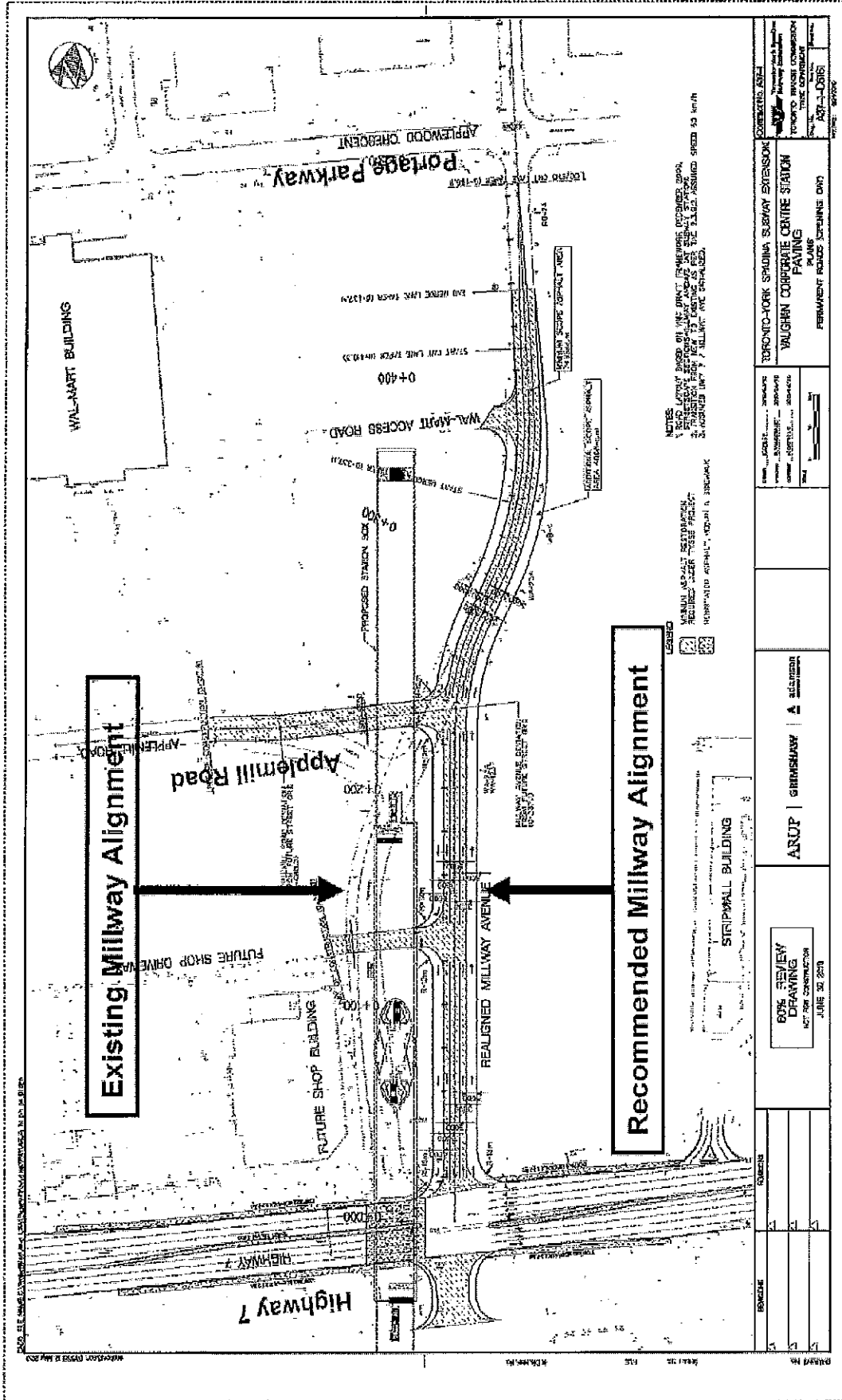
Andrew Pearce, Director of Development /Transportation Engineering, Ext 8255

Respectfully submitted,

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

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

Attachment No. 1



NOTES:
1. THIS DRAWING IS THE PROPERTY OF THE CLIENT. IT IS TO BE USED ONLY FOR THE PROJECT AND LOCATION AND AT THE PLACE ASSUMED SPEED 50 km/h.
2. ALL DIMENSIONS AND ELEVATIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
3. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND METHODS SHALL BE AS PER THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 11th EDITION, OCTOBER 2002.

REVISIONS:
1. REVISION 1: 04/06/2011
2. REVISION 2: 06/06/2011

DATE	DRAWN BY	CHECKED BY	SCALE	PROJECT INFORMATION			DRAWING INFORMATION		
				CLIENT	PROJECT	DATE	SCALE	SHEET NO.	TOTAL SHEETS
06/20/2011	J. ROBERTSON	D. GIBSON	AS SHOWN	TORONTO-YORK SPADINA SEAWAY EXTENSION	VAUGHN CORPORATE CENTRE STATION	1	1	01	1
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J. ROBERTSON				TORONTO-YORK SPADINA SEAWAY EXTENSION			VAUGHN CORPORATE CENTRE STATION		
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D. GIBSON				TORONTO-YORK SPADINA SEAWAY EXTENSION			VAUGHN CORPORATE CENTRE STATION		
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