
DATE: April 7, 2009

REPORT TITLE: **CONSTRUCTION OF 400MM (16 INCH) WATERMAIN ON QUEEN STREET EAST FROM CENTRE STREET TO REGIONAL ROAD 16 (KENNEDY ROAD)
CAPITAL PROJECT 08-1310
CITY OF BRAMPTON, WARDS 4 AND 5**

FROM: Dan Labrecque, Commissioner of Environment, Transportation and Planning Services

RECOMMENDATION

That additional funds of \$2,178,131 be provided to Capital Project 08-1310, financed from the Water Capital Financing Stabilization Reserve, R0241 for the construction of 400mm (16 inch) watermain on Queen Street East from Centre Street to Regional Road 16 (Kennedy Road) under City of Brampton Contract No. 2009-033.

REPORT HIGHLIGHTS

- Staff recommends that additional funds of \$2,178,131 be provided to Capital Project 08-1310, financed from the Water Capital Financing Stabilization Reserve (R0241).
- The City of Brampton is scheduled to commence significant road construction along Queen Street East under Contract No. 2009-033
- Watermain related work includes replacement and upsizing of existing infrastructure to enhance local water distribution system conveyance, redundancy and reliability.
- Increased costs are attributed to changes in design and length of watermain construction.

DISCUSSION

Background

The existing 300mm (12 inch) watermain located on Queen Street East in Brampton is approaching its expected lifecycle and requires replacement (See Appendix I Project Area). Pre-design proposed the replacement of 279m (915 feet) of existing 300mm (12 inch) watermain between Centre Street and Trueman Street. During detailed design, it was determined that 880m (2,890 feet) of existing watermain between Centre Street and Regional Road 16 (Kennedy Road) requires upsizing to 400mm (16 inch). The proposed watermain construction will enhance local water distribution system conveyance, redundancy and reliability. Increasing the size of the watermain will also ensure additional capacity for future intensification in the core of Brampton.

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Completing the required construction jointly under the City of Brampton Contract will alleviate the need to undergo further watermain construction along this section of Queen Street East for the foreseeable future.

All aspects of Contract No. 2009-033 titled "Queen Street Improvements and Acceleride Installation (Centre Street to Gateway Boulevard) Brampton, Ontario" will be managed by the City of Brampton, and their Contract Administrator. The project is scheduled to commence in June 2009. The estimated total cost of watermain related construction, contract administration and administration is \$3,085,500.

FINANCIAL IMPLICATIONS

It is proposed that the budget for Capital Project 08-1310 be increased from \$1,407,369 to \$3,585,500 (excluding applicable taxes), an increase of \$2,178,131 to be financed from the Water Financing Stabilization Reserves (R0241). The impact on Capital Project 08-1310 is as follows:

Internal Charges, Detailed Design Consulting Fees and Project Contingencies	\$ 500,000
Estimated Total Cost of Purchase Order to be issued to the City of Brampton	\$3,085,500
Total Project Budget Required	\$3,585,500
Approved Project Budget	\$1,407,369
Required Additional Funding	\$2,178,131

CONCLUSION

The proposed watermain construction will enhance local water distribution system conveyance, redundancy and reliability while also supporting additional capacity for future intensification in the core of Brampton. Completing the required construction jointly under the City of Brampton Contract will alleviate the need to undergo further watermain construction along this section of Queen Street East for the foreseeable future. Increased costs attributed to this project include a change in watermain design from installation of 300mm (12 inch) to 400mm (16 inch), as well as an increase of length from 279m (915 feet) to 880m (2,890 feet).

It is therefore recommended that additional funds be approved to allow watermain works to proceed in conjunction with City of Brampton road construction scheduled to commence in June 2009.

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Dan Labrecque
Commissioner of Environment, Transportation
and Planning Services

Approved for Submission:



D. Szwarc, Chief Administrative Officer



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c. Legislative Services
 Manager, Financial Support Unit (FSU)

APPENDIX I

ETP-A2-4

April 7, 2009



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DOCUMENT 2009-322T
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