
DATE: April 22, 2010

REPORT TITLE: **ADVANCEMENT OF CAPITAL PROJECTS 11-1146 AND 13-1145 FOR THE DESIGN OF WATERMANS ALONG MISSISSAUGA ROAD AND MAYFIELD ROAD
CITY OF BRAMPTON, WARD 6
TOWN OF CALEDON, WARD 2**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That detailed design and contract administration of the 600mm diameter feedermain on Mississauga Road from Sandalwood Parkway to Mayfield Road, included in the 2010-2019 Capital Forecast as Capital Project 11-1146 for \$1,135,000, financed from the DC Regional Water Reserve Funding, R3530 be advanced from 2011 to 2010 and approved in order for the detailed design to proceed in conjunction with the detailed design of the Alloa Feedermain prior to the Mississauga Road widening from Bovaird Drive to Mayfield Road scheduled for 2014;

And further, that detailed design and contract administration of the 900mm diameter feedermain on Mayfield Road from Mississauga Road to the future Alloa Reservoir, included in the 2010-2019 Capital Forecast as Capital Project 13-1145 for \$439,000, financed from the DC Regional Water Reserve Funding, R3530 be advanced from 2013 to 2010 and approved in order for the detailed design to proceed in conjunction with the detailed design of the Alloa Feedermain prior to the Mississauga Road widening from Bovaird Drive to Mayfield Road scheduled for 2014;

And further, that the Chief Financial Officer (CFO) be authorized to award the request for proposal to the successful vendor.

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REPORT HIGHLIGHTS

- The Region completed a Class EA Study Report and a Preliminary Design Report following the recommendations of the Water and Wastewater Master Plan to construct the Alloa Feedermain in 2011.
- The Region also identified in the Capital Plan additional 600 mm diameter feedermain and 900 mm diameter feeder mains to be constructed in 2011 and 2013 respectively within the identified Alloa Feedermain corridor.
- The Region suggests that all three feeder mains be constructed within similar timelines to complete all underground works prior to the Mississauga Road widening from Bovaird Drive to Mayfield Road scheduled for 2014 to minimize public disruption, project costs and duplication of work.
- To achieve this staff recommend the 600 mm diameter feedermain funded by capital project #11-1146 and 900 mm feedermain funded by capital project #13-1145 be advanced from 2011 and 2013 to 2010 respectively.
- Staff recommend that the detailed design and contract administration of the three infrastructure projects; the Alloa Feedermain, the 600 mm feedermain and the 900 mm feedermain, be bundled into one request for proposal (RFP) to ensure the works are coordinated and completed in the same time frame to minimize duplication of work and costs.
- Staff will issue a competitive request for proposal (RFP) for the detailed design and contract administration for all the feedermain works along the Alloa Feedermain corridor.

DISCUSSION

1. Background

The Region's 2007 Water and Wastewater Master Plan update identified the need to construct the Alloa Feedermain to meet municipal water demands for future development in the City of Brampton's North West Development Area.

The Region completed a Municipal Class EA Study Report and a Preliminary Design Report on December 2008, which identified that the preferred location for the Alloa Feedermain will be along Mississauga Road and Mayfield Road (Appendix I).

2. Proposed Direction

The Mississauga Road widening from Bovaird Drive to Mayfield Road is scheduled to commence by 2014. In order to have all the underground linear works completed simultaneously and on time, the 600 mm Mississauga Road and 900 mm Mayfield Road watermain Capital feedermain projects 11-1146 and 13-1145 respectively, identified in the 2010-2019 Capital Plan need to be advanced from the original schedule.

The 600 mm Mississauga Road and 900 mm Mayfield Road feeder mains are planned for construction within the identified Alloa Feedermain corridor. Completing all three projects in the same time frame prior to the Mississauga Road widening would significantly minimize public disruption and minimize duplication of work and project costs. As such, staff recommend that all three infrastructure projects be bundled into a single request for

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proposal for detailed design and contract administration so that one consultant is retained to undertake all the work within the identified area.

Staff will issue a competitive request for proposal for detailed design and contract administration for all the watermain works along the Alloa Feedermain corridor.

FINANCIAL IMPLICATIONS

The Capital Projects 11-1146 and 13-1145 are required to be advanced from 2011 and 2013 to 2010 in the total estimated amount of \$1,574,000, which is identified in the 2010 Ten Year Capital Plan.

Total financial implications are summarized as follows:

Project Number	Cost Description	Amount	Notes
Project 11-1146	Detail Design and Contract Administration	\$1,135,000	Project identified in 2010 Ten Year Capital Plan and to be advanced to 2010
Project 13-1145	Detail Design and Contract Administration	\$439,000	Project identified in 2010 Ten Year Capital Plan and to be advanced to 2010
Total Amount to be Advanced (excluding applicable taxes)		\$1,574,000	




Dan Labrecque
Commissioner of Public Works

Approved for Submission:



D. Szwarc, Chief Administrative Officer

 For further information regarding this report, please contact Imran Motala at extension 4066 or via email at imran.motala@peelregion.ca

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c. Legislative Services
 J. Macintyre, Director, Purchasing
 Manager, Financial Support Unit (FSU)

APPENDIX I

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ADVANCEMENT OF CAPITAL PROJECTS 11-1146 AND 13-1145 FOR THE DESIGN OF WATERMANS ALONG MISSISSAUGA ROAD AND MAYFIELD ROAD
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PROJECT 13-1145
900mm WATERMAIN

ALLOA RESERVOIR AND
PUMPING STATION

PROJECT 11-1146
600mm WATERMAIN

PROJECT 08-1210
ALLOA 1200MM
FEEDERMAIN

