
DATE: June 22, 2010

REPORT TITLE: **CONSTRUCTION OF SANITARY SEWERS AND WATERMANS ALONG WANLESS DRIVE AND CREDITVIEW ROAD
CAPITAL PROJECTS 08-1157, 08-2101, 10-2102, 10-2105 AND 12-2108
CITY OF BRAMPTON, WARD 6**

FROM: Dan Labrecque, Commissioner of Public Works

RECOMMENDATION

That the budget for the construction of 450mm (18 inch) sanitary sewer on Wanless Drive from Creditview Road to approximately 350 metres (1148 feet) easterly, included in the 2010-2019 Capital Forecast as Capital Project 12-2108 in the amount of \$313,543 (excluding applicable taxes), be advanced from 2012 to 2010 as Capital Project 10-2102 and approved in order to construct the sanitary sewer in advance of the City of Brampton's road reconstruction project on Wanless Drive;

And further, that the budget for Capital Project 08-2101 for the design and construction of three (3) sanitary sewer crossings be increased by \$158,054 from \$242,200 to \$400,254, financed from DC Regional Wastewater Reserve R3525, in order to construct the sanitary sewers in advance of the City of Brampton's road reconstruction of Wanless Drive;

And further, that Capital Project 10-2105 for the design and construction of the 375mm (15 inch) sanitary sewer on Wanless Drive in the amount of \$228,000 (excluding applicable taxes) and financed from DC Regional Wastewater Reserve R3525 be closed and that the \$228,000 be returned to the DC Regional Wastewater Reserve, R3525, as this work is no longer required due to changes in development plans;

And further, that the budget for Capital Project 08-1157 for the design and construction of six (6) sections of watermain on Wanless Drive be increased by \$545,100 from \$718,800 to \$1,263,900, financed from DC Regional Water Reserve R3530 in the amount of \$465,700, and from External Recovery Account 86434 in the amount of \$79,400 (developer funding), in order to construct the watermain in advance of the City of Brampton's road reconstruction of Wanless Drive.

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REPORT HIGHLIGHTS

- The Municipal Environmental Secondary Plan (MESP) process for servicing the lands north of Wanless Drive and South of Mayfield between Creditview Road and Chinguacousy Road has identified the need for additional sanitary sewers and watermain.
- The Region of Peel proposes to build the sanitary sewers and watermain under a separate contract in advance of Phase Two of the City of Brampton's road reconstruction project on Wanless Drive Road in keeping with sound construction practices.
- The new sanitary sewers were originally proposed to be constructed in 2012 under Capital Project 12-2108. It is proposed that this Capital Project be advanced from 2012 to 2010, as Capital Project 10-2102.
- Capital Project 10-2105 is no longer required due to changes in development plans, and it is proposed that the funding for this project be returned to DC Regional Wastewater Reserve, R3525, to help offset project cost increases in Capital Project 08-2101.
- Additional funding is required for Phase One of the Brampton's road reconstruction project on Wanless Drive Road under Capital Projects 08-2101 and 08-1157 due to changes in scope related to protecting the buried infrastructure, realignment of the watermain and administrative costs.

DISCUSSION

1. Background

The Municipal Environmental Secondary Plan (MESP) process for servicing the lands north of Wanless Drive and South of Mayfield between Creditview Road and Chinguacousy Road has identified the need for additional sanitary sewers and watermain.

The construction of sanitary sewers and watermain were included as part of a joint contract with the City of Brampton's Phase 1 – Road reconstruction project on Wanless Drive Road between Chinguacousy Road and Creditview Road under Capital Projects 08-2101 and 08-1157. Cost overruns in the associated Phase 1 projects of \$703,154 have been realized due to changes in scope related to protection of existing infrastructure, re-alignment of proposed works, as well as City of Brampton construction administration fees. Additional funds of \$158,054 are required to fund the shortfall for the three sanitary sewer crossings under Capital Project 08-2101 and \$545,100 is required to fund the shortfall on the watermain project under Capital Project 08-1157.

Phase 2 of the City of Brampton's Road Reconstruction Project on Wanless Drive Road was delayed in order to acquire the necessary land. Now that the land has been acquired, the City of Brampton intends to commence road construction early in 2011. The Region intends to complete the associated buried infrastructure projects in advance of the City of Brampton's road reconstruction project to allow ground fluctuations and trench settlement to occur so that they can be eliminated as part of the road reconstruction project, optimizing the quality of the final pavement surface.

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A 450mm (18 inch) sanitary sewer along Wanless Drive was originally proposed for construction in 2012 in conjunction with Phase 2 of the City of Brampton's road reconstruction. Staff are recommending that this project in the amount of \$313,543 be advanced from 2012 to 2010 to accommodate the City of Brampton's construction schedule and undertake the buried infrastructure component in advance of their road reconstruction timing.

By advancing the sanitary project and funding the existing projects shortfalls, it will allow the Phase 2 work to be constructed under a separate contract, provide the buried infrastructure trenches one full winter season to settle and accommodate the City's construction timetable of early 2011.

FINANCIAL IMPLICATIONS

The financial impact of this proposal to the Wastewater Capital Program will be to advance funding from proposed Capital Project 12-2108 in the amount of \$313,543, financed 90 per cent or \$282,189 from DC Regional Wastewater Reserve, R3525 and 10 per cent or \$31,354 from DC Regional Wastewater out-of By-law (OBL) Reserve, R3625, from 2012 to 2010, as Capital Project 10-2102.

Further, this proposal will require additional funding in the amount of \$158,054 from DC Regional Wastewater Reserve, R3525 for Capital Project 08-2101 and it will also return \$228,000 to DC Regional Wastewater Reserve, R3525 from Capital Project 10-2105.

The financial impact of this proposal to the Water Capital Program will be to require additional funding in the amount of \$545,100 to Capital Project 08-1157, of which \$465,700 is from DC Regional Water Reserve, R3530, and \$79,400 is from External Recovery Account 86434 (developer funding).

CONCLUSION

This report enables Peel Region to effectively align needed water and sewer infrastructure with the City of Brampton's Road Program providing improved customer service by minimizing construction impacts through coordination of works with minimal overall financial impact.

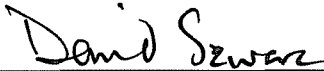
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Dan Labrecque
Commissioner of Public Works

Approved for Submission:



D. Szwarc, Chief Administrative Officer

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APPENDIX I

June 22, 2010



CONSTRUCTION OF SANITARY SEWERS AND WATERMAINS ALONG WANLESS DRIVE AND CREDITVIEW ROAD CAPITAL PROJECTS 08-1157, 08-2101, 10-2102, 10-2105 AND 12-2108 CITY OF BRAMPTON, WARD 6

