

The County of Peterborough

Waste Management Committee

To: Chair and Members of Committee

From: Laurie Westaway, Manager of Environmental Services

Date: May 16, 2011

Subject: Bensfort Road Reconstruction

Recommendation: Receive for Information

Financial Impact: None in excess of budget

Background:

In the June 2002 Agreement, signed between City/County and Otonabee South Monaghan Township, under section 5, there is a commitment to improve Bensfort Road to County standards within one construction season of the receipt of waste in the North Fill Area. The North Fill Area officially started receiving waste in October of 2010. The County has taken the administrative lead on this project.

The upgrade of Bensfort Road is a joint effort between the City and County of Peterborough to meet the design standards set out by the Ministry of Transportation (MTO) and adopted by the County of Peterborough. The section of road to be constructed extends from the City of Peterborough's south City limit, southerly to County Road No. 2, measuring approximately 7 km.

The Project:

The existing road requires widening the existing 66 foot Right of Way (ROW) to a 100 ft ROW. This requires the acquisition of 5 meters (17 ft) on both sides of the road. The travelled asphalt road surface will be 7.0 meters wide with 2.0 meter wide gravel shoulders and will have relatively the same horizontal and vertical alignment (elevation) up to Baseline Road. From Baseline Road south full reconstruction will be required to achieve the necessary vertical standards associated with an 80 km/hr speed on the road.

The County has completed topographic surveys (locations and elevations) of all of the existing road, ditches, buildings, utilities. The County has also handled communications with property owners and communications regarding utility relocations.

The County hosted an open house, in Stewart Hall on February 9th, 2011 to show the proposed new design of the road and the proposed box culvert replacements south of the landfill site. The County is currently finishing final edits of the road design now. Hydro One has moved all their required poles and Bell are transferring their lines to them.

To the north end of Bensfort Road is the Yankee Bonnett/Cold Springs wetland and bordering the south side of Storrel Road the Otonabee Midriver Complex, both being "provincially significant wetlands" (P.S.W.). The PSW's require permits from Otonabee Region Conservation Authority (ORCA) and the Department of Fisheries and Oceans (DFO). To complete these necessary biological studies and reports the County hired an environmental biological consultant. The applications for these permits are complete and final approval(s) are expected prior to project start.

The leachate forcemain that travels from the landfill site to Peterborough Wastewater Treatment Plant will also be updated with new manhole structures along the shoulder of the road.

Tender documents for this project will be out in late May and the project is scheduled for construction in July 2011.

Conclusion:

The total project cost is \$5,615,000 and has been in City and County approved budgets for 2010 and 2011.

Given the present condition of the road, with limited shoulders and substandard vertical curves (hills), the safety of both the residents living and travelling through the area along with the multiple truck drivers travelling to the landfill site is of serious concern. The desire of many for improvement along this section of road has been recognized and soon will be fulfilled by the construction of this project.

Respectfully submitted,

Laurie Westaway