

UEM lands Watermains Project for the Region of Peel

The Region of Peel recently awarded UEM the project to conduct Class Environmental Assessment and Detailed Design for watermains in various locations within the City of Brampton. For this project, UEM will provide Preliminary Design and Detailed Design for 13 separate watermains. Other specific tasks to be performed as needed include: geotechnical work, hydrogeology, structural engineering, landscape design, and CAD support. Out of the 13 watermain projects, seven are for residential areas and six of which are located in commercial/industrial areas. In total, approximately 5,600 metres of watermain replacement. The watermains range in size from 150 mm to 400 mm diameter and from 71 metres to 1,098 meters in length. There is no contract administration or site observation required as part of this project. However, support during tender and construction will be provided as requested by Peel. The purpose of this assignment is to evaluate the present watermain service connections, the many utility installations and how this impacts the flow of traffic and the public in the given locations. One of the challenges is to arrive at the best solution to allow decommissioning of the existing watermains and replacement with the new distribution main. This assignment started in June 2009 and tenders for the work are expected to be completed in December 2009. Leading this project from UEM is Tony Barton, P.Eng. from our GTA office. He is supported by George Wagenaar, P.Eng. and Elizabeth Hinton, B. Eng.

