



July 10, 2017

### Call for Abstracts

#### Trenchless Technology Road Show 2018, London, ON

##### “Curved Microtunnelling under Airport Road”

CRS Tunnelling was awarded a contract for the Construction of the Airport Road Storm Sewer from the International Centre to Derry Road, in the City of Mississauga, Region of Peel. The project involved the construction of a 1200mm diameter storm sewer by microtunnelling, along with the construction of both launch and retrieval shafts, installation of manhole structure, open cut works, and final restoration of effected roadways.

This paper discusses the challenges overcome in completing the 293m long curved microtunnel drive, working within a very tight centre median, mixed ground conditions, construction of the shafts, tunnel, and manhole structures, while maintaining traffic control on an extremely busy road and minimizing the impact to surrounding stakeholders. Proposed changes to the original project design to facilitate construction and reduce traffic impacts will also be discussed.

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