



HIGHWAY CONTRACT: IT-2010-CIG-089 TORONTO MAY 2011

Georgetown South GO Rail Corridor between Weston Road and Islington Ave, Toronto

PROJECT OWNER

Metrolinx

Metrolinx, an agency of the Government of Ontario is the project owner. Bot Engineering and Construction Limited was awarded General Contractor through public tender. AECOM is the Contract Administrator.

PROJECT DESCRIPTION

New construction of two bridge structures and Segment 7 grading, for Georgetown South GO Rail Corridor at Humber River and Weston Road, Toronto, over 1.6km. Expansion from 1 to 4 tracks of the existing bridge over the Humber River (180m span / 20m at max height); modification and widening of 8 piers and 2 abutments; tracks of precast

prestressed concrete segments supported on 9 structural steel spans, 20m length. New precast concrete pedestrian tunnel, 40m length.

Demolition and replacement of the existing single track rail overpass at Weston Road with 4 track structure of precast, prestressed concrete segments, supported on 4 structural steel spans 23m in length. Re-profiling of Weston Road. Installation of retaining wall (armour stone/300m, bin wall/500m and precast concrete /500m). Protection and relocation of fiber optic cable. Works include excavation and grading, and installation of oil/grit separator, sanitary sewers, catch basins, storm sewers and watermain, curb and sidewalk, signals and electrical, permanent shoring and noise barrier wall and asphalt paving.

BOT PROJECT PROFILE

ACTIVITIES OF NOTE

Construction will be staged to allow for the continuous flow of pedestrian and post-construction vehicular and rail traffic, and will involve local traffic detours on Weston Rd., temporary track crossings and staged track diversions. Planned closures include a weekend closure of the GO track (Fall 2011) for the installation of the pedestrian tunnel and an overnight closure of Weston Rd. for the demolition of the existing Weston Rd. structure. Construction of 3, in-water pier structures will require coffer dams. Works require tunnel boring and drilling for caisson installation.

Work is subject to MOE and DFO restrictions, including 'out of water' restrictions March 31 to July 1, MOE and City of Toronto noise and vibration requirements, the City of Toronto Tree Protection Policy and to the contractor's Noise and Vibration Monitoring Plan and Environmental Protection Program and Monitoring Plan. The contract includes measures to protect migratory birds at nesting and post construction landscape restoration.

Equipment on-site will include excavators, dozers, rock trucks, tunnel boring machines, drill rigs, 300-400t cranes for girder erection. Works includes placement of 50,000m3 of granulars and 100,000m3 of earth excavation.

Unauthorized persons are strictly prohibited from entering the work zone/contract right of way. The work area is subject to the safety policies and procedures of CNR, Metrolinx and Bot Engineering. Hours of work are Sun.-Sun., 7am – 7pm.

BOT CONSTRUCTION PROJECT TEAM

			
MARK DI CARLO, P. ENG. <i>Project Manager</i>	STEVE ZEPPIERI, CET <i>Project Superintendent</i>	JOHN HIPWELL, RCSI <i>Project Coordinator</i>	RAVI HARIPRSHAD <i>QC and Environmental Administrator</i>

CONTACT INFORMATION

For information about Bot Construction:

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For information about the construction project:

METROLINX COMMUNITY RELATIONS
(416) 241-2300

BOT CONSTRUCTION GROUP
GENERAL CONTRACTORS