



HIGHWAY CONTRACT: 11-293 TOWN OF MILTON SEPTEMBER 2011

Grade Separation and Reconstruction

PROJECT OWNER

Corporation of the Town of Milton

The Corporation of the Town of Milton is the project owner. Bot Engineering and Construction Limited was awarded General Contractor through lowest bid, public tender. McCormick Rankin Corporation is the Contract Administrator.

For information about the project or to view a three dimension animated model of the completed project visit the Town of Milton website at:

www.milton.ca/en/live/mainstreetunderpass.asp

PROJECT DESCRIPTION

New construction of a grade separation for CPR tracks, a new service road and the realignment of Main Street, east of Ontario Street to Wilson Avenue, in the Town of Milton.

Four pier bridge/track structures, 7m at max depth of underpass; structural steel girders 64m in length; cast in place concrete piers and abutments; steel deck plate; cast in place retaining walls of 350m in length. On-site assembly of steel superstructure.

Reconstruction of Main Street to 4 lanes; storm sewers, curb and sidewalk. Works include shoring, excavation, grading, draining, granular base, light standards, traffic signals, pedestrian signals and hot mix paving and concrete works for retaining walls and CPR substructure.

BOT PROJECT PROFILE

ACTIVITIES OF NOTE

Construction works will be staged through the duration of the project to allow for the continuous flow of traffic through the work zone and to accommodate the relocation of underground fiber optic and public utilities services.

Work will require multiple CPR track diversions, staged through the course of the project, to allow for switches to temporary and new permanent track, and will involve temporary closures of the rail line and Main Street. Electronic message boards will provide notice of traffic restrictions, including permitted weekend closures of Main Street between the Milton Mall and Wilson Avenue. Heavy equipment deployed on the project will include a 500 tonne crane for erecting pre-assembled steel girders, drill rigs for shoring installation, excavators, dozers, loaders, tri-axle trucks and rollers.

Works will involve earth excavation (60,000m3) and placement of crushed aggregates (55,000t) and surface course asphalt (8,600t). Controls for rain and ground water management include sediment filtration bags and rock check dams.

The contract includes tree protection and dust control measures and preconstruction/seasonal requirements to prevent disturbance of protected migratory birds. Normal hours of operation of 7am – 5pm, Monday to Friday. Some night and weekend work.

**BOT
CONSTRUCTION
PROJECT TEAM**



JORGE CADETE, B. ENG.
*Manager,
Southern Ontario Region*

NATHAN CHEVREFILS, M.E.T.D.
Project Superintendent

CONTACT INFORMATION

For information about Bot Construction:

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For information about the construction project:

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**BOT
CONSTRUCTION
GROUP**
GENERAL CONTRACTORS