



HIGHWAY CONTRACT: MTO 2010 - 6003 THUNDER BAY

SEPTEMBER 2010

PROJECT OWNER

Ontario Ministry of Transportation (MTO)

Bot Construction received the award for General Contractor for the bid, build project, through lowest bid tender. Cook Engineering (a division of Genivar LP) is the Contract Administrator. The project is part of the MTO's Northern Ontario Highway Program. For more information about the contract and the project completion date, contact MTO-Northwestern Region, Thunder Bay, Ontario.

PROJECT DESCRIPTION

Four lane expansion /twinning of Hwy 11/17 over 14.5 km with 30m dividing median, from 3.5 km west of Hwy 587, westerly for 14.5 km, in the Township of Shuniah at Thunder Bay. The contract includes a 7 year, Contractor Pavement Design (CPD) warranty. Works include: large scale rock and earth excavation and embankment; granular production; installation of structural and box culverts; realignment of access to existing Highway 11/17 and a new access at Birch Beach Road; grading, drainage, hot mix paving and electrical.

BOT PROJECT PROFILE

ACTIVITIES OF NOTE


Beginning Fall 2010, clearing and excavation for construction of new four lane highway over a 14.5 km distance (10 km new highway, 4.5 km twinning of existing highway 11/17), at steep gradient along the north slope of Lake Superior; new access to Hwy 11/17 at Mackenzie Station Rd. and the extension of Lakeshore Drive to new Hwy 11/17. Numerous named and unnamed environmentally sensitive watercourses intersect the project area.

Works involve some 750,000m3 of rock excavation, 1,000,000m3 of earth excavation and embankment, placement of 600,000t of granular for road bed, and asphalt surface paving with a contractor warranty for pavement design and road construction to specification for 7 years following completion of applicable works. Requirements include time-sensitive, in-situ modification and installation of culverts at 49 locations, including concrete box culverts and galvanized CSP culverts of up to 85 m in length. In-water operations will be restricted to June 15th – August 31st, to protect sensitive fish/aquatic habitat. Works will be performed under permit from DFO and MOE. Applicable operations will be scheduled to follow, in tandem with archeological investigations. Environmental protection measures will be carried out under Bot Construction's Environmental Management System. Works also include relocation of hydro towers and poles, and installation of an Advanced Highway Management System (signage & traffic lights). Equipment operations: excavators, loaders, rock trucks, pile-drivers, cranes, graders, dozers and tri-axle dump trucks.

Hours of operation: 7am – 6pm (daylight hours in winter). Blasting for rock excavation: during daylight hours, except between 6 – 9 am and 3 - 5:30 pm while school is in session. Alternating lane closures are anticipated, especially for the 'twinning' portion of works; the contract also provides for full closures of 20 minute durations, or longer if deemed necessary. For public safety, snowmobiles and ATVs will not be permitted on the construction site.

On a seasonal average, Bot expects to directly employ 75 people on the project, and will subcontract with numerous local companies for additional related services.

**BOT
CONSTRUCTION
PROJECT TEAM**

			
GUS CHIARELLO <i>Manager, Northern Ontario Operations & Project Manager</i>	MIKE BEATTY, C.E.T. <i>Manager, Quality/Environmental Management Program</i>	TOM COLLIE, A.Sc.T. <i>Manager, Project Administration Northern Ontario</i>	CALEB BOULET, EIT <i>Project Coordinator</i>
34 yrs. experience in highway/bridge construction.	20 yrs. experience in highway/bridge construction.	16 yrs. experience in highway/bridge construction.	6 yrs. experience in highway/bridge construction.

CONTACT INFORMATION

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**BOT
CONSTRUCTION
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GENERAL CONTRACTORS