

## Lakeshore Drive Bridge Class EA & Final Design

Client: City of North Bay

Year: 2012



### SERVICES PROVIDED

The Lakeshore Drive bridge is a 6.1 m single span monolithic concrete structure built c1935 which has been modified twice with the addition of concrete rigid frame extensions to widen the structure. The structure crosses the La Vase River in North Bay west of Pinewood Park Drive. CCTA completed the Schedule B Class EA and the scope of work was then extended to include preliminary design and further extended to include final design and tender preparation. Due to available funding grants for a sewer extension project to be tendered concurrently, the City required that CCTA complete the final design for replacement of the structure with a new precast concrete rigid frame structure within 3 ½ months so the work under the structure would be complete prior to the sewer project reaching the bridge. This project also involved coordination for bell and hydro relocations, property acquisition from the MTO, corridor approval from the MTO, approval from the local conservation authority, and extensive coordination with the sewer extension consultant, all within the shortened timeline. CCTA also coordinated approvals with Transport Canada for NWPA, and the MOE for a Permit to Take Water. Construction is scheduled for fall/winter 2012-2013.

Key Staff: Emma Wilkinson, Terry Smart, Bill Van Ryn



**C.C. Tatham & Associates Ltd.**  
Consulting Engineers

Collingwood

Bracebridge

Orillia

Barrie

email: [info@cctatham.com](mailto:info@cctatham.com)  
web: [www.cctatham.com](http://www.cctatham.com)