

## Canal Road Culvert Replacement

Client: Township of Ramara

Year: 2012-2013



### SERVICES PROVIDED

This project involved engineering design, construction inspection and contract administration for the replacement of an existing concrete box culvert with a "Trenchcoat" 2.5 mm thick round corrugated steel pipe with a 2.2 m diameter. The road embankment over the culvert was stabilized with the installation of a wire basket retaining wall for approximately 15 to 20 metres each side of the two culvert ends. Approximately 40 m of the existing road was reconstructed including new granular bases, asphalt and steel beam guiderail. Work was completed in Spring 2013 at a cost of \$192,000.

Key Staff: Tim Collingwood, Ted Kruska, Brent Cuming



**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)