



MUNICIPAL INFRASTRUCTURE

Cookstown Watermain Extension, Design and Construction

**15th Line, County Road 89,
Town of Innisfil**

Client: Town of Innisfil Location: Cookstown, Ontario

As the Town of Innisfil continues to grow, communities within are expanding, placing increasing demands on municipal infrastructure. The Cookstown community is currently serviced by a well based drinking water system. To help ensure water quality standards are met on an ongoing basis, and to ensure sufficient supply as they continue to grow, the community is being connected to the municipal water supply from the Alcona water treatment facility via the Alcona – Bradford Transmission main. A suitably sized watermain was required to join the existing Cookstown Standpipes and distribution system to the transmission main located approximately 9km to the east.

GREENLAND was retained by the Town of Innisfil to undertake the design and approvals necessary for this project, including updating the Municipal Class EA, as well as tendering and administering the construction contract. The project includes approximately 9km of 300mm diameter watermain incorporating trenchless crossings of a creek, and trenchless tunneling beneath highway 400.

Beginning at the Cookstown Standpipes and travelling east along the 15th Line, these works cross beneath Highway 400, running parallel to a drainage watercourse along County Road 89 before connecting to the transmission main at the intersection with Yonge Street in Fennel's Corner. The majority of the installation requires coordination with, and access permissions from the County of Simcoe as well as the Ministry of Transportation to install the watermain within their right of ways. In addition to these agencies, communications with the businesses along the route and the Nottawasaga Conservation Authority were integral to the design.

Construction was completed in the Spring of 2013.

