



The existing road surface and sidewalks of Sykes Street in Meaford were showing signs of deterioration in 2004.



In July of 2005, the watermains have been replaced and the new road surface is finished. New sidewalks with colour patterned concrete, new curbs and gutters, street lighting and streetscaping completed the road restoration.

Sykes Street Watermain Replacement Municipality of Meaford

In 2004, the Municipality of Meaford retained the Ainley Group to undertake the replacement of watermain and water services on Sykes Street between Nelson Street and Boucher Street, a distance of approximately 380 metres. It was proposed that the existing 100, 150 and 200-mm diameter cast iron watermains (installed in 1894 and 1962) be replaced with a single 200-mm diameter ductile iron pipe. The replacement of the old watermains and associated services was required to provide improved water circulation within the immediate area. The work also included municipal road improvements in this area. More specifically, the work included the following:

- Watermain replacement including fire hydrants
- Road restoration including excavation, granular, asphalt, curb, sidewalk, tree plantings and other miscellaneous items
- Street lighting including duct and cable installations.

The watermain replacement was scheduled for the fall of 2004, but the lack of qualified contractors postponed the work until the spring of the following year. Work was started in the second week of April, with an anticipated duration of 10 weeks. At the height of construction, even though the entire existing road surface and sidewalk on Sykes Street were removed, traffic flow was maintained. A 'Certificate of Substantial Performance' was issued on July 7, 2005.

Project Facts

Client: Municipality of Meaford

Scope of Work:

- Preliminary and detailed design
- Contract administration
- Construction monitoring:
 - Watermain removal and replacement
 - Installation of new water services
 - Roadwork - removal and replacement of asphalt, concrete sidewalk and curb and gutter
 - Electrical - ducts, cabling and concrete footings for new streetlights
 - Streetscaping – supply and installation of new trees, tree grates and frames and coloured pattern concrete.

Project Cost: \$924,300 (2005)