

Ottawa, Ontario

Sclairpipe Watermain Reline



Sclairpipe high density polyethylene (HDPE) pipe enabled the Region of Ottawa – Carleton to save time and money during the restoration of a deteriorating 915 mm (36”) diameter cast iron watermain. During the busy summer months, the 82-year-old cast iron watermain under Gloucester Street (one of the busiest streets in downtown Ottawa) was sliplined with Sclairpipe, instead of using traditional open-cut construction.

Sclairpipe was the pipe material of choice for its superior abrasion resistance and flexibility to negotiate minor bends during the trenchless sliplining installation. The watermain rehabilitation project utilized approximately 1,500 metres of 33” DR 17 Sclairpipe. The pipe was grouted in place and is expected to have a service life in excess of 50 years, based on a study performed by National Research Council of Canada.

Project:
Gloucester Street Watermain Rehabilitation, Ottawa, Ontario

Owner:
Region of Ottawa - Carleton

Application:
Trenchless sliplining using 33” DR17 Sclairpipe HDPE pipe

Engineer:
Robinson Consultants

Contractor:
Dufferin Construction