

Winnipeg, MB

Culvert Reline with Weholite



The City of Winnipeg decided in late 2010 to rehabilitate a large culvert under Portage Ave., a major highway through the city using Weholite high density polyethylene (HDPE) pipe. The Weholite culvert lining system is a no-dig solution for repairing culverts because it does not require excavation and does not require road closures or disruptions to traffic. In addition, no extensive equipment or training is necessary to install the Weholite pipe liner.

A unique feature of Weholite with “threaded” ends is that it does not require fusion or extrusion welding to join the pipe sections together. The Weholite pipe with “threaded” ends are screwed together on site using pipe straps for small pipe liners and excavators or backhoes with chains for larger pipe liners. Once the Weholite pipe is joined, it is inserted inside the distressed or failing culvert and grouted into place.

The Weholite pipe liner was installed in February, 2011. In total, the contractor installed 165’ of 84”ID RSC250 Weholite pipe.

View from inside installed Weholite pipe liner

Project:
Portage Ave. at Truro Creek
Culvert Relining

Owner:
City of Winnipeg

Application:
Culvert Sliplining

Distributor:
Wolseley EPG – Manitoba

General Contractor:
Tri-core Projects Manitoba
Ltd.