

St. John's, Newfoundland and Labrador

Failing culvert rehabilitated with Weholite®



72" Weholite sliplined into existing CMP culvert

During the January cold in 2008, the City of St. John's and their contractor were busy rehabilitating a large Corrugated Steel Pipe culvert in the Goulds area. This distressed culvert showed signs of imminent failure and needed to be rehabilitated almost immediately. The City evaluated several options and concluded that Weholite pipe would be the solution for the emergency work.

The 72"ID RSC250 Weholite pipe was readily available and modified with the installation of 14 ribs at the factory to meet local requirements. The innovative piping product allowed for the installation at sub-zero temperatures and ensured that pipe damage during handling and installation would be kept to a minimum. The contractor installed the lightweight pipe quickly and easily with standard construction equipment. The project was completed in the matter of days and was such a success that the contractor indicated that they would like to install more of these liners in the future.

Weholite, a closed profile HDPE pipe with a service life of 100+ years is expected to provide uninterrupted service to the public traveling over this culvert for many years to come.

Project:

Culvert slipline under Hwy 10 to Southern Shore

Owner:

City of St. John's

Application:

72"ID RSC250 Weholite culvert slipliner

Distributor:

Emco - Waterworks

General contractor:

Farrells Excavating