

Date Submitted: 01/11/2016

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Abstract Title: channelling in a brick sewer under 7 of the premiers of British Columbia

Abstract Theme: Trenchless Rehabilitation Using CIPP and GRP

Abstract:

Abstract for BC Road Show 2017

Richmond BC

The installation of Channelliner under Ross Bay cemetery in Victoria BC.

A brick sewer was installed in the late 1800's to fill in a gully allowing a cemetery to be built on the reclaimed land.

The storm sewer is in danger of failure and needed to be rehabilitated.

However, its cross-section is a half-circle from 9.0 through 12.00 to 3.00 and a gentle V in the invert. It is approximately 1.6m wide and 1.2m high. The alinement also goes through 10 horizontal bends of 5 degs. to 45 degs. and 4 vertical steps of up to 1m in high in the floor. Thus, any liner product had to be brought into the pipe and through these vertical and horizontal transitions. There was to be no access to the 270 m long pipe except at the ends and through one pit 4m X 2.4m in the middle.

We will describe the process of assessing the pipe , ordering the product and installing the liner.