

## Product Evaluation



Product ID: 8090-2-6-3  
Initiation Date: July 2015  
Revision Date: July 14, 2016  
Expiry Date: July 2026

### RE: Review of Insitupipe

#### **PRODUCT**

Insitupipe is manufactured and distributed by Insituform Technologies Ltd located in Edmonton, Alberta

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

Insitupipe System curried-in-place pipe (CIPP) is a jointless, seamless, pipe-within-a-pipe used to rehabilitate sanitary sewers, storm sewers and including corrugated metal culverts. Insitupipe provides the least cross-sectional reduction of all methods used to rehabilitate pipes. Product web link: <http://www.insituform.com/>

##### **DESCRIPTION**

Insitupipe CIPP system restores structural integrity of damaged drainage pipes. The Insitupipe method provides the least cross-sectional reduction of all methods used to rehabilitate drainage pipes. Despite the cross-sectional reduction, the smooth, jointless interior of the Insitupipe system typically improves flow capacity. The smooth interior also provides excellent abrasion resistance.

##### **POTENTIAL USAGE**

Insitupipe offers flexibility in both the method of installation and the cure process. Insitupipe can be pulled into place or inverted with either air or water. The cure can be done by steam or hot water. Insitupipe has the capability to rehabilitate drainage pipes ranging in diameter from 6 to 96 inches and negotiate bends.

Insitupipe has been used to rehabilitate drainage pipes in many jurisdictions for several years including the city of Edmonton.

##### **STANDARDS**

ASTM F1216  
ASTM F1743  
ISO 9001 : 2008

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has no experience with this product. Alberta Transportation has rehabilitated many culverts using plastic and steel liners.

##### **APPLICABLE STANDARDS**

Alberta Transportation specification 2.22 Plastic Culvert Extensions and Culvert Liners

##### **RECOMMENDATIONS:**

Insitupipe System be listed as a Trial Product under Alberta Transportation Products List, Culverts – Culvert Liner – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

#### **TRIAL PROJECTS**

Hwy 16 – East of Junction Hwy 21 (750 dia) installed June 2016

Joe Filice

cc New Product Evaluation Standing Committee – Roger Skirrow  
Caroline Watt/Dave Besuyen/Junaid Iqbal  
James Poole/Jim Gavin