

**Main Presenter: David O'Sullivan**

**Abstract Title: A model for culvert rehabilitation**

**Email:** david@pwtrenchless.com

**Phone:** (604) 580-0446

**Organization Name:** P W Trenchless Const Inc

**Address 1:** 11618 130 st

**Address 2:**

**City:** Surrey

**Province/State:** B C

**Postal/Zip Code:** V3R2Y3

**Country:** CA

**Secondary Presenter:**

**Email:**

**Organization Name:**

**Tertiary Presenter:**

**Email:**

**Organization Name:**

**Other Presenters:**

**Abstract Theme:** Regulatory Frameworks; Risk Assessment, Management and Communication; Change Management and Organizational Behaviour

**Abstract:**

Culvert rehabilitation in BC

BC Roadshow 2017

British Columbia has 1000's of culverts under all kinds of roads owned in turn by the Ministry of Highways and local governments. The assessment of these culverts is now becoming a reality and their condition and rehabilitation is becoming a major issue.

We have demonstrated time and time again that rebuilding these pipes after failure costs about 4 times the cost of rehabilitation. An ounce of prevention is ¼ the cost of a cure.

We at PW Trenchless have developed a process which we call "the Culvert way". It is a design build process that is able to move very rapidly and completes the rehabilitation of culverts in a cost effective, easy, efficient and seamless way for the clients.

Our model is used by 4 different Ministry of Highways areas, BC Rail and as the basis of a recent culvert rehab contract issued by the District of West Vancouver.

We have rehabilitated over 15 large culverts for various bodies using this procurement model.