Nova Scotia, Canada

Weholite® rehabilitate timber box culvert

Existing timber box culvert prior to rehabilitation work.

NST&IR selects a trenchless construction method to rehabilitate a failing timber box culvert under one of Nova Scotia's busiest highways. The project located along Hwy 102 required the contractor to slipline a 1.83m high, 3.66m wide and 38m long timber box culvert with two 125' by 54" RSC250 Weholite pipes.

The sliplining process is an effective way to extend the service life of deteriorated culverts. The benefits range from lower traffic control and construction costs, minimal impact on the environmental and no post-installation road problems, that are common with traditional "dig and replace" construction techniques.

This trenchless construction method with Weholite HDPE provides for a cost-effective permanent solution. Especially for distressed culverts under high traffic roads, deep fills, traffic detours that are expensive or impossible or where aggressive waters/soils are present.

Weholite is the "preferred" liner by certain specifiers and contractors with a long history of use throughout Canada and the USA.

Project:
Culvert Rehabilitation
under Hwy 102

Owner:
Nova Scotia Transportation and Infrastructure Renewal (NST&IR)

Application:
Twin 54"ID RSC250 Weholite® Culvert Sliplines

Distributor:
Wolseley Engineered Pipe Atlantic

General contractor:
Dexter Construction Company Ltd.

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