



Atlantic Industries Limited

PROJECT PROFILE



October 1, 2026

AIL's Bolt-A-Plate provides a durable solution for Alberta highway crossing

AIL supplied a Bolt-A-Plate structural steel plate culvert for the replacement of Bridge File 1974 on Highway 585, east of Trochu, Alberta. Installed by contractor Ossa Terra, the structure carries the highway over a tributary to Ghostpine Creek.

The project was part of a multi-project RFP issued by Alberta Transportation and Economic Corridors in fall 2025 for summer 2026 installations. The early tender period gave the project team valuable time to complete the engineering and manufacturing requirements.

Project at a glance:

Project Name: Bridge File 1974

Location: HWY 585, 2km E of Trochu, AB

Owner: Alberta Transportation and Economic Corridors

Consultant: WSP

Contractor: Ossa Terra

Sector: Transportation

Application: Watercourse Crossing

Product: AIL Bolt-A-Plate Watercourse Culvert

Dimensions: Diameter 3.670 m,
Length 40.23 m

Installation time (start to finish): 1 month



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As an economical alternative to concrete culvert structures or traditional beam bridges, the AIL Bolt-A-Plate system provided a strong, durable solution for replacing the existing crossing. The culvert features step-bevel ends, which improves hydraulic flow efficiency, anchors the structure and prevents soil erosion around the opening.

The client was pleased with the outcome, noting that it “went without a hitch.”

[See all Project Profiles on ail.ca](http://ail.ca)



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