



Atlantic Industries Limited

PROJECT PROFILE



Bolt-A-Plate/Best•Kote solution chosen for high cover, aggressive environment

AIL's Bolt-A-Plate with Best•Kote Polymer Coating recently proved to be the best option for a fish passage/stream enclosure under the new section of New Brunswick's Fundy Trail Parkway expansion.



Project at a glance:

Name: Long Beach Brook, Stream Enclosure

Location: Fundy Trail Parkway

Engineer: A.D. Fiander and Associates

General Contractor: Gulf Operators

Assembly Contractor: Atlantic Underground Services

Product: Bolt-A-Plate Structural Steel Plate with Best•Kote Polymer Coating

Application: Fish Passage/Stream Enclosure

Dimensions: 4.54 m (14') Diameter; 80.41 m (264') Length

Installation Time: Two weeks for structure assembly, two weeks for backfilling



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Due to the aggressive environment, the structure was originally expected to be made from our corrosion/abrasion-resistant Dur•A•Span Structural Aluminum Plate, but the higher 12 m (39.4') cover required the strength of steel. Our Bolt-A-Plate with Best•Kote Polymer Coating delivered both the added strength and the desired protection.

Best•Kote provides over 75 years of design service life

Ideal for aggressive environmental conditions, Best•Kote Polymer Coating provides superior corrosion/abrasion protection and long-term durability for AIL's Ultra•Cor, Super•Cor and Bolt-A-Plate structures. It's an economical solution for an extended service life and offers 360° protection to all or part of a structure.

The coated plates for the 80.41 m (264') structure were delivered to the remote location on two flatbeds with the aluminum fish baffle inserts and hardware on a third. Plates were colour-coded for ease of storage and assembly in the ravine-like site.

Extremely heavy rains had flooded the site just before construction began, but once underway the project was completed in four weeks — two weeks each for plate assembly and engineered backfill. An AIL representative was onsite to ensure all proceeded as planned.

Integrating a world-class “signature” destination area

The completion of the Fundy Trail Parkway will establish a scenic coastal link between Saint John, Sussex and Moncton while integrating the Fundy Trail, Fundy National Park and the Hopewell Rocks into a world-class “signature” destination area.

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



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