



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)

#### **Head Office:**

32 York Street  
Sackville, New Brunswick  
Canada E4L 4R4  
1-877-245-7473



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[ail.ca](http://ail.ca)