



Atlantic Industries Limited

# PROJECT PROFILE



## Trail bridges hike up to 1 km into remote sites in Alberta flood recovery

When “the 100-year flood” hit southern Alberta in 2013, the Siksika First Nation, southeast of Calgary, was one of the worst-hit areas with unprecedented damage to homes and infrastructure. Blackfoot Crossing Historical Park, a designated national heritage site and a major tourism attraction in the area, had lost two pedestrian stream crossings in the flood.



### Project at a glance:

**Project name:** Siksika Nation – Blackfoot Crossing Historical Park

**Location:** Siksika, AB

**Owner:** Blackfoot Crossing Historical Park

**Engineer:** Hasegawa Engineering

**Contractor:** Nitro Construction Ltd.

**Sector:** Public Works

**Product:** AIL Pedestrian Bridges

**Application:** Stream Crossings

**Dimensions:** Two bridges: Span 25.6 m x Width 2.4 m; Span 23.9 m x Width 2.5 m

**Installation Time:** Two hours for each bridge





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## **AIL Pedestrian Bridges reunite river trails**

Pedestrian Bridge solutions from AIL were selected for the two replacement projects. Each bridge was delivered in two sections to facilitate on-site transport from the lay-down area to the stream crossings — one of which was about 1 km away down a narrow trail.

The contractor on this project, Nitro Construction Ltd., showed great patience and agility in maneuvering the bridge sections through the tight trails. Once on site, they also did a great job installing their first-ever pedestrian bridges in just two hours for each crossing. Temporary wood cribbing facilitated mid-air splicing of the sections using only one piece of lifting equipment.

*“We had great support from the sales staff. Communication was open and timely. The deliveries arrived on schedule and the product was as specified. I was particularly pleased with the quick turnaround regarding engineering support for my design as well as for the contractor regarding erection information.”*

— Ron Smith, P.Eng.



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