



September 20, 2017

Parks Canada deploys reusable modular detour bridge in Newfoundland's Gros Morne National Park

As part of the five-year Parks Canada Infrastructure Program, a replacement bridge is being constructed at Bakers Brook in Gros Morne National Park on the Western Shore of Newfoundland.

To facilitate this and other bridge replacements, Parks Canada purchased a re-deployable Algonquin Modular Panel Bridge System from Algonquin Bridge. Its first deployment is as a temporary detour



Project at a glance:

Project Name: Bakers Brook Bridge

Location: Gros Morne National Park, Newfoundland and Labrador

Owner: Parks Canada

Engineer: Harbourside Engineering

Contractor: Horseshoe Hill Construction Inc.

Application: River Crossing

Product: Algonquin Modular Panel Bridge

Dimensions: Span 60.96 m, Width 9.14 m

bridge at this site. It will be de-launched in 2018 and stored at the Parks Canada yard in Rocky Harbour until the next project.

Kinky is good (for dead load deflection and modular bridges)

To reduce dead load deflection on the bridge, specialized kinked bays were ordered from Algonquin and incorporated into the 60.96 m design.

About Algonquin Modular Panel Bridges

Algonquin Modular Panel Bridges are innovative and economical bridging solutions for a wide array of permanent or temporary applications. They are easy to ship/handle/assemble and are completely reusable. Designs can be configured for a wide range of roadway widths for up to three lanes. As Canada's go-to bridging solutions partner, Algonquin maintains an inventory of their components ready to ship across the country.

In 2015, Parks Canada launched the largest program in its history, aimed at the revitalization of its assets. Parks Canada will invest \$3 billion over five years to rehabilitate infrastructure assets within national historic sites, national parks and national marine conservation areas across Canada. Over \$35 million of that is being invested in Western Newfoundland and Labrador in 2017 for a wide variety of infrastructure improvements.

In 2016, we supplied an Algonquin Modular Panel bridge as a rental for a similar project at Southeast Brook in Gros Morne.

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