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Modular Panel Bridge System provides quick solution for CN rail crossing in Nova Scotia

When CN needed to replace a failing, century-old, right-of-way crossing on their main line near Amherst, NS, an Algonquin Modular Panel Bridge System from Algonquin Bridge proved to be the most economical and versatile option for a speedy replacement.



Project at a glance:

Project Name: Fort Lawrence, NS

Owner: Canadian National Railway Company

Consultant: Hatch Mott MacDonald, Moncton, NB

Contractor: Modern Construction (1983) Ltd., Moncton, NB

Product: Algonquin Modular Panel Bridge

Application: Replacement Vehicular Crossing (ROW)

Dimensions: Length 31.9 m, Width 4.2 m

The Modular Panel Bridge's cambered ends provide additional clearance

To ensure maximum clearances for double-stack freight cars, this elevated crossing serving a few homes and historic Fort Lawrence National Historic Site got an extra clearance lift, thanks to cambered end sections and precast abutments.

Once the old bridge was removed and cut up for recycling, the new 31.9 m bridge was assembled at the site and lifted into place in one day without interruption to rail traffic.

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View this drone video showing the ROW rail crossing with cambered end sections to help with double-stack rail car clearance

