



February 17, 2020

NSTIR rents Algonquin “Bailey Bridge” detour bridge and completes project with local crews

This project is a great example of Algonquin Bridge and our AIL Group sister company, Atlantic Industries Limited (AIL), packaging products to provide the customer with a one-stop solution — in this case, an Algonquin Modular Panel Bridge and abutments.

AIL was already engaged on a Nova Scotia Transportation and Infrastructure Renewal project to replace an older span bridge on Highway 3 at East River with a new Super-Cor buried bridge solution. Algonquin was to provide the temporary detour bridge from our in-stock rental systems. However, after our order was placed, the contractor determined that precast abutments with timber backwalls were the best options and a change was required. Algonquin and AIL came together to expedite designs for both systems on a quick turn-around.

Efficient communication key to completing rental detour bridge project

There were a lot of hands in this project — from multiple departments at Algonquin Bridge and AIL, to the client and the contractor.

Project at a glance:

Project Name: East River Detour Bridge

Location: East Chester, Nova Scotia

Owner: Nova Scotia Transportation and Infrastructure Renewal

Contractor: Nova Construction Co. Ltd.

Sector: Transportation

Application: Detour Bridge, Stream Crossing

Product: Algonquin Modular Panel Bridge

Dimensions: Span 21.34 m, Width 4.11 m

Efficient communication and “buy-in” from all parties ensured a smooth delivery and installation.

Due to the narrow isthmus setting between an ocean cove and a small lake, a single-lane detour bridge was selected and equipped with automated signals to alternate traffic flow.

Discover the many benefits of renting from Canada’s leading prefabricated bridge manufacturer

Algonquin Bridge maintains an inventory of Modular Panel Bridge Systems to rent for both short-term and long-term temporary bridge applications. These pre-engineered “Bailey Bridge” style bridges have been proven to be effective many times in rental applications. Local teams with minimal experience can easily assemble these temporary bridges on-site and they can be either lifted into place or cantilever launched from one side. Further benefits include:

- Keeping costs to timeframe of need
- Freeing up capital for other purposes
- No maintenance or storage expenses
- Improving project balance sheet and ROI
- A wide range of bridging options
- Canada-wide distribution and support
- In-house engineering and design
- Dependable field service
- Professional Engineer stamped drawings

See all Project Profiles on algonquinbridge.com

