



September 20, 2020

Algonquin Modular Panel Bridge has two jobs in MTO's northwestern bridge replacement project

When an aging bridge over the Namakan River near Atikokan, Ontario, needed to be replaced, an Algonquin Modular Panel Bridge was chosen to do two jobs in the replacement project.



Project at a glance:

Project Name: Namakan River Bridge

Location: Near Atikokan, Ontario

Owner: Ontario Ministry of Transportation (MTO)

Consultant: Hatch

Contractor: The Sharp Group

Sector: Transportation

Application: Detour Bridge, Stream Crossing

Product: Algonquin Modular Panel Bridge with Bolt-A-Bin Abutments

Dimensions: Span 45.7 m, Width 4.2 m

“Bailey Bridge” serves both temporary and permanent applications
First, it was set up on temporary Bolt-A-Bin abutments alongside the existing bridge to serve as a detour bridge.

Then, once the existing bridge was removed and its abutments were replaced with permanent Bolt-A-Bin abutments, it was laterally moved to become the permanent crossing.

There was very little launch space on this site, but working with an experienced bridge installation contractor like The Sharp Group helped ensure a successful project outcome.

Bolt-A-Bin Bridge Abutments are ideal for remote areas

Our Bolt-A-Bin System is an economical, strong and versatile metal bin type system that assembles quickly with no pile driving or concrete pouring, making it well-suited for use in remote areas. Bolt-A-Bin cells are formed from strong, corrugated metal components bolted together at the job site and then filled with granular material. The fill material and the metal shell act as a gravity-retaining wall to resist surcharged loading, sliding and overturning of the earth behind the wall.

Bridge and abutment packages are our specialty

If you are looking for a completely turn-key packaged solution in accelerated bridge construction, Algonquin Bridge offers a range of packaged options, including abutments, decking, bearing pads, piers or towers, backwalls and even guide rails.

See all Project Profiles on algonquinbridge.com

