



Atlantic Industries Limited

PROJECT PROFILE



Fast replacement gets displaced residents home early

Approximately 15 year-round homeowners in Mink Lake, in the Municipality of Hastings Highlands, ON, weren't looking forward to being displaced from their homes for a month during a pre-Christmas bridge replacement — but that was their only viable option.

With the existing bridge being the only connection, the Municipality compensated residents for living away from home while providing fire and security services in their absence. With all of these added costs and upheaval, time was of the essence for the bridge replacement.

Project completed a week ahead of schedule

Thankfully, the whole project went quicker than planned; the new Prefabricated Bridge with Bolt-A-Bin Abutments went in like clockwork, and the residents were back in their homes a week earlier than expected.

Project at a glance:

Name: Dam Road Bridge, Mink Lake

Location: Northwest of Bancroft, ON

Owner: Municipality of Hastings Highlands

Consultant: Genivar

Contractor: Crains' Construction

Type of Product/Application: Modular Vehicular Bridge and Bolt-A-Bin Abutments

Sector: Transportation

Dimensions: Length 24.38 m, Width 4.2 m clear between rails

Installation Time: Three weeks, including abutments (start to finish)



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Bolt-A-Bin Abutments saved time and money

To minimize road closure time and environmental impact, the structure was designed to span the existing abutments and stay back from the river. AIL supplied a set of Bolt-A-Bin Abutments that were assembled on-site, then lowered into position and compacted, behind the existing gabion basket headwalls.

The modular structure was supplied in four sections, which were quickly assembled and placed on the compacted abutments with precast sills and integrated bearing plate assemblies.

We worked closely with the owner, consultant and contractor to ensure that orders would be placed in time to allow for design, manufacturing and deliveries. The contractor had previously installed one of our Prefabricated Bridges and knew what had to be done to get the project completed in a timely and efficient manner. They supplied material to the site in advance and had back-up machinery on both sides of the river.

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Head Office:

32 York Street
Sackville, New Brunswick
Canada E4L 4R4
1-877-245-7473



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