



Atlantic Industries Limited

# PROJECT PROFILE



## Bridge provides access to Alaskan mine reclamation

In support of ongoing mine reclamation activities at the Red Devil Mine on the Kuskokwim River, the Bureau of Land Management contracted with design-build specialist, Marsh Creek, LLC, on a bridge and access road to this historic mercury mine.



### Project at a glance:

**Name:** Red Devil Mine Bridge and Access Road

**Location:** Red Devil, Alaska (on the Kuskokwim River)

**Owner:** Bureau of Land Management

**Consultant:** Marsh Creek, LLC, Anchorage, AK

**Contractor:** Marsh Creek, LLC (Design-Build)

**Type of Product/Application:** Modular Steel Vehicular Bridge with Bolt-A-Bin Abutments

**Sector:** Northern, Mining & Energy

**Dimensions:** 1.2 m (40') Long x 4.8 m (16') Wide, Weathering Steel, Timber Running Planks



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## **Built for the barge**

AIL Mining, a member of The AIL Group of Companies, is a world leader in developing innovative engineered bridging solutions. Due to the remote location, Marsh Creek chose one of our Prefabricated Bridge and foundation systems. The modular components of the bridge were designed to accommodate locally available lifting equipment and barge transportation. The bridge was specifically designed for the weight of a Volvo A30D Articulated Hauler.

## **Bolt-A-Bin Abutments: Economical, strong and versatile**

The abutments were constructed using Bolt-A-Bin, cellular galvanized steel bin-style retaining walls filled with compacted granular soil. Precast concrete sills and galvanized steel sheet pile backwalls completed the picture.

With their many years of service in the mining, energy and forestry sectors, our Prefabricated Bridges are the go-to solutions for stream crossings, road or rail overpasses and detour bridges in remote locations.

[See all Project Profiles on ail.ca](http://ail.ca)



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