



Atlantic Industries Limited

PROJECT PROFILE



Bolt-A-Plate makes 'Whale' of a difference in Nova Scotia project

As part of a larger subgrade/paving project on Highway 215, near Walton, NS, AIL recently engineered and supplied a Bolt-A-Plate stream crossing at Whale Creek. A timely AIL presentation to the Nova Scotia Department of Transportation and Infrastructure Renewal convinced the Department to broaden their tender, which originally specified a precast concrete arch only. The resulting AIL Bolt-A-Plate Arch bid made a 'Whale' of a difference in giving the contractor a competitive advantage.

Bolt-A-Plate offered substantial savings in time and money, allowing the contractor to save on both labour and materials. Plus, it easily met the design service life, live loading, end area and other site-specific criteria.

Our MSE Retaining Wall System finished off this installation nicely. Precast Panel Walls served well for the wing/spandrel walls. For the headwalls, a cast-in-place concrete fascia was designed, in collaboration with an AIL-subcontracted consultant.

Project at a glance:

Products: Bolt-A-Plate Structural Steel Plate with MSE Precast Panel Walls

Sector: Transportation



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Final product delivery of the arch and wall components was phased to meet the contractor's very tight site schedules, with all components meeting the timelines.

A strong, effective bridging alternative.

Bolt-A-Plate, hot-dip-galvanized, corrugated, structural steel plate is a strong and effective bridging alternative for medium and small applications. Its light weight, strength and versatility make it perfect for economical bridge construction or replacement, as well as many other applications in the transportation, public works, mining and forestry sectors. Bolt-A-Plate is available in a wide variety of shapes and sizes: Standard, Low or High Profile Arches; Rounds; Horizontal or Vertical Ellipses; Pipe Arches and Pear Shaped.



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