



Atlantic Industries Limited

PROJECT PROFILE



Tight site calls for two-stage construction

The Route 1 Gateway Project is a major DOT highway upgrade across southern New Brunswick to the US border. AIL is pleased to have partnered with Dexter Construction to deliver five engineered plate structures. One particular Super•Cor Arch stream/wildlife crossing presented particular challenges.

MSE Retaining Walls play supporting role

To keep the busy route open, a two-stage construction was needed, where one side of the highway remained open while half of the structure was built on the other side. The site's narrow median made for exceptionally tight construction conditions. Our MSE Wire Walls squeezed in to lend their support.

Economical solution for two-stage construction

With half of the Super•Cor Arch built, a galvanized Wire Wall was installed to support the engineered back fill — a solution that easily adapted to the tight site conditions and kept costs down. This allowed the necessary working room to construct the second section. When complete, the wall will be buried as part of the engineered backfill.

Project at a glance:

Name: Route 1 Gateway Project

Owner: Dexter Developer General Partnership

Consultant: MMM Group Limited

Contractor: Dexter Construction

Solution: Super•Cor Arch (12 m span x 5.7 m rise x 64.8 m length) with MSE Wire Walls



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After completing the Wire Wall installation, the contractor told our team that he was very impressed with the product. He said he'd installed nearly every type of wall, and that our MSE Retaining Wall System was the easiest to work with.

Once complete, the Route 1 Gateway Project will include 55 km of new four-lane highway, as well as selected upgrades, improved crossings and interchanges to existing sections. Also included is 104 km of wildlife fencing.

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



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