



Atlantic Industries Limited

PROJECT PROFILE



Multi-partner team keeps Maine crossing out of a Jam

With a fish run expected in 10 weeks, time was of the essence when the contract was signed for the design, fabrication, delivery and installation of a crossing over Jam Brook in Searsmont, ME.



Project at a glance:

Project Name: Maine Crossing Project

Contract Owner: Trout Unlimited National

Final Owner: Town of Searsmont, ME

Consultant: NRCS

Contractor: Atlantic Mechanical

Sector: Private Development

Type of Product / Application:

Super•Cor – Stream Crossing

Dimensions: 7.75 m span x 3.10 m rise x 10.36 m length

Installation Time: 10 weeks from signed contract to final grading (start to finish)



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Good communication was key

The AIL project team's good communication practices were key to managing the efforts of several project partners: two owners, the consultant and three different fabricators. AIL's engineering team designed the Super•Cor Arch and collaborated with the geotechnical consultant on the headwall and the MSE soil reinforcement solution for the headwall.

Precast footings were essential for this fast-paced project

Precast footings for the arch and levelling pads for the headwalls were supplied by a third-party precaster, which reduced the install time and habitat impact.



Everything went swimmingly and the crossing was completed on time for the anticipated fish run.

AIL offers a full range of stream crossing solutions

Depending on the size and nature of the crossing, we offer a variety of solutions in Ultra•Cor, Super•Cor, Bolt-A-Plate or Dur•A•Span Structural Plate. Corrosion/abrasion-resistant Dur•A•Span Structural Aluminum Plate is particularly well-suited to saltwater or aggressive environments. We can also provide specialized fish baffle inserts for some designs. Our open-bottom designs and Prefabricated Steel Bridges are effective, environmentally friendly solutions to preserve habitat.

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