

Project Brief

North River Bridge

Beam Repair



Prince Edward Island
2008



It was calculated that a series of eighteen AASHTO Type III girders were deficient by approximately 115 kN/m of shear capacity. Conventional construction repair methods were not an option as the costs analysis found it not to be feasible.

Fibrwrap Installations provided a turn-key solution by installing the Tyfo® SEH-51A Composite System to provide the required additional shear strength to meet the demand.

Although down to one lane at times, the bridge remained in operation during the quick, cost-effective FRP installation and allowed other trades to continue working on the deck replacement. The Tyfo® Fibrwrap® installation was completed on schedule and helped expedite the project as this bridge was located on a busy section of the Trans Canada Highway leading into the city.

Fibrwrap Installations Limited completed the North River Bridge project in a cost-effective manner, ahead of schedule using superior Advanced Composite Systems as an alternate to conventional construction.

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