



FIBRWRAP®

Worldwide Specialized Contractors

Strengthening Structures | Protecting Lives Worldwide.



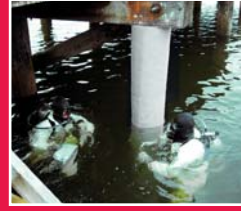
Transportation



Buildings



Pipelines



Waterfront



Industry



Structural Strengthening of Bay Ferries Beam, St. John, New Brunswick.

Fibrwrap Construction Inc. repaired two damaged beams from a collision with a vessel at the Bay Ferries Terminal in St. John, New Brunswick. The incident took place some years before the need for repair due to corrosion and obvious concrete deterioration.

All loose concrete was removed and the exposed rebar was treated prior to concrete crack repair with Tyfo® 111 epoxy injection and restoration of the cross section with special concrete repair mortar.

The pre-stressed concrete beams were then strengthened by application of the Tyfo® Fibrwrap SCH-41 Carbon fiber system with SW-1 epoxy, both in the longitudinal and in the stirrup direction.

The full scope of the project was successfully completed in only 2 weeks.

The execution of the works did not interfere with the normal everyday activities of the terminal.

Project: Structural Strengthening
of Bay Ferries Beam

Location: St. John, New
Brunswick, Canada

Client: Bay Ferries

Contract Duration: 2 weeks

Scope of Works:

- Structural repair of two ninety
linear foot damaged beams



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