

Project Brief

## Victoria Road Underpass

### Bridge Deck Repair



Dartmouth, NS  
2008



The bridge is comprised of two hollow-core, post-tensioned concrete bridge decks supported by abutments & two piers. Within the deck, a series of post-tensioning cables were damaged due to corrosion and, as a result, there was a loss of tension resistance.

Fibrwrap Installations provided a turn-key solution by installing 120 l.f. (2 x 60 l.f. layers) of the Tyfo® SCH-41/Tyfo® S System providing the required strengthening. Because of freezing temperatures, the installation area had to be controlled by an easily-erected enclosure and heaters were set in place to allow the system to cure.

The overpass remained in operation during the quick, cost-effective FRP installation. The Tyfo® Fibrwrap® installation was completed in a few hours and helped expedite the project as this approach to the MacKay Bridge is located at a very busy section into the city.

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