

# PROJECT PROFILE



**Project:** Bridge, Sable Beach National Park, PEI, **Canada**

**Designer:** Public Works Canada

**Client:** Parks Canada

**Contractor:** J.G. Hartling, Dartmouth, Nova Scotia, Canada

**Gemite product:** **Fibre-Patch OV**, **Cem-Kote ST**

**Objective:** Protection and waterproofing of a bridge structure.

The bridge structure exhibited severe spalling due to corrosion of the reinforcing steel. The bridge structure was repaired using **Fibre-Patch OV** and **Cem-Kote ST**. The Cem-Kote ST coating provided waterproofing and additional protection to the structure as the bridge is exposed to salt water and severe freeze thaw conditions on the Saint Lawrence River. The project was carried out in 1990. An inspection in 1996, after 5 winters of service, showed no peeling, deterioration or freeze/thaw damage to the **Cem-Kote ST** or cracking and delamination of the **Fibre-Patch OV**. The inspection in June 2005, after 15 years of service, showed no delamination or deterioration of **Cem-Kote ST** or cracking and delamination of **Fibre-Patch OV**.



Shortly after application in 1990



Inspection, June 2005

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