

Project Brief

Bow River Bridge

Beam Strengthening



Calgary, Alberta
2008



The City of Calgary decided to complete a structural upgrade to the Bow River Bridge. A bridge analysis completed by the consulting engineers found that the existing girders were deficient in flexural and shear capacities, and required additional reinforcement to meet the current loading conditions set forth in Alberta. Fibrwrap Installations Limited offered their services to provide an innovative and cost-effective solution to meet these requirements.

Fibrwrap Installations Limited installed Fyfe Company's uni-directional Tyfo SCH-41® System to supplement the required flexural and shear enhancement set forth by the consulting engineers.

Fibrwrap Installations Limited completed the Bow River Bridge project in a cost-effective manner ahead of schedule.

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