

GAETZ AVE SHEAR STRENGTHENING

Gaetz Ave, 60th St, Red Deer, AB

OVERVIEW

Fibrwrap Construction provided a complete fiber-reinforced polymer (FRP) shear reinforcement solution required at the Gaetz Avenue and 60th St. overpass in the City of Red Deer, Alberta. Fyfe Co LLC certified applicators, Fibrwrap Construction, installed the Tyfo® SCH system for shear strengthening within the critical shear zone at abutments of the bridge girders due to load increasing capacity requirements. The crew installed the high strength, low-profile system to the existing girders with minimal site impact. This installation provided a time and cost-efficient solution to ensure the bridge can continue to safely perform for the community of Red Deer.



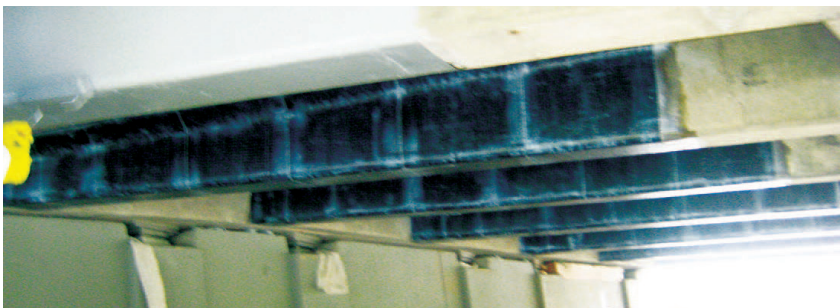
Installed Tyfo® SCH system at critical shear zones



On-site adhesion testing ensuring quality assurance of the Tyfo® SCH system and the Fibrwrap installer's workmanship

"I would confidently recommend Fibrwrap for any project as a reliable, efficient contractor with a high degree of expertise. The Fibrwrap team worked to ensure safety and quality were maintained throughout the installation and were supportive and responsive to the City of Red Deer's concerns."

Kim Haddow, Project Manager
Graham Construction



Installed CFRP with drop protection being finished with Tyfo® U polyurethane paint



Fibrwrap® certified installers mixing and safely preparing the TYFO® SCH system with minimal site impact