



FRP Composite Rebar Report

Hawk Lake Bridge - Hwy 17



Project Highlights

Hawk Lake, ON summer 2008

- V-ROD® GFRP rebar cast in pre-cast concrete box girder deck slabs
- Pre-cast deck panels mainly used #5 (16m) and some #8 (25m) bar
- V-ROD® GFRP reinforcing selected due to non-corrosive properties, lightweight, and durability. Utilizing GFRP composite bar in pre-cast applications provide greater quality control, simpler and quicker installation on site

- V-ROD Canada supplied V-ROD® GFRP reinforcement for the Hawk Lake Bridge rehab in the Thunder Bay region.
- Owner: Ministry of Transportation - NW Region
- Contractors: Carillion Can./Lafarge pre-cast/Harris Rebar
- Engineer: Philips Engineering/MTO