



FRP Composite Rebar Report

MTO 2009-6008 Chukuni River, Thunder Bay



Project Highlights

- V-ROD® GFRP rebar used in new pre-cast decks along with 13m Carbon bar for pre-stressing
- Most deck bar was #5 (16m) and #6 (19m) with some #3 (10m) 40Gpa bar
- #6 (19m) HM (60Gpa) bar also used in deck slabs
- #5 (16m) and #6 (16m) 40GPa bars were used for the various bends

Precast bridge deck, summer 2011

- V-ROD Canada supplied highest grade 60Gpa V-ROD® along with some 40Gpa bar for pre-cast bridge decks. This is the longest single span steel girder bridge in Ontario.
- Owner: Ministry of Transportation Northwest Region, ON
- Contractor: Lafarge Pre-Cast/Bruno's Contracting/Harris Rebar
- Engineer: McCormick Rankin Corporation