



FRP Composite Rebar Report

Dorchester Bridge, Dorchester, ON



Project Highlights

- V-ROD® GFRP reinforcing used in top and bottom layer in new bridge deck (14.92m wide x 90m long), approach slabs and concrete end walls
- New deck reinforcement was V-ROD 60GPA Grade III #5 (16m) HM and #6 (20M) bar with heads
- #5 (15m) and some #4 (13M) 40GPa V-ROD Std bars were used for the various straight and bent bar required for sidewalk reinforcing

Dorchester Bridge, summer 2012

- V-ROD Canada supplied highest grade III (60GPa) V-ROD® on new bridge deck replacement on County Rd 32 over Thames River in Dorchester (near London), ensuring long-term sustainable bridge structure
- Owner: Middlesex County, ON
- Contractor: McLean Taylor Construction/Harris Rebar
- Engineer: Dillon Consulting