



## ***Repair of 12-ft Concrete Tunnel Minneapolis, Minnesota***



- This design, for a fully-structural retrofit of a 20-foot section of a 12-inch reinforced concrete tunnel, included engineering for 100-psi of external hydrostatic pressure. The design called for layers of StifPipe® to be installed internally by wet layup method.
- Project challenges included gaining initial access to the 95-feet-deep tunnel, with the closest access manhole approximately 3,900 feet away from the repair location.
- The I-35 tunnel repair project marks a record as the deepest application of a fiber reinforced polymer (FRP) repair system for fully-structural pipe/tunnel rehabilitation.

***Contact a QuakeWrap engineer today at (520) 791-7000  
or [info@quakewrap.com](mailto:info@quakewrap.com)***