



HYDRAWRAP

STRUCTURAL COMPOSITE REPAIR SYSTEM

Market

Gas Pipeline – North Texas Region

Challenge

The customer was experiencing external corrosion on a buried transmission pipe as a result of coating failure. They requested a solution to eliminate the external corrosion and structurally renew the pipe system to its original design conditions.

Engineered Solution

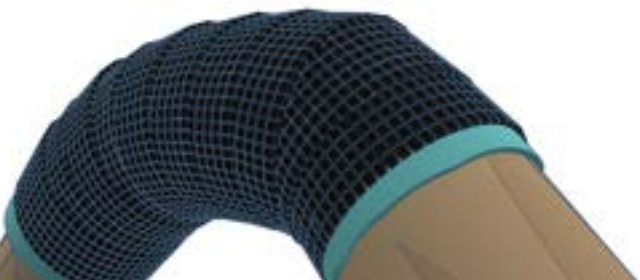
The HydraWrap® pipe wrap repair system was selected. The HydraWrap® repair system is an engineered product that provides a cost effective repair solution with a proven history of quality repairs. HydraWrap® protects against corrosion and reinforcing strength.

Scope

A long term repair solution was requested to repair corrosion anomalies at seventy-one dig site locations. This process would include structural rehabilitation of the pipeline from its current condition to the original design specifications by using the HydraWrap® carbon fiber reinforcements system.

Solution

Each location was media blasted to SSPC-SP10 / NACE 2 near white specifications. Individual assessments were performed on identified anomalies. Each anomaly was repaired according to the direction provided by HydraTech engineers. The HydraWrap® system utilized bidirectional carbon fiber fabric and proprietary 100% solid epoxies which provided a long term cost effective solution for the client's pipeline repairs.



HydraTech Engineered Products, LLC
HydraTech Field Services, LLC
10448 Chester Road, Cincinnati, Ohio 45215
Phone: (513) 827-9169 Fax: (513) 827-9171
<http://www.hydratechllc.com>

