

HydraWrap® (Fiber Reinforced Polymer)

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 process of repair required in a solution to eliminate the external corrosion and structural 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.

Scope

A long term repair solution was requested to remediate 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 utilizes bidirectional carbon fiber fabric and proprietary 100% solid epoxies which provided a long term cost effective solution for the client's pipeline repairs.



HYDRAWRAP
STRUCTURAL COMPOSITE REPAIR SYSTEM

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