

## Strengthening Structures | Protecting Lives Worldwide.











**Transportation** 

**Buildings** 

**Pipelines** 

Waterfront

Industry



## **Project:** Pipe strengthening of SDCWA Fallbrook

Location: Fallbrook, USA

Client: San Diego Water Authority

## Pipe strengthening of SDCWA Fallbrook, Fallbrook, USA.

Three 96" diameter PCCP sections at the San Diego County Water Authority were deemed structurally deficient due to corrosion. Fibrwrap® Construction was contracted to provide the required repair.

The Tyfo® Fibrwrap® System was designed to resist the loads from the earth's pressure, live loads, and internal pressures. 1 layer of the carbon-based Tyfo® SCH-41-2X System was installed in the longitudinal direction and 8 layers in the hoop direction to restore the pipe back to working capacity.

 $\label{eq:construction} Fibrwrap^{@}\ Construction\ was\ able\ to\ mobilize\ quickly\ and\ perform\ the\ repair\ in\ an\ effective\ and\ timely\ manner,\ resulting\ in\ time\ savings\ and\ shut\ down\ time.$ 

## Scope of Works:

Structural Repair of three 96inch diam. PCCP





