



Case Study WATER & INFRASTRUCTURE

Location
Tomball, Texas - USA

End User
City of Tomball, Texas

Year
2026

Project

FM2920 Lift Station Consolidation Phase 1

FPI manufactured and supplied 7,080 feet of 30-inch FIBERSTRONG® glassfiber pipe for a project consolidating an existing lift station and constructing a new gravity sewer line, in the city of Tomball, Texas, US.

What We Delivered



DIAMETER

30-inch



PRESSURE

SN72



LENGTH

2.158 km



JOINTS

Double Bell coupler &
Carbon fiber coupler



DELIVERING

Wastewater

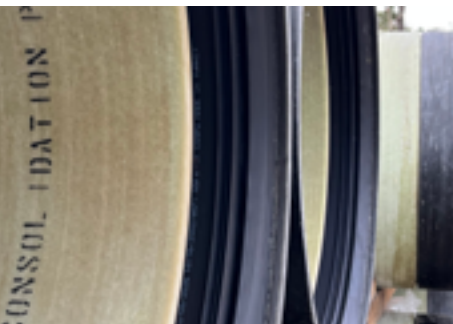
The city of Tomball, a small-town style suburb of Houston is a rapidly growing community, experiencing population, residential and economic expansion mainly driven by new housing developments. Utility projects like this one are in preparation for this continued growth.

FPI manufactured and supplied a total of 7,080 linear feet of 30-inch FIBERSTRONG® glassfiber pipe for installation via open cut, microtunneling, and casing carrier methods. Most of the alignment, 6,136 feet, was installed by open cut using 30-inch SN72 FIBERSTRONG® pipe with a double bell coupler system. Where open cut was not feasible due to gas line and roadway crossings, 780 feet of 30-inch FIBERSTRONG® jacking pipe, rated at 277 tons, was installed across five separate microtunnel drives utilizing a Flush Hybrid Carbon Fiber Coupler. This segment marked FPI's first microtunnel project in the US and the company's first global application of the carbon fiber coupler for jacking installations. The remaining 166 feet consisted of 30-inch SN72 FIBERSTRONG® double bell coupler pipe installed as a casing carrier.

Future Pipe Industries partnered with Tenoch Distribution, who provided 24 closed bottom glassfiber manholes which utilize FIBERSTRONG® in-line pipe stub-outs to provide a seamless, corrosion resistant, leak free system throughout.

“
FPI set a new benchmark
with its first U.S. microtunnel
delivery using hybrid
carbon fiber couplers.
”

Gallery



Need
More Info?

Please get in touch with us
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