

Tank Foundations

Teppco/Port Arthur, TX

Scope of work included design and construction of twenty (20) large, averaging 2' wide by 6' tall, concrete tank foundations; ranging in diameter from 150' to 300'. The project was completed in 11 months, yielding an average of 2 completed ring foundations every month.

The project was completed on schedule, spanning one of the wettest winters SE Texas, and two major hurricanes (Gustav & Ike). All foundations were installed in strict accordance with the concrete tolerance requirements of API-650. All of the foundations required us to install bentonite liner, leak detection, and cathodic protection systems.

In addition to the cast-in-place structural concrete, we performed all of the initial site clearing, grading, and later, performed all levee construction required during/following the tank erection phase.

