



Project: Refinery Underground Pipe Repair

The Problem

This refinery had a 48" diameter underground pipe with a large, gaping hole on its underside.

RPT and Thortex were called in to repair the pipe during their 72 hour outage.



The Solution

RPT manufactured forms to replicate the exact configuration of the underside of the pipe and then abrasive blasted and coated the pipe with **Thortex Chemi-Tech CR**

Thortex Metal-Tech EG was applied to the edges of the forms to act as an adhesive to affix them to the pipe and seal the edges. Straps and reinforcing mesh were also used to hold the forms in place.

One coat of **Thortex Cerami-Flex EG** was applied over the mesh and straps. Additional coats of **Thortex Cerami-Flex EG** were then applied to completely encapsulate the mesh and straps.

A final coat of **Thortex Cerami-Flex FG** was applied to the entire pipe at an average of 240+ mils.