

CASE STUDY



FEATURING



KCMO MANHOLE REHAB TRIAL USING GEOKRETE®

GeoKrete Excels in Manhole Rehab Trial Where H₂S Levels Very High

PROJECT SNAPSHOT

Project

- GeoKrete® Manhole Rehab Trial

Owner

- KCMO

Situation

- Highly corroded manhole, connected to force main, in need of corrosion protection. H₂S levels ranged from 165-190 ppm.

Application

- Hyperform® Rapid Setting Patching Material
- GeoKrete® - 1 1/2" on walls. Troweled to smooth finish.



This manhole was selected by KCMO as a trial/demonstration for Quadex® GeoKrete®. This structure was subjected to high levels of H₂S with the upstream manhole being a force main receiving manhole. H₂S levels ranged from 165-190 ppm.

The manhole was prepped using a 4,000 psi water blaster. The joints were sealed with Quadex Hyperform®.

The manhole was lined with 1 1/2" of Quadex GeoKrete, which provides a monolithic, fully structural, corrosion resistant liner at the most economic pricing available. Yet again, another successful in-field trial of Quadex GeoKrete.



Compared to Baseline for
Trenchless Repair Systems for
Structural Rehabilitation of
Civil Infrastructure