

PROJECT PROFILE GIFFORD ROAD - COUNCIL BLUFFS, IOWA

The Gifford Road Storm Sewer Trunk and Outfall Project involved the construction of new 18", 30", 36", 42", 48", 54", 60" storm sewer pipe, and a cast-in-place concrete gatewell and headwall structure. The project was necessary to provide drainage to a newly re-developed area and a future development site near Veterans Memorial Highway and Gifford Road.

When you have a project that lays through a corn field one gets to thinking "how hard can this be?", well (that's a deep subject) - this one had several challenges including groundwater dewatering and a levee penetration through the Indian Creek Levee System.

The City of Council Bluffs Public Works Department has been tasked with making the levee system more resilient, robust, and redundant. For this reason all the structures and pipe in the levee penetration were installed on helical piling and backfilled with flowable fill to springline.



The amazing engraving skills of Rocky's crew.

Kudos to Rocky's crew for forming and pouring this resilient, robust, and redundant collar within the levee critical zone. They were even so kind as to engrave our name on the top of the collar so the next guy who has to remove it knows who to call and cuss out!

The dewatering for this project has been challenging due to the clay soils of low permeability extending well below our pipe trench and the City's specification to dewater 3' below bottom of excavation. After several months of dewatering and the City allowing the use of sump pumps and deep wells, the crew is 900 feet from connecting to the existing 30" RCP storm sewer our very own MFT friends (and now co-workers) built in the fall of 2015.

Shon Wallis's structure crew oversaw the pumping of the flowable fill into the excavation



NOVEMBER 2016

MISSION

To better our community by constructing and/or restoring infrastructure and buildings. This is accomplished by the continual improvement of our operations and development of our people.

VISION

To be the best, most dependable and innovative infrastructure and commercial construction company in the greater Omaha/Council Bluffs and Lincoln areas.

CORE VALUES

- SAFETY
- DEPENDABILITY
- QUALITY
- EFFICIENCY
- TEAMWORK