

Turn-Key Tunneling

Emerald Parkway Design Build

Cleveland, OH

Owner:

NEORS (North East Ohio
Regional Sewer District)
3900 Euclid Ave
Cleveland, OH 44115

General Contractor:

Turk-Key Tunneling, Inc.

Type of Contract:

Design Build/ Contractor

Construction Cost:

Initial Bid - \$4,700,000.00
Final Price - \$4,302,410.28

Contract Dates:

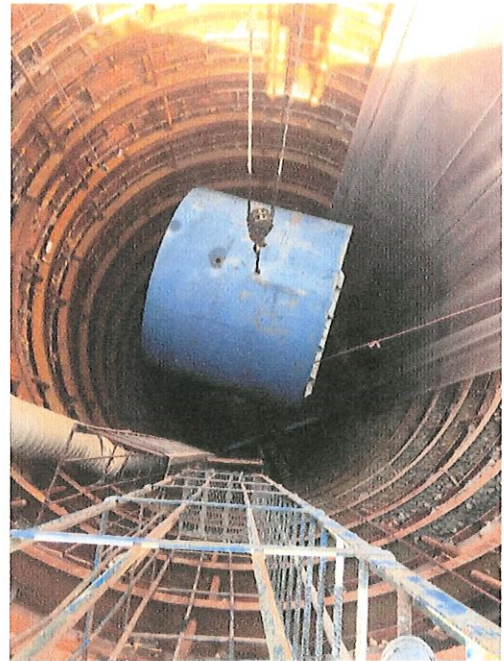
Start: May 2017
Complete: October 2018

-Fully Completed

-No Liquidated Damages
Assessed

Scope of Work:

Following inspection it was determined an 11' diameter corrugated metal pipe (CMP) culvert collapsed and was causing extensive flooding on a tributary on the Rocky River. In May 2017 NEORS entered into a design-build contract with Turn-Key Tunneling Inc. To replace a 250-lf section of 11' diameter CMP with depth of cover of 70 ft.



Special Conditions: A 24' diameter access shaft was installed to access the deep storm sewer. Workers found significant obstructions while installing the liner plate and rib shaft near the bottom elevation at approximately 70 ft. of cover. Construction and demolition debris in the form of asphalt, concrete slabs, and a duct bank were encountered. Two auger bores were complete for a dewatering system. In total the project used 370-lf of 104" diameter HOBAS flush reline pipe. To line the existing culvert downstream and the new tunnel upstream.