

Euclid Creek Tunnel

Cleveland, OH
Deep Rock Tunnel



COMPLETION DATE

Final Completion – April 2015

VALUE OF CONTRACT

\$198,643,000

OWNER

North East Ohio Regional Sewer
District
3900 Euclid Ave
Cleveland, OH 44115
Project Manager: Doug Gabriel

ENGINEER

Hatch Mott MacDonald
18013 Cleveland Parkway Drive
Suite 200
Cleveland, OH 44135-3233
Resident Engineer: David Servidio



Project Description

TUNNEL MINING DIMENSIONS

17,750 LF x 24'Ø

EXCAVATION METHOD

27'Ø Herrenknecht Tunnel Boring
Machine

GEOLOGY

Average 10-12 KSI Chagrin Shale

TUNNEL INITIAL SUPPORT

Fiber Reinforced Concrete
Segmental Lining

TUNNEL FINAL LINING

Fiber Reinforced Concrete
Segmental Lining

OTHER WORK

5 Deep shafts 200' +/- Deep
18 Surface Structures (10 being tie-
ins to existing sewers)
10 Manholes
2104 LF of 42-inch Microtunnel
342 LF of 90-inch Pipe Jacking
2539 LF of Open-cut of Varying Size

