Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

Odenton Town Center Sewer Interceptor
Odenton, MD



PROJECT OVERVIEW AND CHALLENGES

After another subcontractor failed to complete a guided-bore, Bradshaw Construction was contracted for the installation of 280 linear feet of 43 inch steel casing and a 30 inch ductile iron sewer pipe for an interceptor. The casing was jacked behind a microtunnel boring machine through medium dense sands and sticky clay below the water table. Performing the microtunnel out of a shaft that was originally intended for an auger bore proved to be the biggest challenge of the project.





PROJECT INFORMATION - 534

OWNER:
Anne Arundel County
Public Works
Sarimal Bachubhay
410-222-7500

ENGINEER:
Atkins
Bob Nelson
301-210-6800
bob.nelson@atkinsglobal.com

CONTRACTOR:
Cossentino Contracting Co., Inc.

COMPLETION DATE:
2/25/2014

GEOLOGY:
Wet Sand

EXCAVATION METHOD:
Herrenknecht AVN-800 MTBM

MINING DIMENSIONS:
280' x 43" Ø

FINAL LINING:
30" Ductile Iron Pipe

FOR MORE INFORMATION:
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Refer to Project 534