Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

I-95/MD-43 ETL Interchange
Rosedale, MD

PROJECT OVERVIEW AND CHALLENGES

This project involved jacking 468 feet of 87.5" steel casing under I-95 near Baltimore, MD. The soil conditions included sand, silt, & clay below the water table. Microtunneling was required by the owner due to the ground conditions and due to the sensitivity of I-95 (an 8 lane highway) to any disturbance. The casing was installed on line and grade without incident. Bradshaw also installed the 54" RCP carrier pipe in the steel casing.

PROJECT INFORMATION - 512

OWNER:
MD Transportation Authority
Donnei Crowe
410.870.0279

ENGINEER:
RK&K / URS
Thomas Mohler
(410) 728-2900

CONTRACTOR:
Cherry Hill Construction

COMPLETION DATE:
8/21/2012

GEOLOGY:
Sand, Silt, & Clay

EXCAVATION METHOD:
RASA DH-1900 MTBM

MINING DIMENSIONS:
468' x 87.5" Ø

FINAL LINING:
54" Reinforced Concrete Pipe

FOR MORE INFORMATION:
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Refer to Project 512