

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:

Doug Piper, Project Manager
410.970.8300
dpiper@bradshawcc.com
Refer to Project 512