

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