

## 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