

## 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