

## Odenton Town Center Sewer Interceptor Odenton, MD



### PROJECT OVERVIEW AND CHALLENGES

After another subcontractor failed to complete a guided-bore, Bradshaw Construction was contracted for the installation of 280 linear feet of 43 inch steel casing and a 30 inch ductile iron sewer pipe for an interceptor. The casing was jacked behind a microtunnel boring machine through medium dense sands and sticky clay below the water table. Performing the microtunnel out of a shaft that was originally intended for an auger bore proved to be the biggest challenge of the project.



### PROJECT INFORMATION - 534

#### OWNER:

Anne Arundel County  
Public Works  
Sarimal Bachubhay  
410-222-7500

#### ENGINEER:

Atkins  
Bob Nelson  
301-210-6800  
bob.nelson@atkinglobal.com

#### CONTRACTOR:

Cossentino Contracting Co., Inc.

#### COMPLETION DATE:

2/25/2014

#### GEOLOGY:

Wet Sand

#### EXCAVATION METHOD:

Herrenknecht AVN-800 MTBM

#### MINING DIMENSIONS:

280' x 43" Ø

#### FINAL LINING:

30" Ductile Iron Pipe

#### FOR MORE INFORMATION:

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Refer to Project 534