

## AGY-Purple Line Plymouth Tunnel Test Shaft Silver Spring, MD



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw installed a 12 foot diameter rib and board shaft for geotechnical exploration and observation as part of the Maryland Transportation Authority's Purple Line project. The shaft was installed to a depth of 33 feet in sand, silt & decomposed rock, and then backfilled with flowable fill after a four day observation period. Bradshaw's work was completed in 20 working days (including mobilization/ demobilization & the 4 day observation period).



### PROJECT INFORMATION - 542

#### OWNER:

Maryland Transit Authority  
Engineering  
Charles Miles  
410-358-6954  
cmiles1@mta.maryland.gov

#### ENGINEER:

Maryland Transit Authority  
Charles Miles  
410-358-6954  
cmiles1@mta.maryland.gov

#### CONTRACTOR:

Concrete Services, Inc.

#### COMPLETION DATE:

7/16/2014

#### GEOLOGY:

Sand

#### EXCAVATION METHOD:

PC 170 Excavator

#### MINING DIMENSIONS:

12'Ø x 33VF

#### FINAL LINING:

Ribs & Lagging

#### FOR MORE INFORMATION:

Doug Piper, Project Manager  
410-970-8300  
dpiper@bradshawcc.com  
Refer to Project 542