

## 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  
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**ENGINEER:**

Maryland Transit Authority  
Charles Miles  
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**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:**

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Refer to Project 542