

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
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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