Project Profile: SHAFT CONSTRUCTION

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