Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

MD RT 301 24" Force Main
Waldorf, MD

PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corp. completed the installation of 355 linear feet of 43 inch steel casing and 24 inch ductile iron pipe under Smallwood Road as part of Charles County's US 301 Force Main Project. A 30 foot by 16 foot steel sheeted shaft was constructed for the launch at 15 vertical feet deep. The casing was jacked behind a microtunnel boring machine in silty sand and clay.

PROJECT INFORMATION - 554

OWNER:
St. Charles Companies
Matthew Martin
301-843-8600

ENGINEER:
Arro
Richard Parks
301-791-1100

CONTRACTOR:
Facchina Construction Company, Inc.

COMPLETION DATE:
1/11/2016

GEOLOGY:
Silty Sand, Loose Sand, Clayey Sand

EXCAVATION METHOD:
Herrenknecht AVN-800 MTBM

MINING DIMENSIONS:
355' x 43"Ø

FINAL LINING:
24" Ductile Iron Pipe

FOR MORE INFORMATION:
Doug Piper, Chief Estimator
410-970-8300
DPiper@BradshawCC.com
Refer to Project 554