Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

Smith WWTF Force Main Phase A
Mobile, AL

PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed 120 linear feet of 60 inch welded steel casing by microtunnel. We overcame a significant change in ground conditions from the bid documents to mine through a full face of clay underneath the water table crossing below Central Illinois Railroad. In addition, the reception plan was modified due to utility conflicts which the General Contractor encountered during our mining operations. Bradshaw recovered the MTBM in running ground conditions in cooperation with the Owner and General Contractor.

PROJECT INFORMATION - 524

OWNER:
City of Mobile
Board of Water & Sewer Commissioners
(251) 342-5742

ENGINEER:
Volkert & Associates, Inc.
Bryan Peacock
(251) 342-1070

CONTRACTOR:
Hemphill Construction Company, Inc.

COMPLETION DATE:
2/1/2013

GEOLOGY:
Full Face Clay

EXCAVATION METHOD:
Herrenknecht AVN-1200 MTBM

MINING DIMENSIONS:
120' x 60"Ø

FINAL LINING:
36" Ductile Iron Pipe

FOR MORE INFORMATION:
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(410) 970-8300
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Refer to Project 524