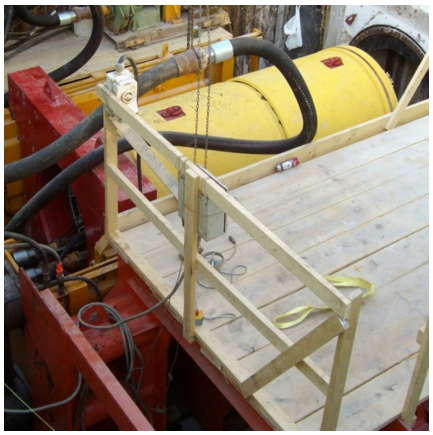
Project Profile: MICROTUNNELING

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

12th Street Force Main Replacement
Tampa, FL

PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was part in a Tampa Design/Build project. This project consisted of 3 separate drives mined by microtunneling. The first drive consisted of 477 linear feet for 60 inch steel casing to accommodate a 48 inch force main. The second was 450 linear feet and the third at a length of 1,290 linear feet for 60 inch steel casing for a 42 inch force main. These drives were for utility crossings at the Hillsborough River, Martin Luther King Boulevard / Ida Street, and also Hillsborough Avenue. The soil conditions were soft and below the water table.



PROJECT INFORMATION - 466

OWNER:
City of Tampa
Eric Weiss
(813) 274-8121

ENGINEER:
CH2MHill
Randy Houston
(813) 874-0777

CONTRACTOR:
CH2MHill

COMPLETION DATE:
7/22/2009

GEOLOGY:
Clay

EXCAVATION METHOD:
Herrenknecht AVN-1200 MTBM

MINING DIMENSIONS:
477' x 48", 450' x 42", & 1290' x 42" Ø

FINAL LINING:
60" Steel Casing

FOR MORE INFORMATION:
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Refer to Project 466