Project Profile: MICROTUNNELING

CIAC Water Transmission Main MLK / IDA
Tampa, FL



PROJECT OVERVIEW AND CHALLENGES

This project consisted of a 477 linear feet of microtunnel for the 12th Street Force Main. We assisted in the construction of shafts. 60 inch Permalok steel casing was used for the microtunneling and 42" ductile iron carrier pipe that was installed within the casing and grouted in place. Ground conditions were soft and the tunnel was mined at minimum cover.





PROJECT INFORMATION - 473

OWNER:
City of Tampa
Randy Houston
(813) 874-0777

ENGINEER:
Greeley and Hansen
Tom Wilson
(813) 876-3666

CONTRACTOR:
CH2MHill Constructors, Inc.

COMPLETION DATE:
2/21/2009

GEOLOGY:
Soft Ground

EXCAVATION METHOD:
Herrenknecht AVN-1200 MTBM

MINING DIMENSIONS:
477' x 60" Ø

FINAL LINING:
42" Ductile Iron Pipe

FOR MORE INFORMATION:
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Refer to Project 473