

## CIAC Segment 1 Water Transmission Main Tampa, FL



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was contracted by CH2MHill Constructors Inc. to design build 2,028 linear feet for 60 inch steel casing by microtunneling for a 42 inch ductile iron water main. Bradshaw worked along side Garney Company who installed the open cut portion of the project. The ground conditions consisted of soft ground below the water table. Most of the drives were completed under a heavily traveled highway system. Double shifting and flexible work hours were required to accommodate the public and meet the critical schedule demands.



### PROJECT INFORMATION - 481

**OWNER:**

City of Tampa  
Randy Houston  
(813) 874-0777

**ENGINEER:**

Greenley & Hansen  
Tom Wilson  
(813) 873-3666

**CONTRACTOR:**

CH2MHill Constructors, Inc.

**COMPLETION DATE:**

12/30/2009

**GEOLOGY:**

Sand, Clay, Chert

**EXCAVATION METHOD:**

Herrenknecht AVN-1200 MTBM

**MINING DIMENSIONS:**

2,028' x 60" Ø

**FINAL LINING:**

42" Ductile Iron Pipe

**FOR MORE INFORMATION:**

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Refer to Project 481