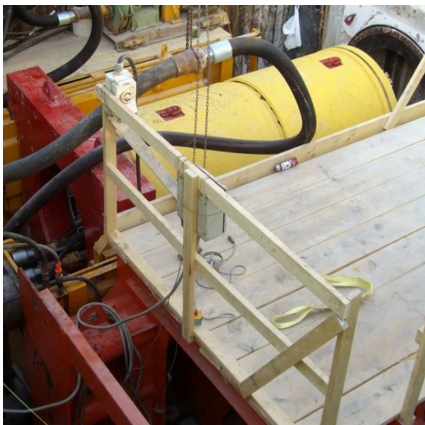


## 12th Street Force Main Replacement Tampa, FL



### 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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(410) 970-8300  
eeisold@bradshawcc.com  
Refer to Project 466