

## Tampa Waterfront District Tampa, FL



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corporation installed one steel casing tunnel totaling 174' as part of a water main line in Tampa, FL. The 30" OD tunnel was driven behind an AVN 600 XC MTBM. Bradshaw was able to mine at a rate of 100-150 mm/min through soft ground soils such as sand and clay. After the steel casing tunnel was successfully mined, Bradshaw then installed a 12" ductile iron pipe into place within the steel casing. Some of the challenges faced on this project included unknown utilities in tunnel profile and fast-paced mining with a smaller MTBM.



### PROJECT INFORMATION - 604

**OWNER:**

Strategic Property Partners  
813-993-0053

**ENGINEER:**

Stantec  
David A. Kemper

**CONTRACTOR:**

Kimmins Contracting Corp.

**COMPLETION DATE:**

8/14/2020

**GEOLOGY:**

Soft Ground

**EXCAVATION METHOD:**

AVN 600XC

**MINING DIMENSIONS:**

30" Steel Casing

**FINAL LINING:**

12" Ductile Iron Pipe

**FOR MORE INFORMATION:**

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Refer to Project 604