

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