

## McKinley Street Interceptor Hollywood, FL



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed a total of 300 linear feet of 96 inch Permalok steel casing in two separate drives. The first drive was 75 linear feet under US Route 1 and the second was 225 linear feet under both Dixie Highway and Florida East Coast Railroad. A 66 inch prestressed concrete cylinder pipe was installed within the steel casing for both drives. The tunnels were constructed in loose soft ground below the water table with minimal cover. A critical component to the success of this project was a quick mobilization as well as completion on an expedited schedule through the holidays. In addition, special measures were taken to safely complete the project within close proximity to high voltage overhead power.



### PROJECT INFORMATION - 510

#### OWNER:

City of Hollywood  
(954) 921-3930

#### ENGINEER:

Hazen & Sawyer  
J. Phillip Cook  
(954) 987-0066

#### CONTRACTOR:

GlobeTec Construction, LLC

#### COMPLETION DATE:

3/2/2012

#### GEOLOGY:

Sand & Clay

#### EXCAVATION METHOD:

RASA DH-RCM

#### MINING DIMENSIONS:

300' x 96" Ø

#### FINAL LINING:

66" Prestressed Concrete Cylinder  
Pipe

#### FOR MORE INFORMATION:

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Refer to Project 510