

## 30th Avenue North Storm Water Improvements St. Petersburg, FL



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed 147 linear feet of 72 inch reinforced concrete pipe for a storm water system needing improvements. This was accomplished by direct jacking in a single pass under a CSX Transportation Railroad at a depth of 10 feet below the existing grade. Bradshaw worked closely with the CSX Railroad to install dewatering within the right of way, allowing for this type of cost-savings tunnel method in lieu of microtunneling. The successful completion of this project is a testimony to the reputation for all parties involved.



### PROJECT INFORMATION - 489

#### OWNER:

City of St. Petersburg  
Engineering & Capital Improvements  
Department  
P.O. Box 2842  
St. Petersburg, FL 33731  
727.893.7295

#### ENGINEER:

URS Corporation Southern  
Russell Pratt, PE  
russ\_pratt@urs.com  
813.286.1711

#### CONTRACTOR:

Woodruff & Sons, Inc.

#### COMPLETION DATE:

10/23/2010

#### GEOLOGY:

Sand and Sand with Silt

#### EXCAVATION METHOD:

Akkerman Excavator Shield &  
Wheeled TBM

#### MINING DIMENSIONS:

147' x 89" Ø

#### FINAL LINING:

72" Reinforced Concrete Pipe

#### FOR MORE INFORMATION:

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Refer to Project 489