

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