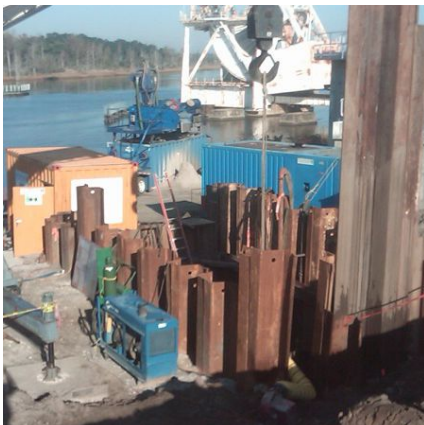


## Sweeney Water Treatment Plant Expansion Wilmington, NC



### PROJECT OVERVIEW AND CHALLENGES

Bradshaw was contracted to install 200 linear feet of 42 inch steel casing by slurry microtunneling for the Sweeney Wastewater Treatment Plant near by Cape Fear River to house a 30 inch ductile iron pipeline. Bradshaw encountered several debris obstructions ranging from cast iron to wood.



### PROJECT INFORMATION - 484

#### OWNER:

City of Wilmington  
Purchasing  
Dave Walker  
919-463-6772

#### ENGINEER:

Black & Veatch, Inc.  
Ryan Bouchard  
704-548-8461  
rbouchardrp@bv.com

#### CONTRACTOR:

Archer Western Construction

#### COMPLETION DATE:

11/10/2009

#### GEOLOGY:

Clayey Sand, Silty Sand, Debris  
(iron, rebar, wood, etc)

#### EXCAVATION METHOD:

Herrenknecht AVN-800 MTBM

#### MINING DIMENSIONS:

200' x 42"Ø

#### FINAL LINING:

30" Ductile Iron Pipe

#### FOR MORE INFORMATION:

Eric Eisold, Vice President  
410-970-8300  
eeisold@bradshawcc.com  
Refer to Project 484