

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