

11th Street Corridor CSO Diversion Washington, DC



PROJECT OVERVIEW AND CHALLENGES

Bradshaw direct jacked 386 linear feet of 54" reinforced concrete pipe via conventional TBM in two (2) drives, as part of the 11th Street Bridge project in Washington, DC. One drive was minded under I-295, while the other was under an SME wall for the new bridge. Ground conditions were primarily soft, wet silt, sand & clay; however, obstacles such as a large layer of river gravel and buried logs were also encountered and overcome.



PROJECT INFORMATION - 516

OWNER:

District of Columbia
Water & Sewer Authority
John Beasley
(202) 787-4240

ENGINEER:

Greeley and Hansen
John Cassidy
(703) 922-4516

CONTRACTOR:

Skanska / Facchina JV

COMPLETION DATE:

10/10/2012

GEOLOGY:

Clayey/Silty Sand

EXCAVATION METHOD:

Akkerman 540 TBM

MINING DIMENSIONS:

386' x 66" Ø

FINAL LINING:

54" Reinforced Concrete Pipe

FOR MORE INFORMATION:

Doug Piper, Chief Estimator
(410) 970-8300
dpiper@bradshawcc.com
Refer to Project 516