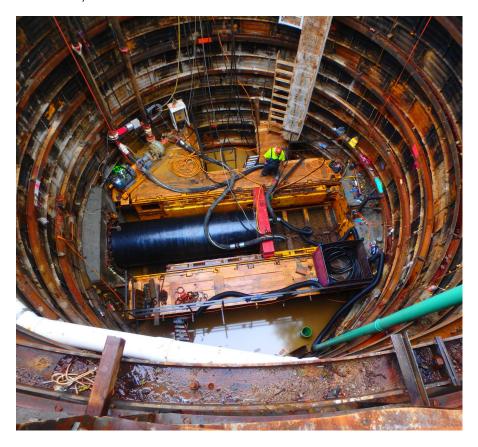
Project Profile: MICROTUNNELING



Sanitary Sewer 24" S1 @ I-277 Sewer @ I-277 to Whisnant Charlotte, NC



PROJECT OVERVIEW AND CHALLENGES

Bradshaw completed tunneling on a project for improvements on the Express Lanes that covers nearly 26 miles of the I-77 corridor just north of Charlotte, including the conversion of existing high occupancy vehicles to the Express Lanes and the construction of new express lanes and two major interchanges. The tunneling work consisted of four microtunnel drives totaling 1,505 LF of 60" steel casing for 24" ductile iron gravity sewer line grouted within the jacked casing. Subsurface conditions encountered were a mixed face of clay and rock.





PROJECT INFORMATION - 579

OWNER:

I-77 Mobility Partners Sugar Creek Construction, LLC 980-337-2400

ENGINEER:

Hinde Engineering 707-814-4407 khinde@hineengineering.com

CONTRACTOR:

Sanders Utility Construction Co., Inc.

COMPLETION DATE:

1/11/2019

GEOLOGY:

Fine Clay, Hard Rock

EXCAVATION METHOD:

Herrenknecht AVN-1200 MTBM

MINING DIMENSIONS:

535', 360', 330', 280' x 60" Ø

FINAL LINING:

24" Ductile Iron Pipe 18" Ductile Iron Pipe

FOR MORE INFORMATION:

Mike Wanhatalo, Project Manager 410-970-8300 mwanhatalo@bradshawcc.com Refer to Project 579