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.