PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction microtunneled a single 370 linear feet drive of 30 inch steel casing under I-664 in Suffolk, VA. The subsurface conditions consisted of loose clayey & silty sands (SC & SM) below the groundwater table. Settlement was less than an 1/8 of an inch. Bradshaw installed a 16 inch restrained joint ductile iron pipe for a water main inside the jacked casing. Since this was a single drive, the greatest challenge was the 24x7 tunneling schedule required by the Owner to minimize potential impact to highway operations and the public.