PROJECT OVERVIEW AND CHALLENGES

The Cow Branch Sewer project in Woodbridge, VA, consisted of the installation of approximately 8,000’ of new gravity sewer main in the 8” to 36” diameter size range. 944’ of 36” sewer main was to be installed via microtunneling under a wetland area that empties into the Potomac River. This project represented the Prince William County Authority’s (PWCSA) first microtunneling project. In lieu of 36” pipe, Bradshaw direct jacked 41” of HOBAS pipe through the extremely soft silt below the water table.