



	Ashley River Transmission Main Crossing
Location	North Charleston, SC
Date Completed	June 2017
Project Type	Water
Equipment	140,000 lb. rig; 880,000 lb. rig
Owner/Client	Charleston Water System / R.H. Moore Company
Length, Pipe Diameter, Pipe Material	4,660-feet of 36-inch steel
Type of Crossing	River
Project Summary	<p>The Ashley River Crossing is a ±4,700 ft. HDD crossing for a new 36 inch diameter potable water transmission pipeline. Mears was selected to perform the HDD scope of work including drilling, supplying the pipe, welding, pipe handling, coating, lining, and pipe pullback. The product pipe is 36" x 0.75" X-65 steel pipe with internal and external coatings meeting AWWA requirements for potable water. The pilot hole was drilled using the intersect method. Additional characteristics of the project include installation of 160 ft. of 60" x 1.00" steel conductor casing at the entry point and a 24 ft. high sound wall around the entry side work area to mitigate noise impacts to nearby residents.</p>

