



	Two crossings, Military Consolidation Project - Little Horse Island to Jericho Island Force Main
Location	Beaufort, SC
Date Completed	January 2010
Project Type	Effluent Force Main
Equipment	Mears' 500,000 lb. rig and 140,000 lb. rig
Owner/Client	Beaufort-Jasper Water & Sewer Authority
Engineer	
Length, Pipe Diameter, Pipe Material	16-inch Fusible PVC™, Two Crossings: 575-ft and 6,333-ft
Type of Crossing	Road, Creek
Project Summary	<p>The completion of another record breaking pipe installation, this time at Parris Island, a marine training base in Beaufort, South Carolina, marks a series of successful and lengthy crossings of Fusible PVC™ (FPVC®) pipe. Beaufort Jasper Water & Sewer Authority (BJWSA) contracted Mears Group, Inc. to horizontally directional drill two crossings, 6,333 feet of 16 inch DR 18 FPVC and 575 feet of 16 inch DR 21 FPVC under Archers Creek and Malecon Drive, respectively. Underground Solutions, Inc. (UGSI) supplied and fused the Fusible PVC™ product pipe for this project.</p> <p>These installations are part of a project to divert the Parris Island wastewater flows to a BJWSA regional facility. The military base, Marine Corps Recruit Depot, trains about 17,000 recruits each year. BJWSA had previous experience with both Mears Group and UGSI during installation of 5,120 feet of 10 inch FPVC® in 2008 to deliver reuse water to the Secession Golf Course on Lady's Island. For two years, that stood as the record breaking crossing in a single pull using thermoplastic pipe.</p>

