



	Hampton Roads (HRX) HDD Crossings
Location	Norfolk, VA
Date Completed	May 2009
Project Type	Gas
Equipment	Mears' 660,000 lb. rig, 500,000 lb. rig and 140,000 lb. rig
Owner/Client	Virginia Natural Gas/Weeks Marine
Engineer	
Length, Pipe Diameter, Pipe Material	24-inch Steel, Seven Crossings: 965-ft, 2942-ft, 2943-ft, 3003-ft, 3004-ft, 3547-ft, 7352-ft
Type of Crossing	3 water-to-water crossings, 2 shore approaches, a river crossing & a golf course crossing
Project Summary	<p>Several HDD marine crossings for a pipeline connecting the north and south sides of Hampton Roads Harbor in Norfolk, Virginia allowing Virginia Natural Gas to expand capabilities to serve a growing customer base.</p> <p>This included the three water-to-water crossings and two shore approaches. In all, Mears drilled 15,439 feet, spanning the distance between Craney Island and Newport News, where the final shore approach is at Anderson Park.</p>

