



Downtown Tunnel/Midtown Tunnel/MLK Extension Project	
Location	Norfolk, VA
Date Completed	March 2013
Project Type	Water
Equipment	Mears' 140,000 lb. rig and 1.1 Million lb. rig
Owner/Client	Virginia Department of Transportation (VDOT)/Skanska, Kiewit, Weeks, JV (SKW)
Engineer	
Length, Pipe Diameter, Pipe Material	36-inch Steel, 4,500-ft
Type of Crossing	River Crossing
Project Summary	Mears Group, Inc. successfully relocated a raw water line for Skanska, Weeks, Kiewit, known as SKW Constructors, (contracted by Elizabeth River Crossings OpCo, LLC as the design-build contractor for this public-private project with the Virginia Department of Transportation) in the city of Norfolk. The project consisted of installing an internally and externally coated 36-inch steel pipe for raw water transmission under the Elizabeth River using horizontal directional drilling (HDD) methods at the 4,500-ft long crossing, as well as installing ductile iron pipe using open trench methods on the land portions with ties to the existing raw water line.

