

MAIN POST INFRASTRUCTURE IMPROVEMENTS - PHASE I

FORT BELVOIR, VIRGINIA



CLIENT:

U.S. Army Corps of Engineers, Belvoir Integrated Program Office

CONTRACT AMOUNT:

\$32 million

DELIVERY METHOD:

Design-Bid-Build

CONTRACTOR:

Shirley Contracting Company

DESIGNER:

Jacobs Engineering

COMPLETION DATE:

May 2012

In July 2009, Shirley Contracting Company, LLC, was awarded the Main Post Infrastructure Phase I Roads, Utilities and Security Improvements Project for the Baltimore District - Corps of Engineers. The \$25.6 million base project scope included the widening and reconstruction of Belvoir Road (approximately 1.1 miles) from 2 to 4 lanes from U.S. Route 1 to 12th Street, the widening and reconstruction of Pohick Road (approximately 1.3 miles) from 2 to 4 lanes from U.S. Route 1 to 12th Street & Gunston Road and U.S. Route 1 associated improvements.

Shirley was responsible for permitting, utility relocations, construction, maintenance of traffic, quality control, and coordination of public involvement for all project work. The Belvoir Road infrastructure improvements consisted of phased roadway construction/widening from two travel lanes to four travel lanes and a bike lane, storm drainage & utility relocations, one storm water management pond & one underground detention system, MSE Retaining Wall, curb & gutter, sidewalks, brick masonry entrance features, K-12 barriers (cables & bollards), perimeter security fence installation, RSSI wedge pop-up vehicle barrier, guardrail, signals and bus shelters. The Pohick Road infrastructure improvements consisted of phased roadway construction/widening from two travel lanes to four travel lanes and a bike lane, wildlife & amphibian crossings, storm drainage & utility relocations (including approximately 7,400 lf of 12" sanitary sewer force main), one storm water management pond & four underground detention systems, curb & gutter, sidewalks, brick masonry entrance features, K-12 barriers (cable & bollards), security upgrades, RSSI wedge pop-up vehicle barriers, guardrail and signals. The U.S. Route 1 improvements were performed at both the Belvoir and Pohick Road intersections and consisted of road widening, utility relocations, storm drainage and signals.

All construction had to be performed while maintaining security and access to Fort Belvoir via Pence Gate (located on Belvoir Road) and Tulley Gate (located on Pohick Road) check points. Due to the inclusion of additional scope of work by the COE, the project was extended and completed May of 2012. The revised project value is approximately \$32 million.