

I-66 IMPROVEMENTS PROJECT

PRINCE WILLIAM COUNTY, VIRGINIA



CLIENT:

Virginia Department of Transportation (VDOT)

CONTRACT AMOUNT:

\$81 million

DELIVERY METHOD:

Design-Bid-Build

CONTRACTOR:

Shirley Contracting Company

DESIGNER:

Dewberry Consultants LLC

COMPLETION DATE:

August 2010

In December 2006, Shirley Contracting Company, LLC was awarded the I-66 Widening Improvements project to extend the HOV lanes and add additional through lanes on Interstate 66 from the 234 bypass to approximately one mile beyond the I-66 and Route 29 interchange in Gainesville, Virginia. With a construction cost of approximately \$81 million, the project consisted of widening over two miles of divided multi-lane interstate from four lanes to eight lanes, realignment of eight ramps and primary highway in a heavily congested area.

The Project was phased construction and consisted of the following: approximately 369,000 cubic meters of earthwork including rock; maintaining heavy interstate traffic volumes with minimal impacts; construction and removal of many detours; storm, water and sanitary utility installation/relocation; over 514,000 metric tons of sub-base stone and asphalt pavement; four SWMP; seven jack and bore pipe runs including three 2100mm diameter approximately 8.5 meters deep; two box culverts; signal installation/modifications; roadway lighting and signage; two concrete retaining walls; five new bridges and three superstructure demolition and reconstruction and one complete demolition and reconstruction superstructure and substructure. All construction activities were performed while maintaining traffic of approximately 144,000 vehicles per day passing through the project work zone.

The project had three interim milestones, the first milestone was completed over five month's ahead of schedule and the other two milestones were completed on or ahead of schedule, despite significant change orders. During construction, VDOT issued change directives to Shirley to perform additional services and increased scope, including additional bridge demolition and substructure reconstruction on three existing bridges, along with numerous other scope changes.