

PACIFIC BOULEVARD

LOUDOUN COUNTY, VIRGINIA



CLIENT:

Virginia Department of Transportation (VDOT)

CONTRACT AMOUNT:

\$19 million

DELIVERY METHOD:

Design-Build

CONTRACTOR:

Shirley Contracting Company

DESIGNER:

Dewberry Consultants LLC

COMPLETION DATE:

2010

In April 2008, the Shirley Design-Build Team was awarded the \$19 million Virginia Department of Transportation (VDOT) Design-Build Project for the completion of a critical segment of Pacific Boulevard between Auto World Circle and Severn Way and to provide alternate access to the businesses located between Route 625 and the W&OD Trail.

Pacific Boulevard is a key component of Loudoun County's transportation plan for the Route 28 parallel road network providing alternate north-south access for local traffic along the west side of Route 28 between Route 606 and Russell Branch Parkway. Although many segments of Pacific Boulevard are currently incomplete, the parallel road network will ultimately provide improved local connectivity and reduce traffic on Route 28.

This section of Pacific Boulevard, a distance of 0.6 miles, is designed as a four-lane divided urban arterial roadway between Auto World Circle and Cabin Branch, and a four-lane undivided arterial roadway from Cabin Branch to Severn Way. Project traffic volumes in the design year 2030 are expected to be approximately 27,600 ADT (average daily trips). The project included twin bridges over the Washington & Old Dominion Trail and a bridge over Cabin Branch. Other project features included a five foot wide sidewalk along the east side of the roadway, and a 10 foot wide trail along the west side of the roadway along with connections to the W&OD Trail.

The Shirley Design-Build Team was responsible for completing all design and engineering, environmental permitting, right-of-way acquisition, utility relocations, construction and quality assurance and quality control for the project. The Team successfully worked with VDOT and an adjacent landowner to add the ultimate turn lanes and intersections to the project, which will avoid future disruptions and reconstruction. With successful coordination, the vast majority of the right-of-way required for the project was dedicated at no cost to VDOT, a savings of over \$3 million.