

ROUTE 7 / RIVERCREEK PARKWAY INTERCHANGE

LEESBURG, VIRGINIA



CLIENT:

Kettler Inc.

CONTRACT AMOUNT:

\$24 million

DELIVERY METHOD:

Design-Build

CONTRACTOR:

Shirley Contracting Company

DESIGNER:

Dewberry Consultants LLC

COMPLETION DATE:

2009

To improve access to their planned development at the Villages of Leesburg, Kettler proffered a grade separated interchange at the intersection of Route 7 and Rivercreek Parkway. In 2004 Kettler awarded Dewberry a contract to design a spread diamond interchange, including a bridge carrying Rivercreek Parkway over Route 7, ramp connections between Rivercreek Parkway and Route 7, and 3,400 linear feet of four-lane roadway for Rivercreek Parkway and Crosstrail Boulevard. The design required close coordination with VDOT, the Town of Leesburg, and Loudoun County who all had approval authority over the plans. This included numerous reviews by the Town of Leesburg Board of Architectural Review who added numerous aesthetic elements to the project including ashlar finish and staining of sound barriers and retaining walls, aesthetic panels to disguise the bridge pier, detailed architectural bridge railings and light poles, and extensive landscaping plans.

In 2005, Kettler contracted with Shirley Contracting to complete constructability reviews of the Dewberry plans and coordinate extensive utility relocations including a 10” waterline, a 24” Town of Leesburg effluent line, 8” sanitary sewer, 30” Dominion Gas transmission line, 30” Columbia Gas transmission line, 12” and 24” Washington Gas lines, and overhead electric, telephone, and cable TV lines. In our utility coordination efforts, it is always our first priority to identify design options to eliminate the need to relocate utilities. In lieu of relocating the 30” gas transmission lines, the Design-Build Team provided a solution to include a bridge over the Dominion Gas and Columbia Gas easements and Shirley coordinated with the gas companies to eliminate the transmission line relocations resulting in a savings of over \$4 million to the utility relocation budget.

Kettler ultimately contracted with Shirley to construct the Route 7/Rivercreek Interchange, which was completed on budget and in accordance with the approved project schedule.