



### [US Route 17 Improvements Spotsylvania County, Virginia](#)

This project involves the widening of Route 17 to a four lane divided roadway with shoulder and raised grass median between the west side of the existing bridge over I-95 to immediately east of Old Dominion Parkway; a distance of 7,700 linear feet of improvements along Route 17. The project involves geometric issues, drainage designations, environmental impacts and a new bridge over I-95. Several intersections along the alignment will be upgraded and a new intersection with the future Spotsylvania Parkway intersection. Utility relocations along this urban are substantial.

ATCS has performed a preliminary assessment for the Route 17 improvements, and identified all significant project issues and provided a preliminary cost estimate including schedule. Areas studied included environmental inventory, utilities, right-of-way impacts, other nearby projects, project constraints, the typical section, the potential HOT lane construction and maintenance of traffic. ATCS prepared a report to serve as a tool for Spotsylvania County staff to use in determining the most appropriate plan to advance the Route 17 improvements.

The County, in turn, decided to advance the project to the 10 percent design stage. ATCS was responsible for assembling and managing a design team to prepare the design. ATCS delivered a plan set including plan view sheets, profiles, typical sections and preliminary cross sections. Major drainage was designed as well as utility relocations, right of way needs and other incidental items. In addition, a report was provided to Spotsylvania County, which included a summary of the environmental, design, utility and other issues. A detailed cost estimate which included line item based construction costs, utility relocations, right of way acquisition, escalation, final design and other costs was provided.