



[I-495 Hot Lanes Fairfax County, Virginia](#)

ATCS is the lead partner in the VDOT Northern Virginia Megaprojects General Engineering Consultant (GEC) joint venture which encompasses over \$5 billion of planned construction, including the \$1.4 Billion I-495 HOT Lanes Project. The ATCS team is providing many services for VDOT under the megaprojects umbrella. Services relative the I-495 Hot Lanes project in design disciplines include:

- Performing technical and quality reviews of approximately 200 design packages. Items reviewed have included clearing and grubbing plans, erosion and sediment control plans, drainage design elements, vertical and horizontal geometry, roadside safety items, hydraulic analysis and drainage design, maintenance of traffic plans and other components. These activities were provided to ensure that the design met VDOT technical and contract requirements.
- Coordinating and participating in the resolution of highly technical and complicated design issues both during design and construction.

Performing a variety of design studies including:

- 30% design of additional improvements to the I-495 / Dulles Toll Road / Dulles Airport and Access Road interchange to meet Metropolitan Washington Airports Authority (MWAA) contract conditions
- Study to ensure conformance of design with the Environmental documents
- Review of changing soundwalls requirements
- Study of the I-495/Rte 123 Interchange for compliance with Fairfax County Comprehensive plan improvements and Dulles Rail track conflicts
- Coordination of resolution of all formal Design Exceptions and Design Waiver approval form FHWA and VDOT