

Traffic Engineering Study for Spring Hill Road

This study was conducted for VDOT. The Dulles Toll Road (DTR) and Spring Hill Road interchange was experiencing severe congestion resulting in backups on to the toll road. MCV collected turning movement counts and weaving movements to identify the travel patterns to and from the DTR. The data collected was evaluated using capacity/levels of service (HCS). Several alternative conceptual plans were developed to improve traffic flow. Traffic volumes were estimated for the alternatives including diversion to other roadways. The alternatives were evaluated and a short term solution was recommended for implementation.

