

# DOE (Germantown) Master Plan

As part of the master planning team for the DOE site in Germantown, Maryland, MCV conducted the traffic and parking analysis for the site. Extensive traffic data was collected that included peak period turning movement counts at adjacent intersections, auto occupancy for all arriving vehicles to the DOE facility during the morning peak period, parking occupancy and space availability for one day, and shuttle bus usage for the two services Germantown to Washington, D.C. and Germantown to other sites in Germantown. The data collected was analyzed to determine peak hour volumes and levels of service. Twenty years traffic projections were developed for the build-out of the site along with development of adjacent properties. The County Planning Model (SLATE) was used to forecast traffic. Capacity and levels of service analysis was conducted for the critical intersections including the two entrances/exits. TSM strategies were explored to reduce traffic impacts or increase development potential.

