

## City of Charles Town, West Virginia

This study was conducted for the City of Charles Town, West Virginia. Several of the City streets are narrow in width and are currently carrying traffic in both directions. The City requested a traffic circulation study to analyze the impacts of converting some two-way streets in to one-way streets. Turning movement counts were conducted at ten intersections during the AM and PM peak hours. A level of service analysis was conducted using the latest edition of Highway Capacity Software. Two future conditions were analyzed - 1. Do Nothing and 2. Selected One-way streets. In order to analyze the traffic impacts of converting selected two-way streets in to one-way streets, the existing traffic volumes were projected to the year 2006. The traffic was reassigned to account for the conversion to one way streets. A level of service analysis was conducted for the two conditions. A phased approach for converting two way streets in to one-way streets was recommended.

