

Soccer Trip Generation Rates Study

This study was conducted for Montgomery County Government for use in the Germantown Soccerplex. This project consisted of collecting and developing trip generation rate data for soccer games. Traffic entering and exiting the Fort Meade Soccer Tournament was recorded in 15 minute increments between the hours of 7:00 AM and 6:00 PM on Saturday and Sunday. The data collection also included auto occupancy for all inbound trips in 15 minute increments. There were a total of nine ball fields with 52 games scheduled on Saturday and 36 games on Sunday. The data collected was analyzed to determine the vehicle trip generation rates for daily trips, AM peak hour trips (between the hours of 7:00 AM and 10:00 AM), mid-day peak hour (between the hours of 10:00 AM and 2:00 PM) and PM peak hour (between the hours of 2:00 PM and 6:00 PM). Vehicle trip rates were estimated for total trips, trips per ball field, and trips per ball field per game.

