

## Traffic Signal Warrant Study Loudoun County, Virginia

A new high school was opening in the north west quadrant of the intersection of Hay Road and Claiborne Parkway in Loudoun County, Virginia. This study was conducted to determine if a traffic signal will be warranted at this intersection at the opening of the high school. Existing 12-hour turning movement counts at this intersection were used to project 12-hour future traffic after incorporating growth in through traffic, background development traffic and high school traffic (based on observations at a nearby high school). PC\_Warrants showed that signal warrants 9 and 10 were satisfied.

