

Department of Transpc
State of Georgia
Thomaston District Office

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Roundabout Evaluation

January 12, 2011

LOCATION: State Route 18 @ I-85 NB and SB Ramps, M.P. 1.39 and 1.48

CITY/COUNTY: Troup County

REQUESTED BY: State Traffic Engineer

REASON FOR INVESTIGATION: To determine the need for a roundabout.

F I N D I N G S

This interchange is located just within the east city limits of West Point. This is the first interchange entering Georgia from Alabama and the chosen route for most northbound commuters to access West Point and the Kia manufacturing plant. Past studies have concluded that signals are not warranted at the ramps due to the mainline volumes. The side street (ramp) volumes surpassed the necessary volumes for all volume warrants and major queues were observed. The ramps have right and left turn lanes at the intersections and State Route 18 is multilane through both intersections.

A multi-way stop evaluation was not conducted at the interchange due to State Route 18 being a multilane facility.

Recommendations:

Due to the observed queues and operation of these intersections, the construction of roundabouts at both ramps would be beneficial. It is recommended that a project to construct roundabouts at both ramps be initiated.

Prepared by:



Traffic Operations Manager

1-14-11

Date

I-85 @ State Route 18 Ramps (Troup County)

