

Location

The study intersection of SR 7 / US 41 / N Valdosta Road at Old US 41 / Val Del Road is in Lowndes County, GA. The intersection is approximately 2.0 miles to the west of I-75 Exit 22 N Valdosta Rd / Moody Air Force Base. An aerial of the vicinity around the study intersection is attached in **Appendix A**.

Reason for Investigation

Lowndes County has requested the intersection and traffic signal be analyzed for operational improvements due to the growth of the county. In addition to historical growth the County is anticipating additional residential development along Val Del Road over the next 10-20 years. The traffic study will analyze the impact of the proposed development and growth of the county on the study intersection.

Description of the Intersection

The study intersection of SR 7 / US 41 / N Valdosta Road at Old US 41/ Val Del Road is a four-legged intersection.

SR 7/ US 41 / N Valdosta Road is classified as a principal arterial and has a posted speed limit of 55 mph. SR 7 / US 41 / N Valdosta Road is a four-lane divided facility with grass median.

Val Del Road is the east leg of the intersection and is classified as a major collector with a posted speed limit of 45 mph. Val Del Road is a two-lane facility which connects to McMillian Road in the north and SR 7 / US 41 / N Valdosta Road in the south.

Old US 41 is the west leg of the intersection and is classified as local road with a posted speed limit of 45 mph. Old US 41 is a two-lane facility which connects to SR 7 / US 41 / N Valdosta Road in the west and in the east.

Existing Traffic Control

SR 7 / US 41 / N Valdosta Road at Old US 41/ Val Del Road is traffic signal controlled.

Pedestrian Movements

No pedestrian movements were observed at the study intersection. Also, there are no pedestrian facilities provided at the study intersection.

Other Modes of Transportation

There are no facilities for other modes of transportation, including bicycles and buses in the vicinity of the intersection.

Parking

There is no on-street parking at the study intersection.

Adjacent Signalized and Unsignalized Intersections

The intersection is approximately 0.7 miles (3,595 ft) to the south of the signalized intersection of SR 7 / US 41/ N Valdosta Road at Old US 41 / Foxborough Avenue.