

Conclusion

Background growth and anticipated residential development near the study intersection of SR 7 / US 41 / N Valdosta Road / Old US 41/ Val Del Road is anticipated to impact operations of the intersection and the traffic signal controlling it. This study analyzed the impact of the proposed growth on the study intersection and potential modifications to the intersection to improve operations.

The intersection currently operates at an unacceptable level of service during AM, LOS E and is expected to continue to operate at a worse level of service in the future design year 2042 if no modifications are made to the intersection. If the Val Del Rd approach lane movements are modified from a left, through, and right lane configuration to a left, shared left-through, and right turn lane configuration and side street signal phasing split phased the intersection will operate acceptably in it current and future conditions.

It is recommended the Val Del Rd approach lane movements be modified to a left, shared left-through, and right turn lane configuration and side street signal phasing split phased at the intersection.

RECOMMENDED BY: Chris Maddox
Chris Maddox, PE, PTOE - Traffic Study Engineer

Date: 2/10/2022

RECOMMENDED BY: _____
District Traffic Engineer

Date: _____

RECOMMENDED BY: _____
State Traffic Engineer

Date: _____

APPROVED BY: _____
Director of Operations

Date: _____