

# I-10 SYSTEMS INTERCHANGE MODIFICATION REPORT (SIMR)

Rapid growth in this area, driven in part by the addition of 10,000 new jobs by Navy Federal Credit Union (NFCU), the future development of Navy Outlying Field 8, and land use changes identified in the Escambia County Sector Plan, has created traffic operational issues on I-10 and surrounding roadways. As a result, westbound traffic exiting at Nine Mile Road has been observed queuing along the I-10 shoulder while waiting to exit. In addition, traffic delays on Nine Mile Road and Pine Forest Road have a metering effect on traffic traveling to I-10, influencing the travel time on the interstate. As such, there is a need for mainline and interchange improvements to accommodate existing traffic volumes as well as the anticipated future growth in the area.

Based on FL-AL TPO Congestion Management Process 2016 Level of Service (LOS) Analysis, the study roadways are currently operating at LOS D or better. However, congestion currently exists along I-10 in the westbound direction at the interchanges with Pine Forest Road and Nine Mile Road in both the AM and PM peak hours. Therefore, this SIMR provides a detailed operational analysis and identifies solutions.

## 1.2 PURPOSE AND NEED

The purpose and need of the PD&E study is provided below, from the April 25, 2018 ETDM Summary Report for Project 14240.

### *Purpose*

The purpose of this project is to address capacity and safety issues on I-10 between the Alabama State Line and US 29 in Escambia County. Currently, I-10 is a four-lane limited access roadway (two travel lanes in each direction) from the Alabama State Line to US 29, a distance of approximately ten miles. This project is intended to address existing and future congestion and delay on I-10 with the goal of making the I-10 corridor operate safer and more efficiently throughout Escambia County.

### *Need*

This project is needed to address capacity and safety issues on I-10 from east of the Alabama State Line to US 29 in Escambia County.