

CITY OF APALACHICOLA

2008

LEVELS OF SERVICE

ON STATE ROADS

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1. INTRODUCTION

The Florida Department of Transportation (FDOT), District 3 Planning Office contracts with the Apalachee Regional Planning Council to prepare this annual report of existing and projected level of service (LOS) on State roads in the City of Apalachicola. This LOS analysis was prepared in accordance with the standards and measurement techniques for generalized planning presented in the FDOT Quality/Level of Service Handbook and incorporates the most recent traffic data available from FDOT's Transportation Statistics Office.

2. ARPC ANALYSIS

The 2008 LOS analysis for State roadways in the City of Apalachicola is presented in Appendix A. The State road segments included in this analysis are listed in column one. Other columns identify the road characteristics of each segment including number of lanes (NO. LANES), number of signals or stops (SIG./STOPS), median/turn lane type (FAC TYPE), length of section (LGH. miles) and LOS area type (LOS AREA). These characteristics are used to determine the maximum traffic volume for each segment based on the FDOT Generalized Service Volumes for Cities Less Than 5,000 Population contained in Appendix B.

The "LOS STD / MAX.VOL" column shows the FDOT and local comprehensive plan LOS standard for each road segment and the applicable maximum traffic volume from the generalized tables in Appendix B. The columns titled "FDOT STAT" shows the FDOT count station(s) used to determine traffic counts for each road segment. The "2008 COUNTS" column shows the FDOT annual average daily traffic (AADT) count and peak hour directional (PH/PD) count for each segment. If a segment contains multiple station counts an average is used in the analysis. In some cases, count stations located outside a listed segment may be used if they are representative of the vehicles on a significant portion of a segment.

Traffic counts were compared with maximum volume estimates from the generalized tables (Appendix B) to estimate current roadway LOS. The "AADT and PH/PD ANALYSIS" columns show past, present and projected counts and estimated LOS for each road segment. The AADT "ANNUAL RATE" shows the calculated growth rate based on the ten year FDOT traffic data. The Annual Rate was used to calculate the 2013 and 2018 traffic projections unless the rate was below the one percent (1%) minimum or above the six percent (6%) maximum.

3. RECOMMENDATIONS

The analysis shows the segment of US 98 east of CR 384 was operating at LOS D in 2008, which is above the City's adopted LOS C standard. The analysis presented in this report is based on generalized data. The City may wish to conduct a more specific study of US 98 to get a better understanding of current and future traffic conditions and potential solutions for addressing the LOS deficiency.

The impact of proposed development on US 98 should continue to be evaluated and appropriate measures taken to mitigate adverse impacts including improvements to the surrounding road network and installation of turn lanes and pedestrian and bicycle enhancements.