

## MAYOR AND COUNCIL COMMUNICATION

**DATE:** March 18, 2025

**TO:** Mayor and Council

**FROM:** David Dimaline, Public Works Assistant Director

**THROUGH:** Crystal Caldera, Ph.D., City Manager

**SUBJECT:** Discussion and Possible Action of an Ordinance Authorizing a Budget Adjustment in the Amount of \$27,847.00 from the Red-Light Camera Fund to Purchase and Install an Intersection Conflict Warning System at the Intersection of Evers Rd. and Adair Dr. (1<sup>st</sup> Read was Held on 03-04-2025)

**SPONSOR(S):** None

### Purpose

This M & C is to approve additional funding for the purchase and installation of an Intersection Conflict Warning System at the Intersection of Evers Rd. and Adair Dr.

A traffic safety assessment was conducted to re-evaluate existing traffic conditions at the Evers Rd. and Adair Dr. intersection. This intersection provides a single access point for 27 properties located along Adair Dr. and Countess Adria to Evers Rd. The existing speed limit along Evers Rd. is 30 m.p.h. In the month of December 2024, the traffic counts were approximately 8,500 cars per day, with an average speed limit of 32 m.p.h. The 85<sup>th</sup> percentile was 36 m.p.h., meaning 85% of vehicles on the road traveled at or below 36 m.p.h. A couple of other data sets from previous months show the 85<sup>th</sup> percentile to be 32 m.p.h. and 35 m.p.h.

The traffic engineer analyzed intersection crash frequency, and stopping and intersection sight distance. Crash data from the Leon Valley Police Department showed no accidents reported between March 2017 and March 2022. Considering the crash frequency observed as well as the low traffic volumes from the 27-lot subdivision, stopping sight distance would not be of significant concern.

As a proposed sight distance mitigation alternative, the traffic engineer recommends a dynamic warning sign, or Intersection Conflicting Warning System (ICWS). The system would detect vehicles on the main road (Evers Rd.) utilizing cameras and indicate their presence to drivers on the minor roadway (Adair Dr.), when signage is flashing.

The Crash Modification Factors Clearinghouse lists a 32% reduction for all crash types when installing a "Vehicles Entering When Flashing" system.

**Fiscal Impact**

Project Costs

ICWS :	\$18,050.00
Construction:	<u>\$ 9,797.00</u>
Total:	\$27,847.00

**Total Budget Adjustment Needed: \$27,847.00**

Red Light Camera Fund (as of 09/30/24): \$944,822

**Recommendation**

It is recommended the City Council approve the request for a budget adjustment to purchase an Intersection Conflict Warning System at Evers Rd. and Adair Dr.

APPROVED: \_\_\_\_\_ DISAPPROVED: \_\_\_\_\_

APPROVED WITH THE FOLLOWING AMENDMENTS:

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ATTEST:

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**SAUNDRA PASSAILAIGUE, TRMC**  
City Secretary