



Staff Report

Agenda Item No. E-3

To: City of Imperial Traffic Commission

From: Lisa Tylenda, Planner

Date: September 26, 2018

Subject: Proposed “time” increase for pedestrians at the crosswalk located at the intersection of HWY 86 and 15th Street.

Background

During the September 5th, 2018 City Council meeting, council directed staff to begin the process of increasing the allotted crossing “time” at the crosswalk located at the North intersection of HWY 86 and 15th Street. The item has been reviewed by the Development Review Committee. The current time to cross is 49 seconds in approximately 140 feet

The current Practice as per MUTCD (Manual of Uniform Traffic Control Devices) specifies use of a walking speed of 3.5 feet/ second to calculate pedestrian crossing time. The MUTCD also states that a slower walking speed can be used if people who walk more slowly or use wheelchairs “routinely use the crosswalk”. Current research suggests that if there are more than 20% elderly people in the pedestrian stream, a slower walking speed of 3.0 feet/second should be used to calculate pedestrian crossing time.

Increasing the crosswalk timer at HWY 86 and 15th Street new stops signs at the east and west intersection would meet the vision of safety on the City Council’s behalf, but could potentially meet and influence some of the goals within our Land Use and Circulation Element:

- **Circulation Element Goal #1 Circulation & Land Use:** Plan land uses in conjunction with the circulation system to encourage future growth in areas of higher density on transportation nodes, which will better allocate City resources and limit vehicle miles traveled.
- **Circulation Element Goal #2 Safe & Complete Streets:** Develop a multi-modal network and balanced transportation system that safely accommodates all modes of travel.

- **Circulation Element Goal #3 Circulation Efficiency:** Provide for safe and efficient movement for all modes of transportation throughout the City.
- **Circulation Element Goal #4 System Sustainability:** Attain a sustainable transportation system that can be built, operated, and maintained, within the City's existing and future resources.

Staff Recommendation:

Staff recommends this item to the Traffic Commission for discussion and action.

Location Map:



