

## MEMORANDUM

**To:** Mayor and City Council Members  
Steve Parker, City Manager

**From:** Mary Hamann, P.E., Assistant City Engineer

**Through:** Rick Cortes, Deputy City Manager

**Subject:** Ordinance establishing an all-way stop at the intersection of Jefferson Avenue and Volunteer Street

**Date:** June 6, 2023

Engineering staff received a request for an all-way stop at the intersection of Jefferson Ave and Volunteer St/Pecan Grove apartment complex driveway due to safety concerns related to speeding on Jefferson Ave and pedestrian activity.

The intersection has four approaches and is currently controlled by a stop on Volunteer St. Jefferson Ave has a posted speed limit of 30 mph and is classified on the Master Thoroughfare Plan (MTP) as a collector. Volunteer St has a speed limit of 30 mph and is also classified as a collector on the MTP. The fourth leg of the intersection across from Volunteer St is the driveway to the Pecan Grove apartment complex and is a gated access point to the complex.

An engineering review with traffic counts was conducted in accordance with the *Texas Manual on Uniform Traffic Control Devices (TMUTCD)* using traffic count data collected in April 2023 for the Jefferson Ave and Volunteer St approaches. Because the apartment complex is not fully occupied at this time, the volume of traffic from the apartments was determined by the number of trips generated from a low-rise apartment complex using the 11<sup>th</sup> Edition of the *Trip Generation Manual*, assuming 50% of the vehicles on the site used the driveway on Jefferson Ave. The intersection crash history was reviewed by staff. The summary of the results of this investigation are attached.

Based on the result of these investigations, an all-way stop is not warranted at this intersection at this time. Staff does not recommend that an all-way stop be installed as installing traffic control when it is not warranted may lead to non-compliance, furthering any safety concerns at the intersection. Additionally, the *TMUTCD* states that stop signs should not be used for speed control. Staff will be available to answer any questions at the June 6, 2023 City Council meeting.