



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: January 7, 2019

Re: Amending Chapter 14 of the City Code to Reduce the Speed Limit on a Portion of Stewart Road

Executive Summary

Staff is proposing to amend Chapter 14 of the City Code to reduce the speed limit on Stewart Road, between West Boulevard and Providence Road, to 25 mph. This is the only section of Stewart Road that is currently posted as 30 mph.

Discussion

During the spring of 2017, traffic calming devices were installed on Stewart Road from West Boulevard to Providence Road through the Neighborhood Traffic Management Program. Following are the results of the speed characteristics identified prior to the installation of traffic calming devices:

85th Percentile Speed = 37 mph

Average Speed = 33 mph

Mode Speed = 30 mph

City staff conducted a speed study on Stewart Road after the installation of the traffic calming devices with the following results:

85th Percentile Speed = 29 mph

Average Speed = 26 mph

Mode Speed = 25 mph

The number of crashes that occurred on this portion of Stewart Road has been reduced since the installation of the traffic calming devices. There were a total of 15 reported crashes that occurred in the 5 years before installation (3 crashes per year), and just one (1) reported crash in the 18 months since the installation of the traffic calming devices (0.67 crashes per year). Overall, the calming devices have reduced the operating speed and appear to have improved the overall safety of the roadway.

Based on this information, staff recommends amending Section 14-223 of the City Code to change the current 30 mph speed limit to 25 mph on Stewart Road between West Boulevard and Providence Road to better reflect the operating speeds that are currently occurring on Stewart Road.



Fiscal Impact

Short-Term Impact: \$600 for new speed limit signs on Stewart Road to reflect change in speed limit.

Long-Term Impact: None

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Legislative History

Date	Action
05/01/2017	PH11-17-Public Hearing held for the proposed construction of speed tables and the installation of speed humps and crosswalks on Stewart Road, between West Boulevard and Garth Avenue.
04/03/2017	R42-17-Setting a public hearing for the proposed construction of speed tables and the installation of speed humps and crosswalks on Stewart Road, between West Boulevard and Garth Avenue;
02/06/2017	R17-17-Accepting the Neighborhood Traffic Management Program 2016 Year End Report Summary; authorizing the Stewart Road traffic calming project to proceed.

Suggested Council Action

Pass the ordinance amending Chapter 14 of the City Code to reduce the speed limit on Stewart Road, from 30 mph to 25 mph, between West Boulevard and Providence Road.