



Transportation Advisory Board Report

Date: May 17, 2015
To: Transportation Advisory Board
From: Sabine Ellis, City Traffic Engineer
Subject: Speed Limit Change – McLellan Road from Stapley Drive to Gilbert Road

Purpose and Recommendation

In early 2016, the Candlelight Estates Community requested traffic calming measures on McLellan Road to make it more neighborhood friendly and match its nature with other similar streets in this area of Mesa.

As a result of the subsequent review, staff recommends decreasing the speed limit from 30 mph to 25 mph on McLellan Road from Stapley Drive to Gilbert Road. See attached figure for a location map.

Background

McLellan Road between Stapley Drive and Gilbert Road is a 48-foot wide street within a residential neighborhood and a posted speed limit of 30 mph. It provides direct driveway access for a number of homes and is fronted by MacArthur Elementary School with two 15 mph school zones and crosswalks. Many students walk or bike to school along this segment of McLellan Road.

Discussion

In response to the request of the Candlelight Estates Community, a speed study was conducted in February 2016 and the 85th percentile speed was 38.6 mph. To provide traffic calming, McLellan Road was recently striped with 8-foot parking lanes, 5-foot bike lanes, and 11-foot travel lanes in each direction. This clearly defines areas for each road user and the narrowing of vehicle travel lanes typically results in a slight reduction in speed.

Harris Drive, with a similar roadway width in the immediate vicinity of McLellan Road, has a 25 mph speed limit. McLellan Road to the east near Val Vista Drive also has a posted speed limit of 25 mph and the same pavement markings as this segment of McLellan Road.

Alternatives

The alternative is to make no changes to the posted speed limit.

Fiscal Impact

The fiscal impact of making the change discussed in this report is estimated to be less than \$400, which would come from the existing traffic operations budget. No other fiscal impacts to the City of Mesa are anticipated.

Fiscal impact is not a consideration in making a recommendation in this instance.



ITEM NO. 6

25 MPH PROPOSED SPEED LIMIT



CITY OF MESA
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FIGURE : LOCATION MAP