



City Council Report

Date: November 18, 2019
To: City Council
Through: Karolyn Kent, Assistant City Manager
From: RJ Zeder, Transportation Department Director
Sabine Ellis, City Traffic Engineer
Subject: Establish Speed Limit – Channing, Baseline Road to a point 350 feet north of Baseline Road, Council District 6

Purpose and Recommendation

Approximately 1,700 feet of Channing were constructed as part of the Heritage Crossing residential subdivision. This street has been identified as collector roadway within the Heritage Crossing community and will require a speed limit to be established per City Code.

Staff recommends establishing a speed limit of 35 miles per hour (mph) on Channing from Baseline Road to a point 350 feet north of Baseline Road in Mesa City Code (City Code). See Figure 1 for a location map.

Background and Discussion

Channing is a fully developed 80-foot wide collector that functions as the Hawes Road extension. It transitions to a 34-foot wide cross section 350 feet north of Baseline Road and terminates approximately 1,700 feet north of Baseline Road, where it T-intersects with Impala Avenue. Channing will be the main access for the residents living in the Heritage Crossing community. A 35-mph speed limit is reasonable and typical for this type of roadway within residential neighborhoods. The speed limit is lowered to 25 mph as the roadway width of Channing decreases to 34 feet 350 feet north of Baseline Road. The 35-mph speed limit must be established by means of Ordinance and amendment of Section 10-4-5 of the City Code.

Coordination

The Transportation Advisory Board has reviewed the proposed speed limit establishment and concurred with staff's recommendation to establish a speed limit of 35 mph on Channing from Baseline Road to a point 350 feet north of Baseline Road at their September 17, 2019 meeting.

Alternatives

As an alternative, a speed limit other than the recommended 35 mph could be established. However, considering the roadway geometrics of Channing, such as curvature and superelevation, the adjacent land uses, and the posted 40-mph speed limit of Hawes Road south of Baseline Road, the recommended 35-mph speed limit is most appropriate and reasonable.

Fiscal Impact

The installation of speed limit signs is included in the construction of the Heritage Crossing community, resulting in no fiscal impact.

