



mesa·az Transportation Advisory Board Report

Date: December 16, 2008
To: Transportation Advisory Board
From: Derrick Bailey, Senior Transportation Engineer
Subject: Establish New Speed Limit
Hampton Avenue, Cheshire to Signal Butte Road

Purpose and Recommendation

Hampton Avenue is being extended from Cheshire to Signal Butte Road as part of the offsite improvements associated with Mountain Vista Marketplace. A speed limit should be established for this new section of road.

Hampton Avenue is a collector road from Crismon Road to its current terminus at Cheshire. The speed limit on this existing section of Hampton Avenue is 30 mph.

The new section of Hampton Avenue is approximately one-half mile in length. The design speed is 40 mph. Given the short length of the new section, and the desire to maintain a consistent speed limit between the existing section and new section, Staff recommends a 30 mph speed limit for Hampton Avenue between Cheshire and Signal Butte Road. The recommended change is illustrated in Figure 1.

Alternatives

One alternative is to adopt a 35 mph speed limit. With a 40 mph design speed, the road could accommodate a 35 mph speed limit. However staff recommends that the speed limit be consistent with the existing section of Hampton Avenue immediately to the west. The speed limit to the west should not be raised due to a reverse curve in the road.

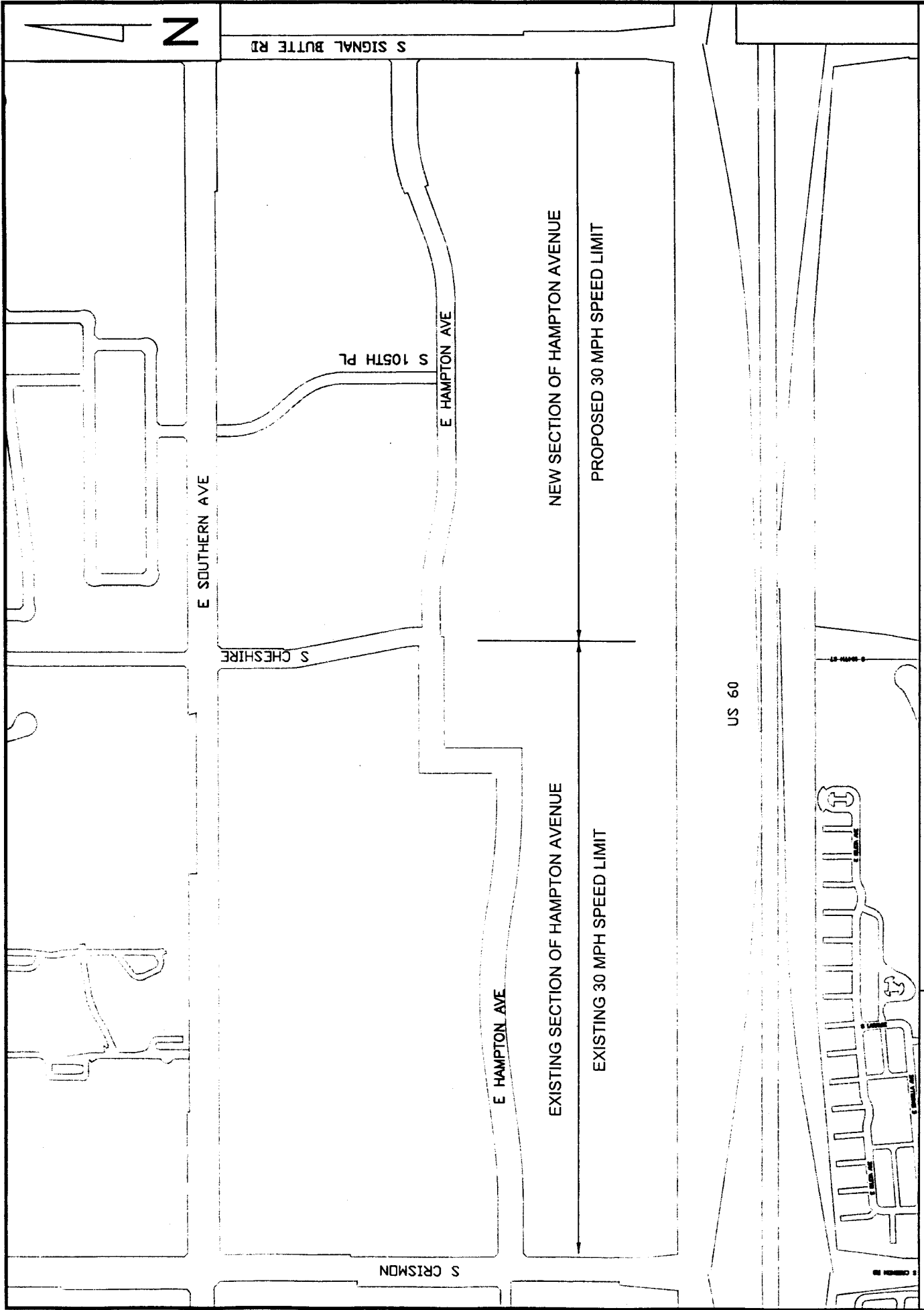
Another alternative is not to adopt any speed limit. The speed limit would then become 25 mph by default. Staff feels 25 mph is unreasonably low.

Fiscal Impact

A total of four new signs will be installed, regardless of the speed limit, at a cost of approximately \$400.



Derrick Bailey, Senior Transportation Engineer



CITY OF MESA
TRANSPORTATION

FIGURE 1: HAMPTON AVENUE SPEED LIMIT

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF MESA, ARIZONA AMENDING SECTION 10-4-6 OF THE MESA CITY CODE PERTAINING TO SPEED LIMITS WITHIN THE CITY LIMITS OF MESA; AND PROVIDING CIVIL SANCTIONS FOR THE VIOLATION THEREOF.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MESA, MARICOPA COUNTY, ARIZONA, AS FOLLOWS:

Section 1: That Section 10-4-6 of the Mesa City Code is amended by changing the following provision in alphabetical order and thereby describing streets on which a person shall not exceed a speed limit of thirty (30) miles per hour:

Hampton Avenue From Crismon Road to ~~Cheshire~~ **SIGNAL BUTTE ROAD;**

Section 2: Civil Traffic Violations: Any violation of or failure or refusal to do or perform any act required by the provisions of this ordinance or of the Mesa City Code as amended herein shall constitute a civil traffic violation.

PASSED AND ADOPTED BY THE CITY COUNCIL OF THE CITY OF MESA, MARICOPA COUNTY, ARIZONA, this _____ day of _____, 2009.

APPROVED:

Mayor

ATTEST:

City Clerk