



## 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.

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Derrick Bailey, Senior Transportation Engineer

