



MEMORANDUM

To: Board of Public Safety

From: Rick Brown, Director of Public Works/City Engineer

Date: March 5, 2019

Re: Route 100 Speed Survey

Please be advised that MoDOT completed a speed study of Route 100 in Wildwood from Westglen Farms/Manchester Road to Route 109.

Karen Yeomans, Area Engineer with MoDOT, reported the results of the study by email. She stated that MoDOT feels the current 55-mph speed limit is still appropriate for this section of Route 100. The national standard for establishment of speed limits is to match the speed that most motorists are driving on a given road (the 85th percentile speed). Studies have shown that most people will drive at a speed which they are comfortable despite the posted speed limit. MoDOT's speed study indicated that the 85th percentile speed on this section of Route 100 is about 62 mph. Based on that information, MoDOT plans to leave the speed limit at 55 mph.

MoDOT's position is that posting a reduced speed limit may result in a traffic speed differential whereby most drivers would still drive at 55 or higher, but some would try to obey the speed limit and drive slower. This could result in more crashes, and thus, they are opposed to a reduction of the speed limit. The most effective method to reduce traffic speed and improve safety is through strict, consistent enforcement of the existing 55 mph speed limit.

I will be available for any questions regarding this matter at the March 7th meeting of the Board of Public Safety.

RCB