



April 12, 2017

Samuel Snyder, President  
Yoe Borough Council  
150 North Maple Street  
Yoe, PA 17313-1110

York County – Yoe Borough  
Main Street (SR 2007)  
Speed Study

Dear Mr. Snyder:

This is in response to your letter dated January 31, 2017, requesting an analysis of the existing speed limit at the subject location.

PennDOT conducted engineering and traffic studies in accordance with 67 Pa Code § 212.108 (*Speed Limits*). Analysis of roadway geometry, crash data, sight distance, roadside development, speed data, and traffic volume were elements considered in the studies. The results of the speed study along Main Street (SR 2007) indicate that a change in the existing 25 MPH posting is not justified. The speed data collected revealed the 85<sup>th</sup> percentile speeds to be 30 MPH for northbound SR 2007 vehicles, and 24 MPH for southbound vehicles. This data was collected in an area that has minimal influence from the steep grades present on SR 2007 at the northern and southern areas of the Borough, and is consistent with the existing 25 MPH posting, and our accepted practices of collecting speed data.

Your request letter stated that the Borough has proactively updated the speed limit signing, and increased speed limit enforcement along the corridor, yet continues to receive concerns from a resident regarding speeding vehicles, a concern that was not proven during our recent study. The 85<sup>th</sup> percentile speed is that speed at or below, which 85% of the sampled motorists were found to be traveling. Speed limits established at or near the 85<sup>th</sup> percentile speed conform to the consensus of those who drive the highway as to what speed is safe and reasonable, and is not dependent on the judgement of one or a few individuals who are inclined to be reckless, or have faulty judgement in their operation of a motor vehicle. In addition, our regulations specifically state that the speed limits are established within five (5) miles per hour of the 85<sup>th</sup> percentile speed. As you can see, the existing posted speed is already established at what our regulations allow. Residents living along such urbanized arterial roadways should have realistic expectations regarding the driving public and the challenges involved with enforcement activities in such areas.

Your interest in highway safety is greatly appreciated. If you have any questions please contact Christopher Flad, P.E., of the District Traffic Unit at 717-783-4826.

Sincerely,

A handwritten signature in blue ink that reads "Jason C. Bewley".

Jason C. Bewley, P.E.  
District Traffic Engineer

CCF/sab  
(717a)