



UPPER MORELAND POLICE

Pioneer Road

Traffic Study

August 2020

Initial Complaint:

The Traffic Safety Unit at the Upper Moreland Police Department received a report of excessive speed on Pioneer Road in the area of Butternut Drive.

Description of Area:

Pioneer Road is a local roadway that is restricted to 35 MPH. The roadway is approximately 6,198-feet long with an average width of 18-feet. Residential houses line both sides of the street. Pioneer Road runs east to west from Orangemans Road to Byberry Road. The portion of Pioneer Road that is the subject of the complaint is near it's intersection with Butternut Drive. There are no sidewalks on this section of the roadway.

Data Gathering Method:

Speed/volume counters were placed in front of 2040 Pioneer Road for a 5-day period between 8/24/20 and 8/28/20. Crash data was gathered and evaluated for a five-year period.

Hazardous Factors:

Evaluating the speed of vehicles, the volume of traffic, and the total number of crashes assists in determining the level of response necessary to address the public safety concern.

The speed of vehicles on Pioneer Road indicated that 0.5% of vehicles met the threshold for enforcement. The 85th percentile speed for vehicles on Pioneer Road is 36.5 MPH in a 35 MPH restricted zone.

During the study period, 15,793 vehicles traveled on this section of Pioneer Road.

There has been (1) crash on this portion of Pioneer Road in the 5-years prior to the study, not to include any crashes at the intersection of Pioneer Road and Shoemaker Road. The sole crash was a struck mailbox in a resident's front yard.

Analysis:

At this time, speeding is not an issue on this section of Pioneer Road.

The average speed is 30.51 MPH.

Response:

This study was conducted to confirm the results of traffic studies that were conducted in 2016 and 2017. Those studies showed that speeding was not an issue on this section of Pioneer Road. At this time, speeding is not an issue that requires enhanced patrol on this portion of roadway.