



UPPER MORELAND POLICE

Carlson Drive Traffic Study June 2015

Initial Complaint:

A neighborhood resident reported that vehicles travel at a high rate of speed on Carlson Drive and would like to see a stop signs installed on Carlson Drive at Margo Lane.

Description of Area:

Carlson Drive is a local roadway in a residential neighborhood which is located in the Willow Grove section of Upper Moreland Township. The roadway runs between Welsh Road (SR 63) and Fitzwatertown Road (SR 2038). The name of the roadway changes from Carlson Drive to Whitehall Road mid-way between Welsh and Fitzwatertown Roads. The posted speed limit is 25 mph.

The intersection of Carlson Drive and Margo Lane is controlled by one (1) stop sign for Margo Lane. Carlson Drive is not controlled.

Data Gathering Method:

Speed/volume counters were placed in front of 2020 Carlson Drive for a period of seven (7) days. Crash data was gathered and evaluated for a five (5) year period. Pedestrian volume was noted on five (5) separate dates/times.

Hazardous Factors:

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

The speed of vehicles using Carlson Drive indicated that 4.28% of vehicles met the threshold for enforcement. The 85th percentile speed for vehicles on Carlson Drive is 27 mph.

During the study period, 3,033 vehicles traveled on Carlson Drive.

Crash reports do not indicate that there is an existing public safety hazard on this section of roadway.



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Pedestrian volumes are low at the intersection of Carlson Drive and Margo Lane.

Analysis:

The data collected does not support the perception that a large percentage of vehicles travel at a high rate of speed on Carlson Drive near Margo Lane. Crash reports do not indicate that there is an existing public safety hazard on this section of roadway. The average speed of vehicles traveling on this section of Carlson Drive is 22 mph. Pedestrian volumes do not indicate that additional stop signs are needed on Carlson Drive at Margo Lane.

Response:

Random patrol of Carlson Drive in the area of Margo Lane is sufficient at this time. This location does not require enhanced patrol.