



UPPER MORELAND POLICE

2100 block of Edge Hill Road Traffic Study
December 2011

Initial Complaint:

A neighborhood resident reported a concern that traffic on Edge Hill Road routinely disregards the posted speed limit and the excessive speed has caused several crashes that endanger the residents.

Description of Area:

The 2100 block of Edge Hill Road is between Quigley Avenue and Manor House Lane in the Huntingdon Valley section of Upper Moreland Township. Edge Hill Road is a curvy two-laned roadway which is posted at 35 mph. The properties bordering the roadway are heavily wooded and residential. Driveways for the properties feed into Edge Hill Road along with several perpendicular streets and there is no on-street parking. Edge Hill Road has no traffic control devices between Moreland Road and Terwood Road.

Data Gathering Method:

Speed/volume counters were placed in front of 2150 Edge Hill Road for a period of seven days.

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 using the Edge Hill Road corridor indicated that 20.6% of the vehicles using that roadway met the threshold for enforcement. In order to issue a citation for speeding (without the use of radar), the offending vehicle must be traveling 10 or more miles per hour over the posted limit.

During the study period, 21,603 vehicles used the Edge Hill Road corridor. An even distribution of vehicles traversed the Edge Hill Road corridor between the hours of 6AM and 10PM.

In the last five years, there have been two crashes on the Edge Hill Road corridor.

Analysis:

Crash data does not support the concern that an immediate need exists for enforcement.

Speed data for the Edge Hill Road corridor does support the concern that an immediate need exists for enforcement. The majority of the speeding offenders do so during the hours of 7AM-9AM and 9PM-11PM.

Response:

All Police Department personnel will receive a copy of this traffic study and speed lines will be painted on the roadway enabling speed enforcement. A specialized enforcement plan will be enacted for a period of two months after which time a follow-up traffic study will be conducted to determine whether compliance has improved.

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