



## UPPER MORELAND POLICE

### **Newington Drive Traffic Study June 2015**

#### ***Initial Complaint:***

A neighborhood resident reported that vehicles travel at a high rate of speed on Newington Drive and run the stop signs at the intersection of Newington Drive and Topsfield Road.

#### ***Description of Area:***

Newington Drive is a local roadway in a residential neighborhood which is located in the Hatboro section of Upper Moreland Township. The roadway runs east and west between Mill Road and York Road (SR 263). The posted speed limit is 25 mph.

#### ***Data Gathering Method:***

Speed/volume counters were placed in front of 114 Newington Drive for a period of seven days. **Note: Speed Feedback Displayed.** Three (3) separate directed patrols were implemented for a minimum of a two (2) week time period for speed and stop sign violations at the intersection of Newington Drive and Topsfield Road. Crash data was gathered and evaluated for a five (5) 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 using Newington Drive when speed feedback was displayed indicated that 0.55% of vehicles met the threshold for enforcement. The 85<sup>th</sup> percentile speed for vehicles on Newington Drive is 26 mph.

During the study period, 8,162 vehicles traveled on Newington Drive.

Crash reports do not indicate that there is an existing public safety hazard at or near the intersection of Newington Drive and Topsfield Road.



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### ***Analysis:***

The data collected does not support the perception that a large percentage of vehicles travel at a high rate of speed on Newington Drive when speed feedback is displayed. Stop sign violations do appear to be a problem at the intersection of Newington Drive and Topsfield Road. 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 Newington Drive is 21 mph.

### ***Response:***

This location does require enhanced patrol. Directed Patrols for speed and stop sign violations will continue to be used at random times. Traffic counters will be used when available to make vehicle operators aware of their speeds.