



## UPPER MORELAND POLICE

Corinthian Avenue Traffic Study  
August 2010

### Initial Complaint:

Neighborhood residents reported that Corinthian Avenue suffered from vehicles speeding, stop sign violations and heavy cut-through traffic.

### Description of Area:

Corinthian Avenue is in the Hatboro section of Upper Moreland Township. It runs parallel to County Line Road and perpendicular to Warminster Road. It is the last street before County Line Road that motorists can use to travel eastbound from Warminster Road. Corinthian Avenue is a residential area and is posted at 25 mph.

### Data Gathering Method:

Radar and tube speed/volume counters were placed along Corinthian Avenue for a period of seven days. The counters were placed in front of 403, 414 and 507 Corinthian Avenue. By placing the counters in three different locations along the route, it was possible to determine the path taken by the majority of the traffic using the Corinthian Avenue corridor.

### 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 Corinthian Avenue corridor indicates compliance with the posted speed limit. Less than 1% of the vehicles travelling along Corinthian Avenue during the week of data gathering exceeded the enforceable speed limit.

The volume of traffic using Corinthian Avenue varied between the three counters posted on the route. The counter in front of 403 Corinthian Avenue, which is between Warminster Road and Preston Lane (west), had a total of 6379 vehicles. The counter in front of 414 Corinthian Avenue, which is between High Avenue and Preston Lane (west), had a total of 4526 vehicles.

The counter in front of 507 Corinthian Avenue, which is between High Avenue and Preston Lane (east), had a total of 2303 vehicles.

There was one crash in the last five years along Corinthian Avenue.

Analysis:

Speed and crash data for the Corinthian Avenue corridor do not support the concern that a public safety danger exists in this area.

Reviewing the volume data indicates that a nearly equal amount of vehicles turn from Corinthian Avenue onto Preston Lane or High Avenue. It is apparent that this section of the Township is being used as a cut-through route from one State highway to another State highway. Cut-through traffic in itself is not illegal. Prohibiting cut-through traffic with local legislation jeopardizes reducing the Township's liquid fuel tax proceeds from the State. The high volume times for this route are the morning and evening rush hours and mid-day.

Response:

Since there is no evidence that speeding is a problem with the motorists using the Corinthian Avenue corridor, the only enforcement that can occur is for stop sign violations at intersections in this section of the Township. A Directed Patrol order has been issued for this enforcement to begin immediately.

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