



UPPER MORELAND POLICE

Warminster Road and Ashley Drive

UM-17-08373

Traffic Study
June 2017

Initial Complaint:

A resident reported that vehicles consistently block the intersection which restricts the flow of traffic on and off of Ashley Drive.

Description of Area:

Ashley Drive is a residential street that intersects with Warminster Road in the Hatboro section of Upper Moreland Township. Residential homes line both sides of the roadway as well as a local business. Ashley Drive is 422 feet long that is oriented east/ west with a cul-de-sac at the end and is 30 feet wide with eleven homes.

Data Gathering Method:

Speed/volume counters were placed on Warminster Road near its intersection with Ashley Drive for a period of seven days. Crash data was gathered and evaluated for a five-year period. PA Vehicle Statutes were researched to ensure proper enforcement action if needed.

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 this section of Warminster Road indicated that 24% of vehicles met the threshold for enforcement for speed. The 85th percentile speed for vehicles on this section of Warminster Road is 37.06 mph.

During the study period, 58,602 vehicles traveled on this section of Warminster Road with an average of 8,371.7 vehicles per day.

Crash reports over a five year period do not indicate that there is an existing public safety hazard on this section of roadway in direct reference to the citizen concern.



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Analysis:

Only one crash was reported at the intersection of Ashley Drive and Warminster Road over the five year period between 2012 and 2017. The reported crash was a vehicle turning left onto Ashley Drive from Warminster Road. The summation of that crash specifically states that “a gap” was left to allow the vehicle to turn onto Ashley Drive. The primary cause of the crash was the vehicle turned onto Ashley Drive and did not see the vehicle proceeding straight in the curb lane. The vehicle in the curb lane did have the right of way.

At this time, we have discovered that there is an extensive amount of volume on Warminster Road specifically between the hours 0700 hours and 1900 hours. More specifically, the three highest volume times reported are, Mondays 1200-1300 and 0700-0800, and Fridays 1000-1100 hours.

The amount of volume in itself does not constitute as a hazard however it is plausible to see there could be an issue with vehicles blocking the intersection at Ashley Drive.

Response:

Officers should be directed to the intersection of Warminster Road and Ashley Drive to enforce the following:

Title 75 of PA Vehicle Code

§ 3710. Stopping at intersection or crossing to prevent obstruction.

No driver shall enter an intersection or a crosswalk or drive onto any railroad grade crossing unless there is sufficient space on the other side of the intersection, crosswalk or railroad grade crossing to accommodate the vehicle operated without obstructing the passage of other vehicles, pedestrians or railroad trains notwithstanding any traffic-control signal indication to proceed.

Due to the enforcement threshold for speed, officers may also be directed to conduct random speed enforcement along Warminster Road in the areas of Corinthian Avenue and Newton Road where current speed lines exist.