

Upper Merion Township **Local Traffic Calming**

Purpose: To address speeding and high volume cut-through traffic on Upper Merion Township owned residential streets.

Traffic Calming Measures: Traffic Calming Measures (TCM) are physical traffic control or intervention measures designed to self-police a designated area. These measures include, but are not limited to speed humps.

Designated Area: Areas considered for Traffic Calming Measures (TCM) must meet established standards to qualify. The criteria applied to each petition for TCM are; speed, volume, number of crashes, proximity to schools, school bus stops, pedestrian traffic and pedestrian facilities.

Qualification for a Traffic Calming Measure:

- 80% of the properties in the designated area must be residential.
- 80% of the residents in the designated area must support the program and have signed the petition.

Eligibility of a Traffic Calming Measure:

- Residents must submit a standard **TCM** Petition (attached) to the Upper Merion Township Police Department. The application can be picked up at the Police Records Room Monday through Friday from 9 A.M. to 5 P.M, or downloaded from the township website at www.umtownship.org.
- The Police Department's Traffic Safety unit will conduct a study to determine the eligibility of the proposed designated area through the use of the **Traffic Calming Project Ranking System**.
- If the petition meets the requirements of the program, the police department will prepare a recommendation for the Traffic Regulation Commission.
- The TRC then determines what action, if any, will be taken. This includes designating the area where the installation of a traffic calming device will take place, type of device to be installed and whether that device will be temporary or permanent. The Public Works Department is responsible for installation of the device, appropriate signage and painting.

**Upper Merion Township
Police Department**

175 West Valley Forge Road
King of Prussia, PA 19406
Phone: 610-265-3232
Fax: 610-265-2711

PETITION FOR RESIDENTIAL TRAFFIC CALMING

BEFORE SIGNING THIS PETITION, RESIDENTS SHOULD READ THE FOLLOWING INFORMATION IN ITS ENTIRETY TO ENSURE THEY UNDERSTAND HOW TRAFFIC CALMING DEVICES MAY IMPACT THEIR STREET.

DEFINITION:

The *Speed Hump* shall be synonymous with *Traffic Calming System or Traffic Calming Measure*. Speed Humps are designed to reduce the speed, but not necessarily the volume, of vehicular traffic.

A *Speed Hump* is a raised hump in the pavement extending across the width of the roadway at a right angle to the direction of the flow of traffic. The humps shall be signed and the road painted in accordance with accepted engineering practices.

ADVANTAGES:

1. Reduces the speed of vehicles.
2. Compatible with bicycles, motorcycles and pedestrian traffic.

DISADVANTAGES:

1. Increased noise as vehicles cross the humps.
2. Increased maintenance costs.
3. Placement of four (4) large caution signs (per hump) on properties near the humps.
4. Reduced response times of emergency vehicles.
5. Increased difficulty in snow removal and plowing.
6. Affect on drainage of roadways.

**Upper Merion Township
Police Department**

175 West Valley Forge Road
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PETITION FOR RESIDENTIAL TRAFFIC CALMING

We, the undersigned, are residents of the residential area described in this petition. We understand that, if this area meets the criteria, a traffic calming measure, either temporarily or permanent, may be placed in our area to address our concerns.

Procedures:

- All households on the affected streets must be contacted by the applicant and advised that a traffic-calming device, such as a speed hump, is being considered for their street.
- A signed petition must be submitted reflecting the support of 80% of the households on the affected street.
- Support is also required from 60% of the households located on streets or cul-de-sacs whose only access is via the affected street.
- Only one adult signature per household, apartment or business will be considered on the petition.
- Petitions will be considered by the Upper Merion Township Traffic Regulation Committee using the following criteria.
 - A. Traffic Calming Devices will not be installed on **State** roads
 - B. The legal posted speed limit on the street shall not exceed **25 MPH**.
 - C. For the installation of speed humps, the minimum length of the street, or portion thereof, measured from the nearest intersecting street, shall be at least **1,000 feet**.
 - D. The average daily traffic (ADT) shall not be less than **1000 vehicles** per Day, which shall be determined by an automated traffic count, for not less than four (4) weekdays, conducted by the police department's Traffic Safety Unit.

- E. The average vehicle speed (based upon the 85th percentile of the speeds recorded during the traffic count) shall not be less than **10 MPH (as required under PA Title 75, Sec. 3368 A (4))** over the legally posted speed limit. This will be determined by a traffic count for a period of not less than four (4) days.
- F. The department will analyze the number of crashes on the affected roadway, over the most recent three (3) year period, to ascertain the extent to which excessive or unsafe speeds were a major contributing factor.
- G. The distance between the humps shall not be less than **300 feet** or greater than **600 feet** apart.
- H. Speed humps shall not be less than **150 feet** from an intersecting roadway.
- I. Speed humps will not be installed on a hill or curve that will affect the safe operation of a vehicle.
- J. Speed humps shall traverse the entire roadway, allowing one (1) foot on each side for the flow of storm water.
- K. Speed humps shall not be less than 12 feet in width.
- L. Signs indicating BUMP shall be erected in each direction at a location of the hump and a sufficient distance before the hump to warn approaching motorists. For increased visibility, reflective stripes may be painted on the hump.

We, the undersigned, hereby request that the Upper Merion Township Traffic Regulation Commission consider this petition for a Traffic Calming Measure in the area designated below.

(Please attach some type of drawing/map to show area to be designated)

Name of Roadway Where Measure Requested	Between Which Intersections
Name of Applicant	Address of Applicant
<u>Applicant is the resident circulating the petition</u>	
Date	Home Phone Number

Upper Merion Township Police Department

175 West Valley Forge Road
King of Prussia, PA 19406

Petition For A Traffic Calming Device

Number Of Homes In Designated Area _____ .

ONE (1) RESIDENT (HEAD OF HOUSEHOLD) SIGNATURE PER ADDRESS

Name	Address	Phone Number
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Upper Merion Township Police Department

175 West Valley Forge Road

King of Prussia, PA 19406

Petition For Traffic Calming Device

ONE (1) RESIDENT (HEAD OF HOUSEHOLD) SIGNATURE PER ADDRESS

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