Under Section 3368 of the PA Motor Vehicle Code, police officers using speed timing devices or Vascar units to enforce speed limits may not stop a vehicle until it has been clocked at over 10 miles per hour above the posted speed limit.

- This means that a vehicle clocked in a 25 mile per hour zone cannot be stopped until the officer has clocked the car at 36 miles per hour or above.
- Some police departments and/or individual officers provide an even larger margin before they stop a vehicle.
  - For example, many officers won’t stop speeders in a 25 mile per hour zone until a driver is clocked doing 40 miles per hour or faster...
THESE TRAFFIC STUDIES...

- Were conducted using a JAMAR Trax-Pro device like the one pictured above
- Were conducted 24 hours per day, 7 days per week
- Are data-driven
- Are able to provide speed, traffic volume, and peak times
- Remove the possibility of human error and/or misinterpretation, as they are technology-based
THESE STUDIES WERE CONDUCTED:

- Between APRIL and SEPTEMBER 2017
- Using a highly sensitive, radar-based traffic recording device, computer, and software
- On 4 separate roadways in our community, which included:
  1. Village Drive (2 separate studies)
  2. Spring Mount Road
  3. Zieglerville Road
  4. Main Street

The above-noted roadways that are the subject of this study are all posted with 25 MPH speed limits.
SPEED SEVERITY PERCENTAGES

- 0 to 9% = LOW
- 10% to 24% = MODERATE
- 25% and above = HIGH

Example: A roadway where 23% of the vehicles recorded were speeding over 10 miles per hour above the posted speed limit would be considered to have a moderate speeding problem.
1. VILLAGE DRIVE STUDIES

- 2 separate studies were conducted along Village Drive, one on each end to get a better measure of accuracy for the entire length of roadway.
- The first study was conducted near Aspen Way.
- The second study was conducted on the opposite side, closer to the 200/300 block of Village Drive.
1. VILLAGE DRIVE
(1st study near Aspen Way)

- Over a 5 day period, 5,011 vehicles were counted
- 85th Percentile = 31 miles per hour
- 140 of those vehicles, or 2.8%, were over 36 miles per hour (Legally enforceable minimum speed)
- 11 vehicles, or 0.22% of those 5,011 vehicles were travelling at 41 miles per hour or faster
- Peak times where there was a high volume of traffic were during the morning and late afternoon/evening rush (approximately 6 a.m. to 9 a.m. and 3 p.m. and 6 p.m., respectively)
1. VILLAGE DRIVE
(2nd Study near the 200/300 Block)

- Over a 5 day period, **2,403** vehicles were counted
- **85th Percentile** = 26 miles per hour
- **2** of those vehicles, or **0.08%**, were over **36** miles per hour (Legally enforceable minimum speed)
- **0** vehicles were travelling at 41 miles per hour or faster
- Peak times where there was a high volume of traffic were during the morning and late afternoon/evening rush (approximately 6 a.m. to 9 a.m. and 3 p.m. and 6 p.m., respectively)
SUMMARY FOR VILLAGE DRIVE (Both studies combined)

- The fairly high volume of traffic on Village Drive would be due to the large number of residents in this area.
- Based on the data shown during this study, of the combined 7,414 vehicles, only 1.9% were speeding over 36 miles per hour.
2. SPRING MOUNT ROAD

- Over a 5 day period, 16,338 vehicles were counted
- 85th Percentile = 38 miles per hour
- 5,410 vehicles were recorded as speeding at 36 miles per hour or faster
- Top speeds recorded were double the speed limit in the 51 to 55 mile per hour range
- Data shows that Spring Mount Road is busy throughout the day
Spring Mount Road is well known as a “short cut” or “cut through” for those travelling between the Gilbertsville area and the Lansdale/Harleysville area and the Lansdale exit of the Northeast Extension of the PA Turnpike.

33% of the vehicles using this road during the study period were in excess of 36 miles per hour and could have been legally stopped for speeding violations.

The data shows that there is a significant speeding problem on this roadway. The congestion of the area adds to this issue.
3. ZIEGLERVILLE ROAD

- Over a 5 day period, 3,989 vehicles were counted.
- 85th Percentile = 34 miles per hour.
- 414 vehicles, or 10.3%, were travelling 36 miles per hour or above.
  - The majority of those 414, or 378 vehicles, were in the 36 to 40 miles per hour range.
- 36 vehicles, or 0.9%, were travelling at 41 miles per hour or above.
- Peak times where there was a high volume of traffic were during the morning and late afternoon/evening rush (approximately 6 a.m. to 9 a.m. and 3 p.m. and 6 p.m., respectively).
According to Section 3368 of the PA Motor Vehicle Code, only these speeds can be enforced in a 25 MPH zone.
SUMMARY FOR ZIEGLERVILLE ROAD

- **10.3%** of vehicles travelling on Zieglerville Road are speeding at 36 miles per hour or more, compared to **33%** (High) on Spring Mount Road, and **1.9%** (Low) on Village Drive. This would put the speeding issue on Zieglerville Road in the moderate range.

- Zieglerville Road, like Spring Mount Road, is often used as a shortcut from Route 73 to the Harleysville and Lansdale areas.
4. MAIN STREET

- Over a 5 day period, 6,584 vehicles were counted.
- 85th Percentile = 35 miles per hour.
- 1,123 vehicles, or 17%, were travelling 36 miles per hour or above.
  - The majority of those 1,123, or 957 vehicles, were in the 36 to 40 miles per hour range.
- 5 vehicles, were doubling the speed limit at 51 miles per hour or above.
- Data shows that traffic on Main Street is fairly busy throughout the day.
Main Street, as it is attached to Zieglerville Road, is also a popular shortcut.

With 17% of traffic speeding at enforceable limits through this area, a moderate speeding problem persists.

The congestion and close proximity of homes to the roadway also presents safety issues related to traffic and speeding.
## CONCLUSION

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>STUDY PERIOD (Days)</th>
<th>NUMBER OF VEHICLES</th>
<th>% of VEHICLES SPEEDING AT ENFORCEABLE LIMITS</th>
<th>Speeding Problem Severity</th>
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<tbody>
<tr>
<td>Spring Mount Road</td>
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<td>16338</td>
<td>33</td>
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<td>MOD</td>
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<td>10.3</td>
<td>MOD</td>
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<td>Village Drive</td>
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<td>7417</td>
<td>1.9</td>
<td>LOW</td>
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