

# CUMBERLAND TRAFFIC MANAGEMENT GROUP

## May-August Traffic Calming Updates

Officer Bannister  
Cumberland Traffic Officer

Sarah King  
Community Outreach Coordinator

Frank Stowik  
Highway Superintendent

# Completed Traffic Studies

## Street Name:

- Sonny Drive
- Hines Road
- Waumsett Avenue
- N Attleboro Road
- Cargill Road
- Hilltop Road
- W. Wrentham Road

## Data Collection Period:

- 09/11/2019 - 9/24/2019
- 6/5/2020 - 6/15/2020
- 6/19/2020 - 6/29/2020
- 6/29/2020 - 7/8/2020
- 7/15/2020 - 7/27/2020
- 8/3/2020 - 8/13/2020
- 8/20/2020 - 8/24/2020

# Sonny Drive Data Collection:

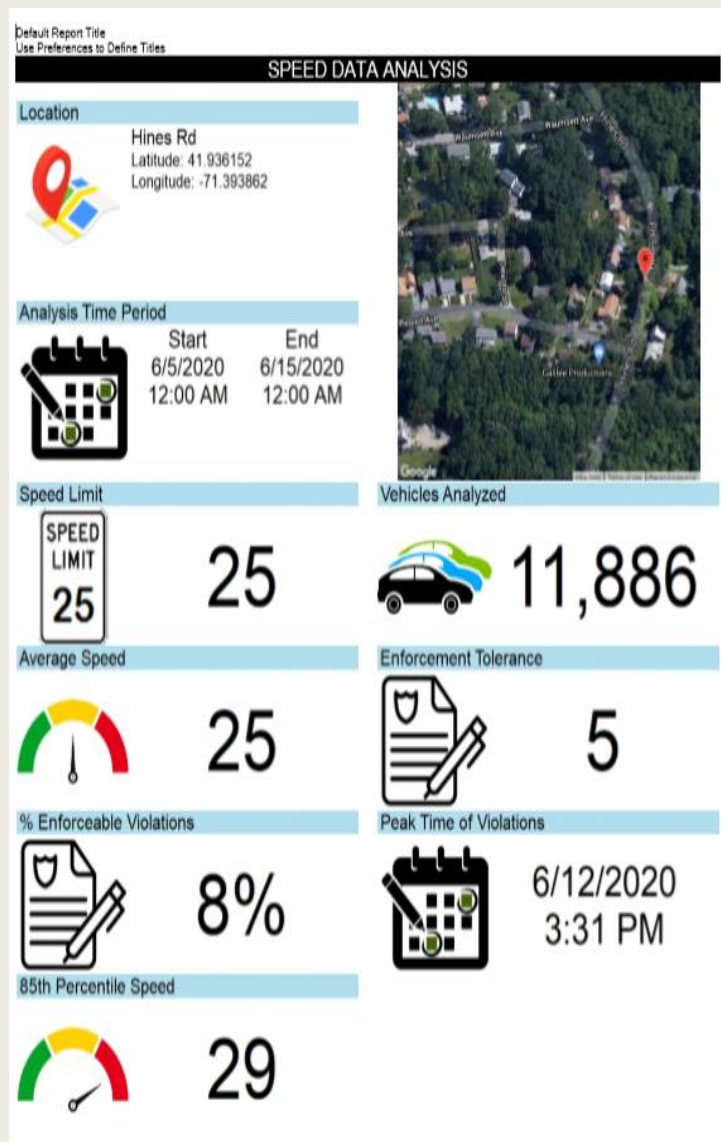
- **Background:** Data was collected earlier in the instance of Sonny Drive as it was part of pilot where temporary speed cushions were placed on the road. The Traffic Management Group evaluated whether or not to install permanent bumps.
  - **Recommendation:** Based on the data collection that was conducted on Sonny Drive, it would not be the recommendation of the group to install permanent speed bumps on the street. This recommendation is based on a combination of traffic volume and speed
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Prior to the installation of the temporary speed bumps, the traffic recorder was placed on a utility pole in front of 16 Sonny Drive and remained there for thirteen days. The average speed for vehicles traveling southbound was 19 MPH and the 85% was 26 MPH.

Average speed for vehicles traveling northbound during this period was 18 MPH and the 85% was 25 MPH.

The average number of vehicles traveling through the area during this period is approximately 294.

# Hines Road Data Collection:

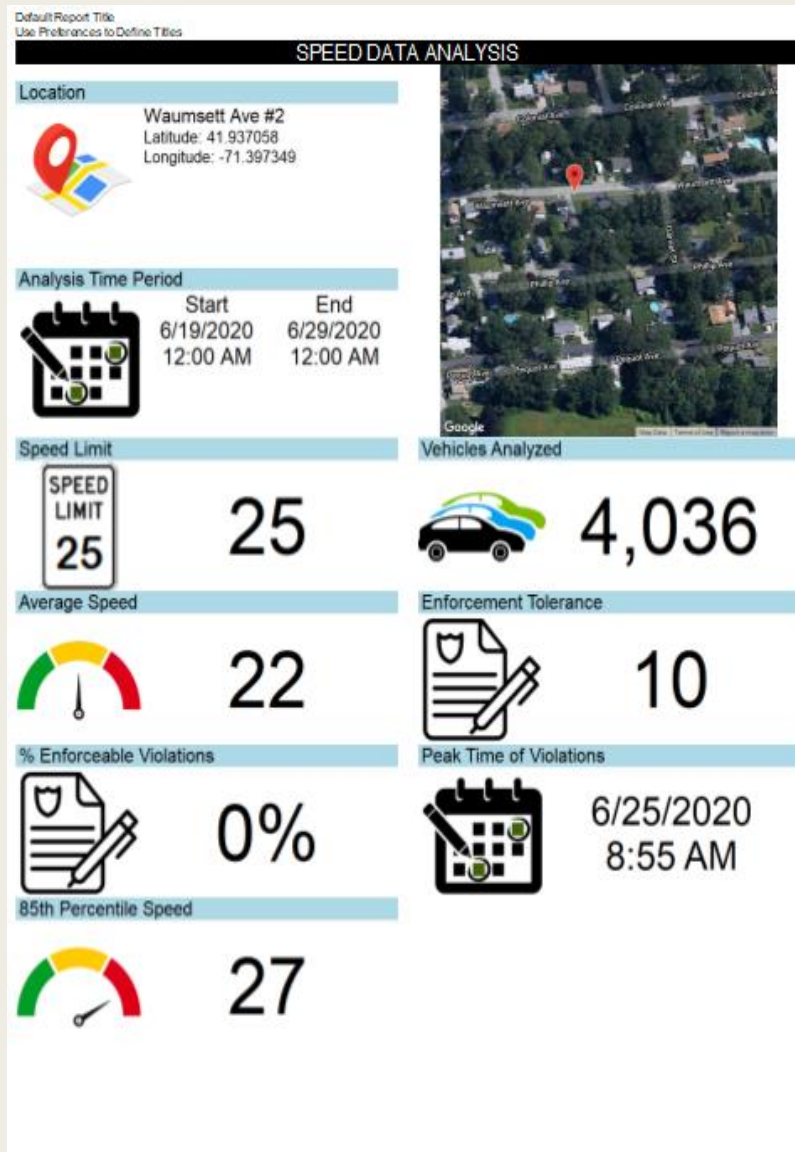


**Overall Findings:** There is a speeding issue that is exacerbated by a difficult curve in the area of 90-138 Hines Road.

**Recommendation:** Temporary stop signs at Hines/Waumsett and Hines/Pequot.

**Outstanding Information:** November 5<sup>th</sup> is the end of the “temporary” stop sign period. Officer Bannister will be putting up the traffic box to collect “after” data to measure effectiveness. We will have a recommendation for the Council by November 5<sup>th</sup>.

# Waumsett Avenue Data Collection:

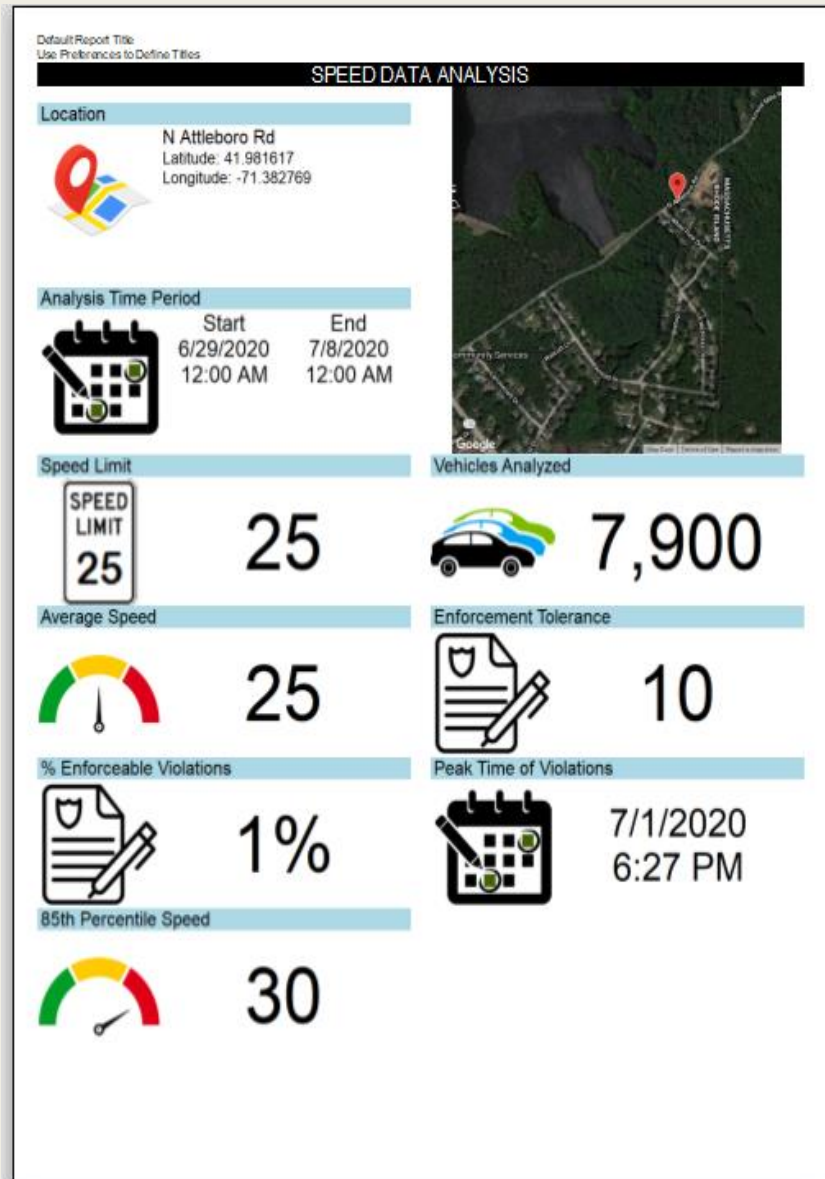


**Overall Findings:** There was some speeding occurring when looking at the 85<sup>th</sup> percentile speed.

**Recommendation:** It is recommended to move into the enforcement/STRESS portion of the policy. The speed trailer was also deployed out to the area.

**Outstanding Information:** The Traffic Management Group informed residents that their street would be revisited in a few months after looking at the enforcement data.

# N Attleboro Road Initial Data Collection:



**Overall Findings:** When looking at the 85<sup>th</sup> percentile speed, there was speeding occurring on N. Attleboro Road. Perhaps, the higher speed limit in MA contributing.

**Recommendation:** It is recommended that we move into the targeted enforcement/STRESS period.

**Other Information:** Residents of the street requested an additional weekend study, which was conducted.



# N Attleboro Road Follow-up Collection:

## N Attleboro Rd Weekend Follow Up



Traffic Speed 85% - 5 over

0 Points

Traffic Volume Vehicles Per Day - 455~

2 Points

Total 2 Points

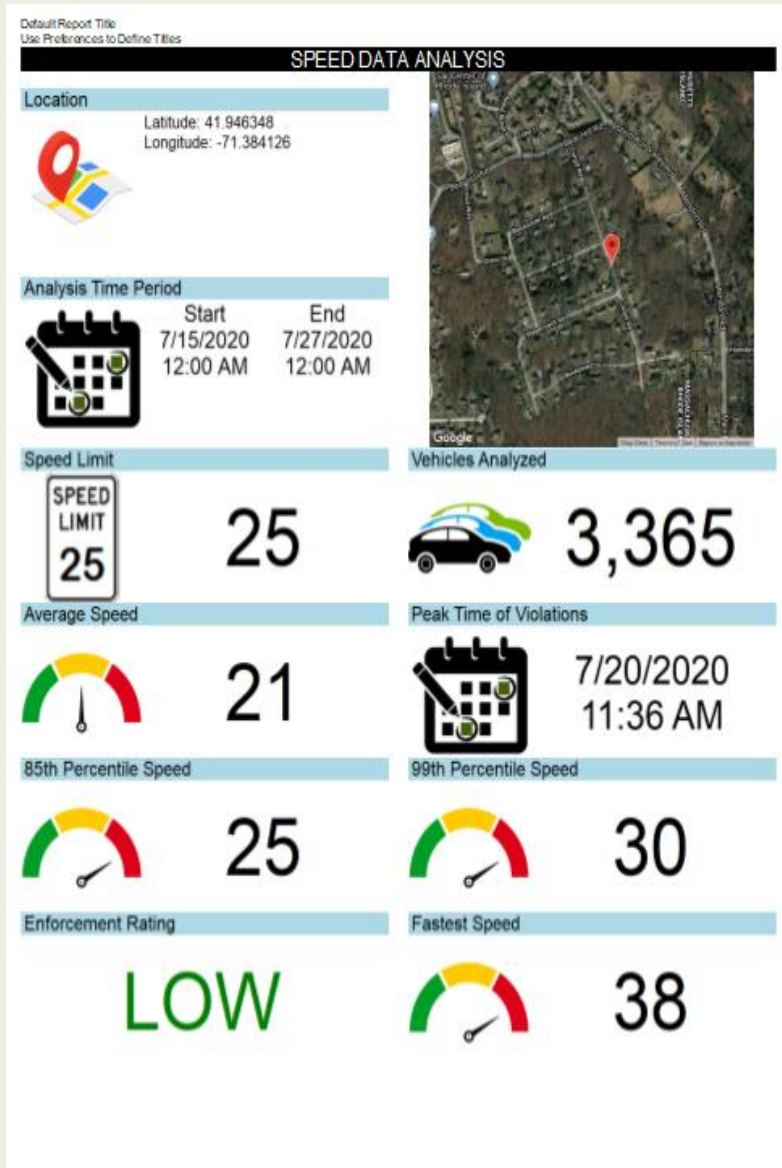
**Overall Findings:** We conducted a weekend follow-up and saw similar results. There were low enforceable violations, but there is still an issue.

**Recommendation:** Strategic striping on N. Attleboro Road.

**Outstanding Information:** Officer Bannister and Frank Stowik will be going out to the area to measure and discuss how the striping could be completed in the most effective manner.

**Enforcement:** July 8th - September 1<sup>st</sup> the Police Department deployed for 20 hours and five minutes over the course of 38 posts. In that time, they conducted 40 motor vehicle stops.

# Cargill Road Data Collection:



**Overall Findings:** There was not an identifiable speeding issue on this street.

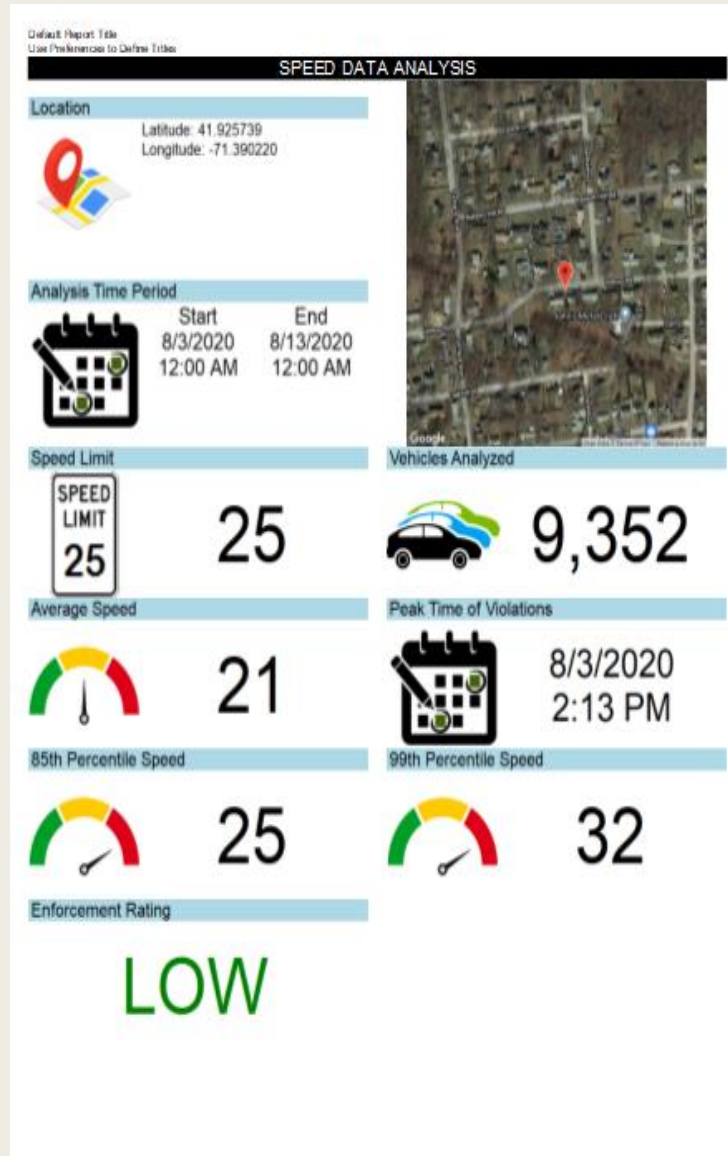
**Recommendation:** Based on the results of the traffic data collection, the Traffic Management Group does not recommend moving forward with the traffic calming policy.

**Other Information:** There was a stop sign study conducted where minimal violations were noted.

We noticed the signs were faded, the highway department was able to replace the signs and paint stop bars to increase visibility.



# Hilltop Road Data Collection:



**Overall Findings:** There was not an identifiable speeding issue on this street.

**Recommendation:** At this time, the Traffic Management Group does not have further recommendations for Hilltop Road

**Other Information:** From the data collected, we were able to identify a couple of anomaly vehicles that were consistently speeding at particular times of day. Officer Bannister spoke to the day shift supervisor about seeing if they could get a patrol officer out there at those particular times to do enforcement.

# W. Wrentham Data Collection:

## W Wrentham Rd



Traffic Speed 85% - 14 over 5 Points  
Traffic Volume Vehicles Per Day - 3,257~ 6 Points  
Significant Ped Traffic Year Round 3 Points  
No Sidewalk 1 Point  
Total 15 Points

**Overall Findings:** There is a prominent speeding issue on the road and enforcement has yielded notable numbers of violations.

**Recommendation:** The Traffic Management Group will be reaching out to RIDOT to discuss what options are available for traffic calming as it is a state road.

**Enforcement:** July 8th - September there were 48 posts conducted over 40 hours and four minutes. During that time Cumberland Police completed 111 motor vehicle stops.

# Successes

- Engagement – we're seeing lots of neighbors engaging in the process, the petition creates a sense of ownership.
- Response Time – we're seeing we're able to move the process along faster than anticipated, may amend some of the timelines in the policy.
- Data Driven – we're able to drive all decisions based on collected data.
- Collaboration – we're seeing good collaboration between various town departments to get work completed.
- Creativity – the Traffic Management group is working on creative solutions like striping and the temporary stop sign ordinance.

# Challenges

- *Prima Facie vs Posted Speed Limit:* this is a conversation that we're preparing to have a broader level.
- *Unenforceable Stop Signs:* the Traffic Management Group is working on an ordinance to rectify this issue.
- *Timing for Council Agendas:* we're working on timing our meetings and the Town Council meetings to make sure we can get ordinances moving in a timely fashion.



QUESTIONS?