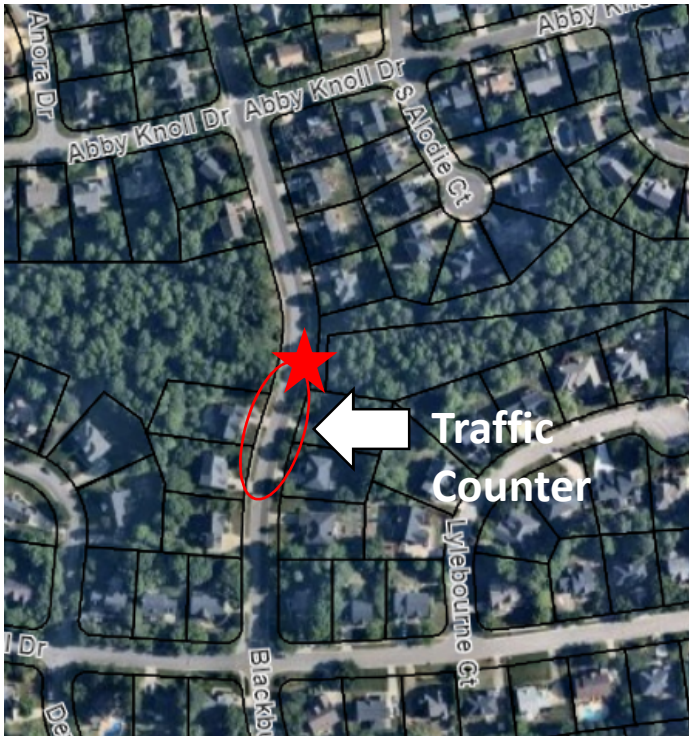




Traffic Calming Study Date: 9/22/21-9/29/21

Study by: Serge Grebenshikov

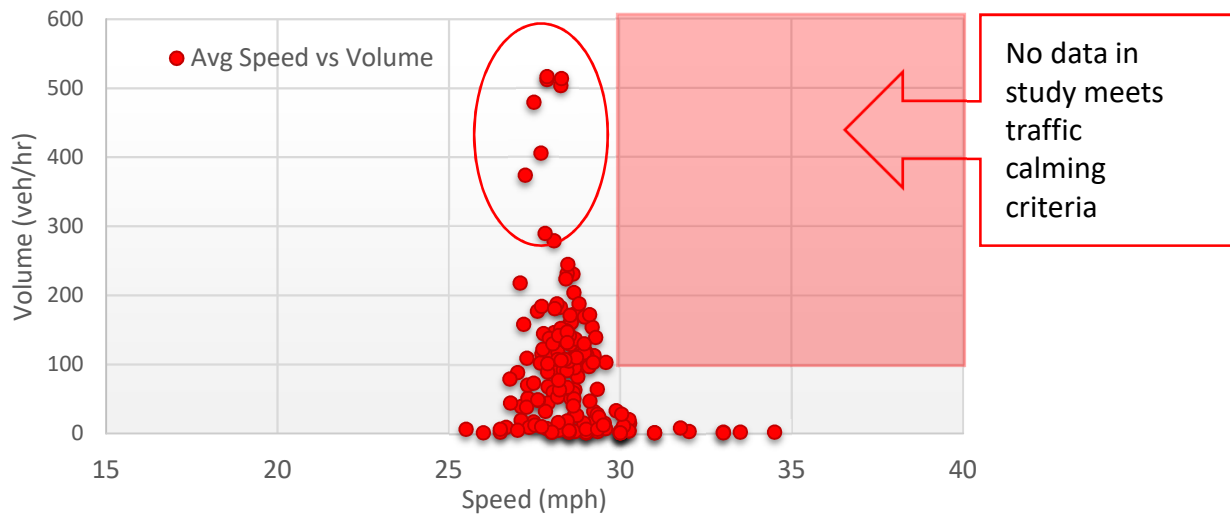
Location: Blackburn Rd– between Abby Knoll Dr and Haddon Hall Dr



STATISTICS

- Average Daily Traffic = 2,800 veh/day
- Posted Speed Limit = 25 mph
- Average Speeds = 28.2 mph
- 85th % Speed = 32 mph
- % Vehicles speeding = 26% (over 30 mph)
- % Truck Traffic Speeding = 1.3%

Avg Speed vs Volume



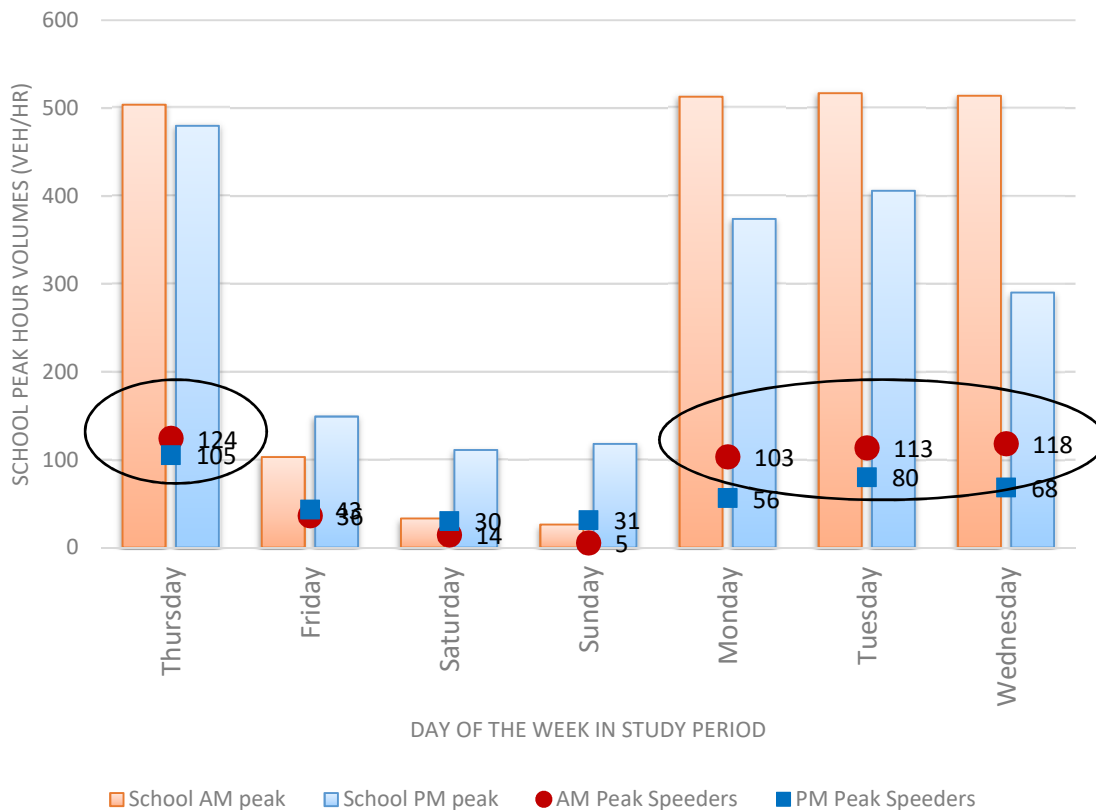


Traffic Calming Study Date: 9/22/21-9/29/21

Study by: Serge Grebenshikov

Location: Blackburn Rd– between Abby Knoll Dr and Haddon Hall Dr

SCHOOL TIME TRAFFIC VOLUMES



COMMENTS

- Speeds greater than 30 mph were observed during school AM and PM drop off times.
 - School AM Peak – over 100 vehicles observed to drive over 30 mph on Monday – Thursday
 - School PM Peak – over 100 vehicles observed to drive over 30 mph on Thursday.
- There's an observed speeding issue associated with school peak times.



Traffic Calming Study

Date: 9/22/21-9/29/21

Study by: Serge Grebenschikov

Location: Blackburn Rd– between Abby Knoll Dr and Haddon Hall Dr

TRAFFIC CALMING CRITERIA

- Posted speed is 25 miles per hour - **MET**
- Roadway is not a Collector Street or Thoroughfare - **MET**
- The average speed exceeds 30 miles per hour during any one-hour period in which the number of vehicles meets or exceeds 100. – **NOT MET**
- The data collected to determine average speed may be based on an average of 100 vehicles per hour or more over multiple days.- **MET**
- Installation of traffic calming devices along the street is not anticipated to create unacceptable delays in emergency response times for residences served by the street in the judgment of the Town’s Police Chief and Fire Chief.- **TO BE DETERMINED**

RESULTS AND RECOMMENDATIONS

- **SPEED HUMPS ARE RECOMMENDED BASED ON NUMBER OF SPEEDERS DURING SCHOOL BELL TIMES**
 - Per the UDO, traffic calming devices (speed humps) are not warranted based on traffic volume and speed data gathered from the traffic study. However, due to large traffic volumes on Blackburn Rd, the speeding issue is not evident without closer investigation of the number of violators.
 - Violators (or speeders over 30 mph) exceeded 100 vehicles per hour on 4 of the 5 school days.
 - Traffic staff recommends speed humps based on the number of violators.
 - Traffic staff does not think that enforcement will permanently solve the speeding issue that was observed.

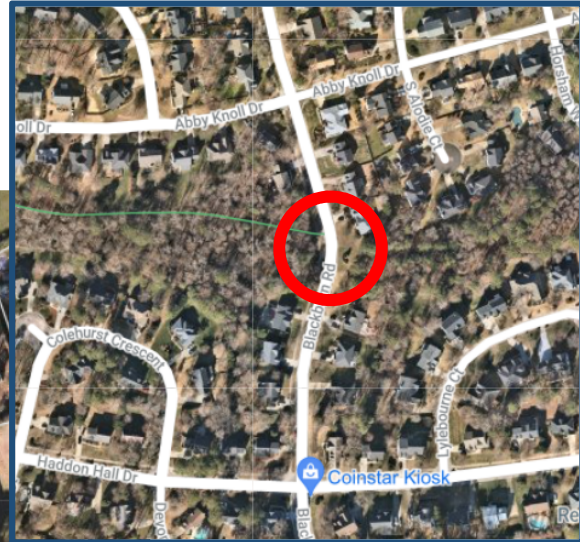
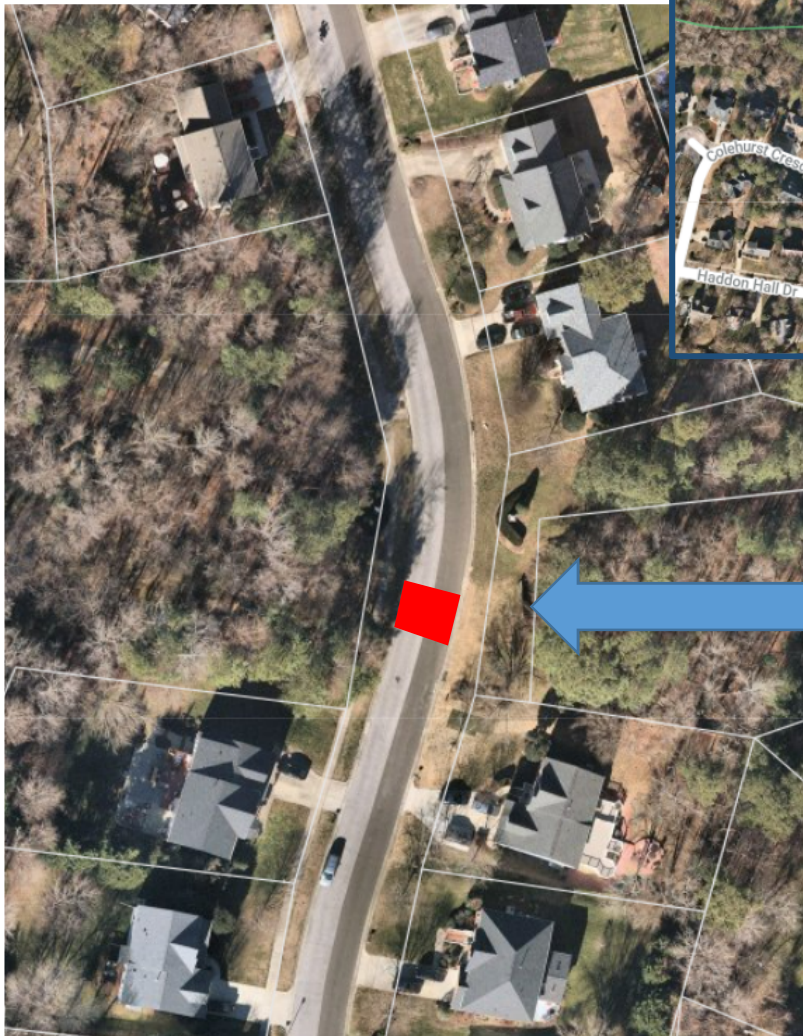


Traffic Calming Study
Date: 9/22/21-9/29/21

Study by: Serge Grebenschikov

Location: Blackburn Rd– between Abby Knoll Dr and Haddon Hall Dr

Proposed Location of Speed Humps



**MOST PROBABLE
LOCATION FOR
ONE (1) SPEED
HUMP ON
BLACKBURN RD**