



Traffic Calming Study Date: 5/22/2023 – 5/26/2023

Study by: Sajid Hassan

Location: Olive Chapel Rd (SR 1160) – East of Apex Peakway



STATISTICS

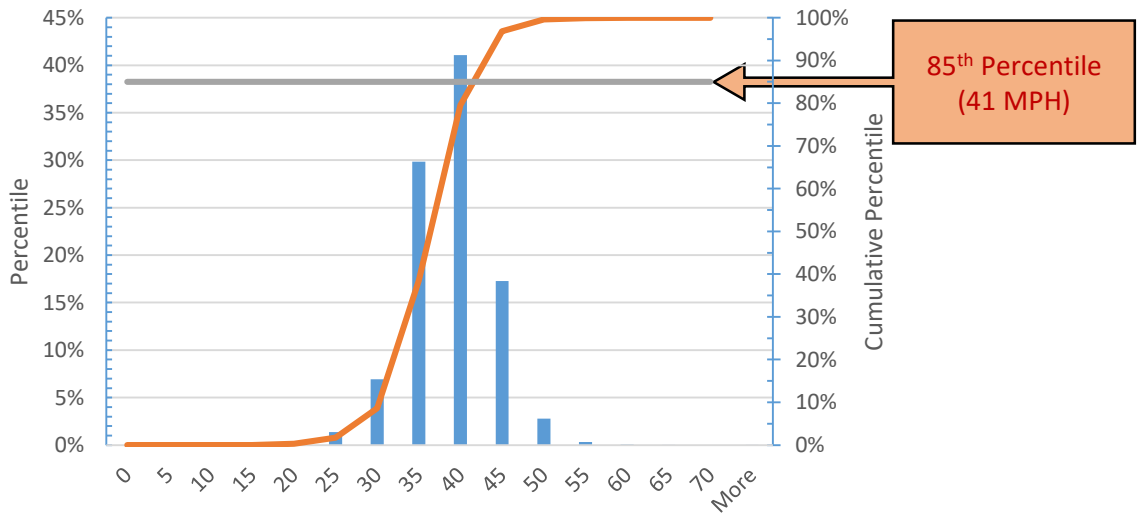
Total Vehicle Count = 37,016 vpd
 Average Daily Traffic = 8,897 vpd
 Posted Speed limit = 45 mph
 Average Speeds = 36.7 mph
 85th %tile Speed = 41 mph
 % Speeders (>50mph) = 0.4%
 % Heavy vehicle speeders = 0.01%

Traffic counter location

Zone of detection

RESULTS OF STUDY

Speed Distribution



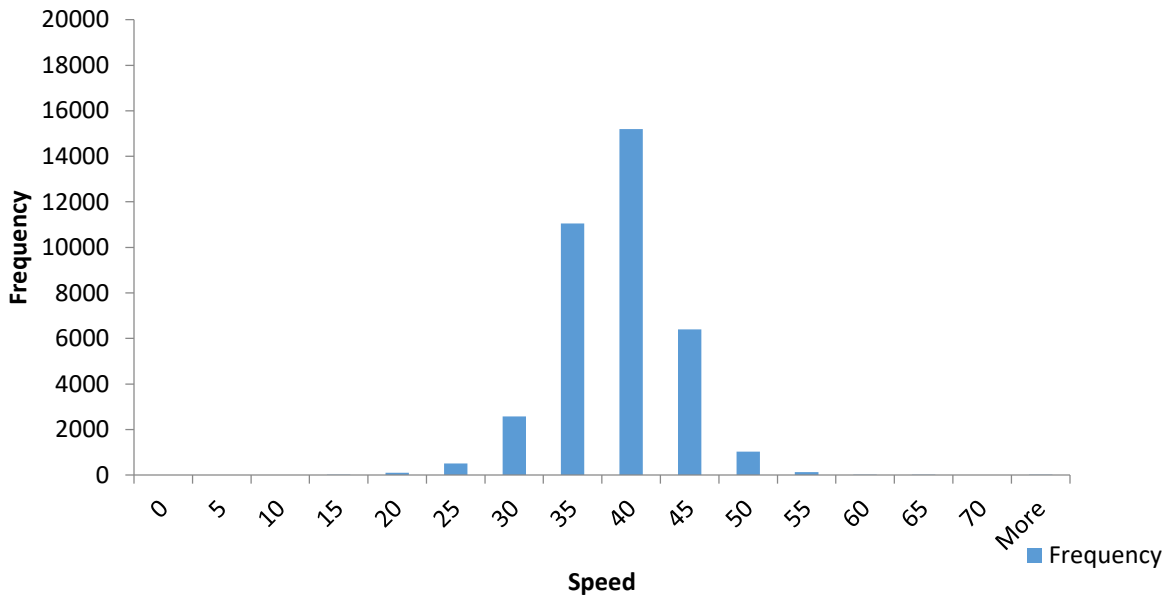


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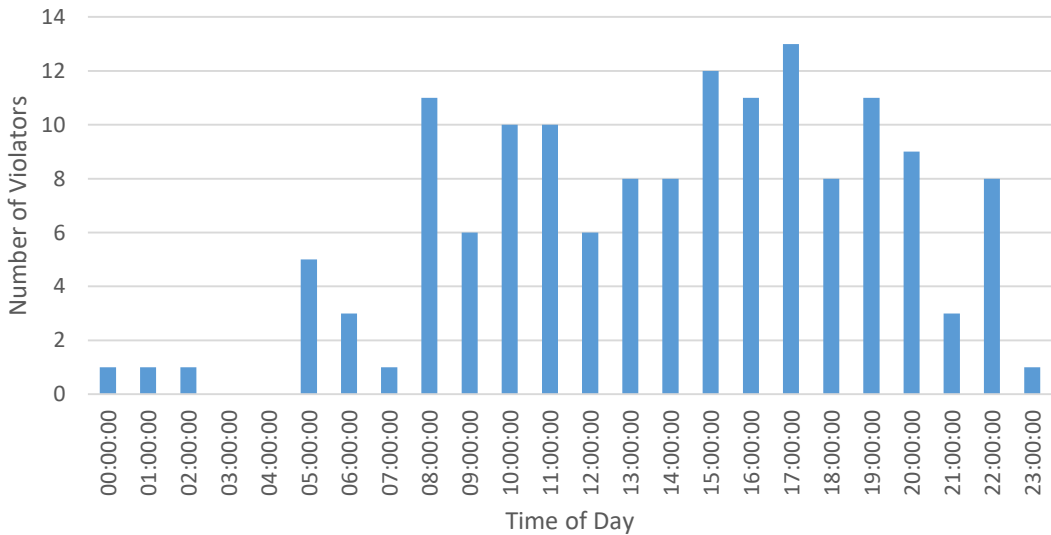
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Speed Data



Time of Day Violations (>50 mph)



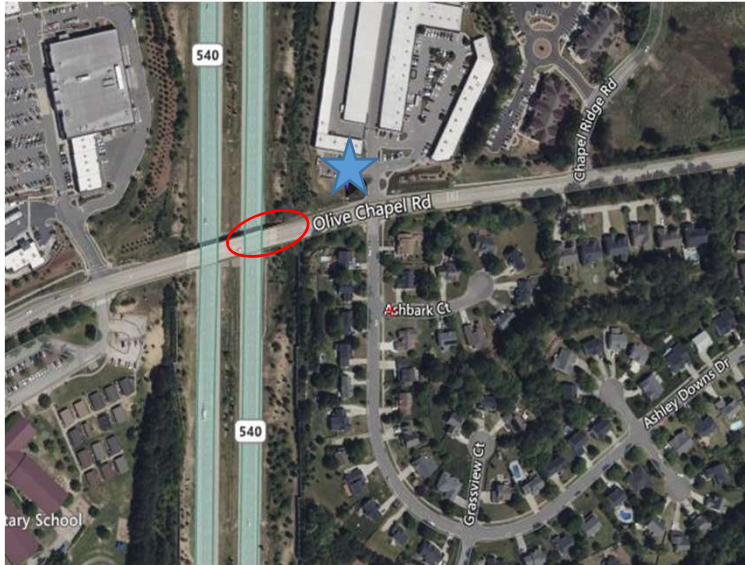


Transportation and Infrastructure Development

Traffic Calming Study
Date: 4/26/2023 – 5/3/2023

Study by: Sajid Hassan

Location: Olive Chapel Rd (SR 1160) – At NC 540 Bridge (west of Ashley Downs Dr)



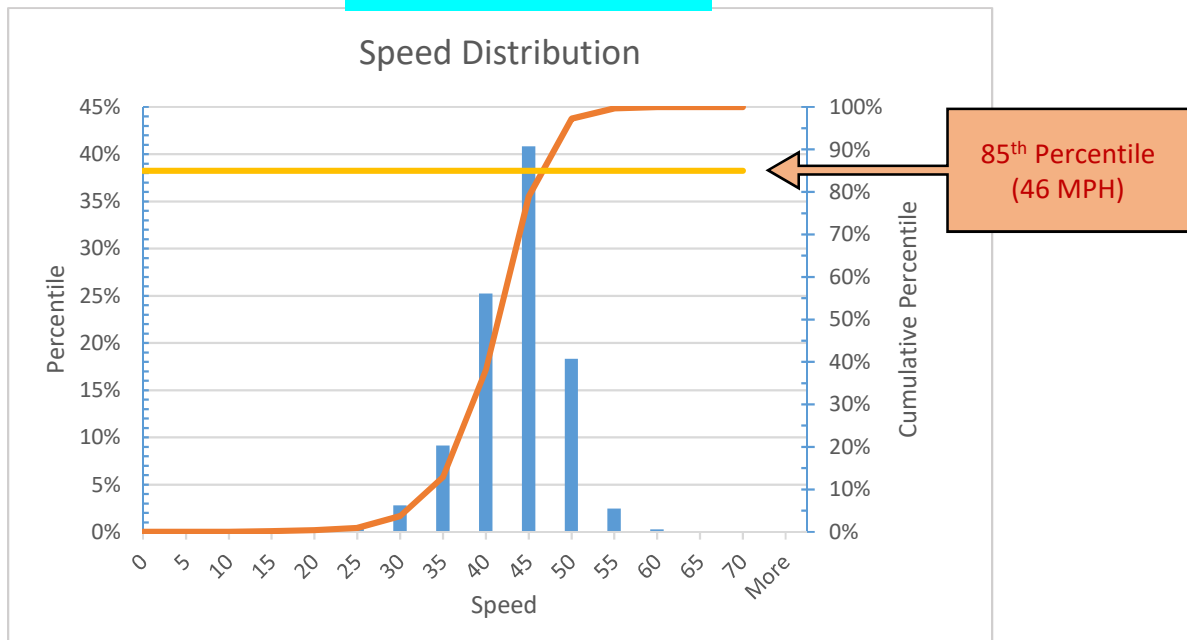
STATISTICS

Total Vehicle Count = 70,053 vpd
Average Daily Traffic = 10,854 vpd
Posted Speed limit = 45 mph
Average Speeds = 41.4 mph
85th %tile Speed = 46 mph
% Speeders (>50mph) = 3%
% Heavy vehicle speeders = 1.1%

★ Traffic counter location

○ Zone of detection

RESULTS OF STUDY



85th Percentile
(46 MPH)

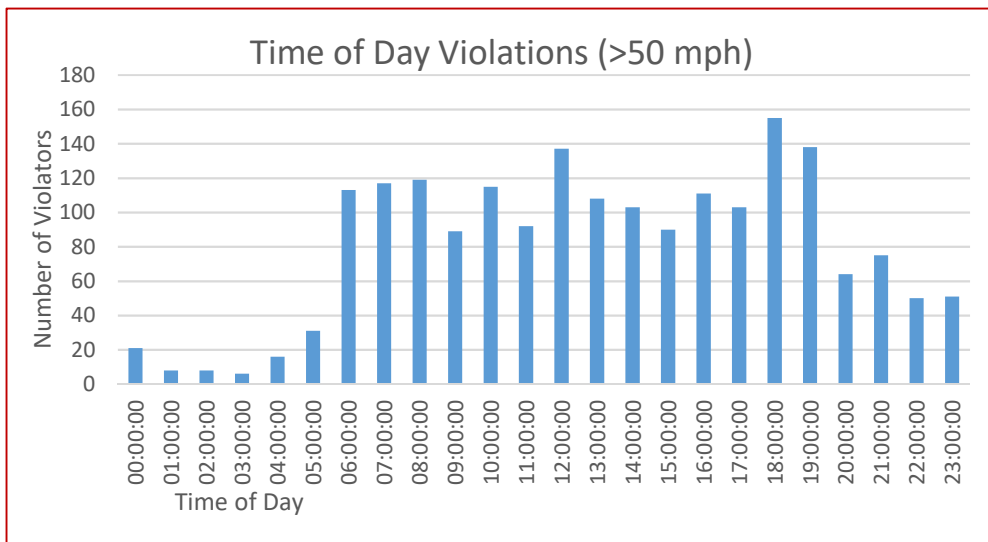
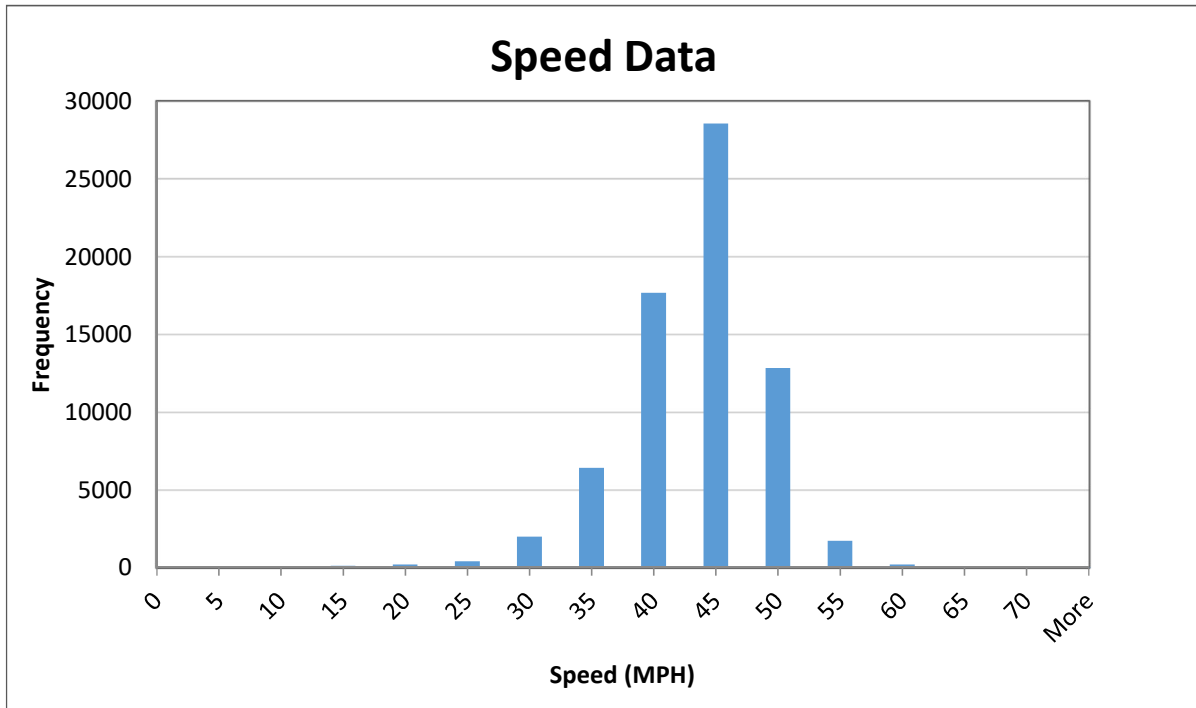


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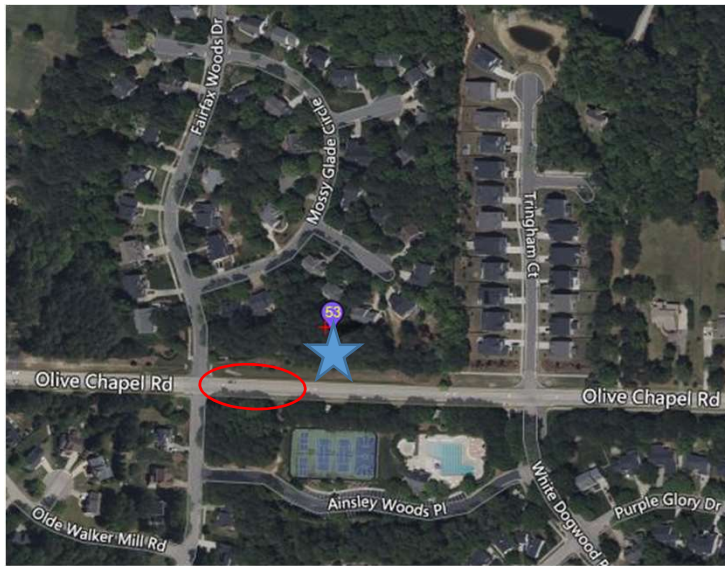


Transportation and Infrastructure Development

Traffic Calming Study
Date: 4/26/2023 – 5/3/2023

Study by: Sajid Hassan

Location: Olive Chapel Rd (SR 1160) – Between White Dogwood and Fairfax Woods



STATISTICS

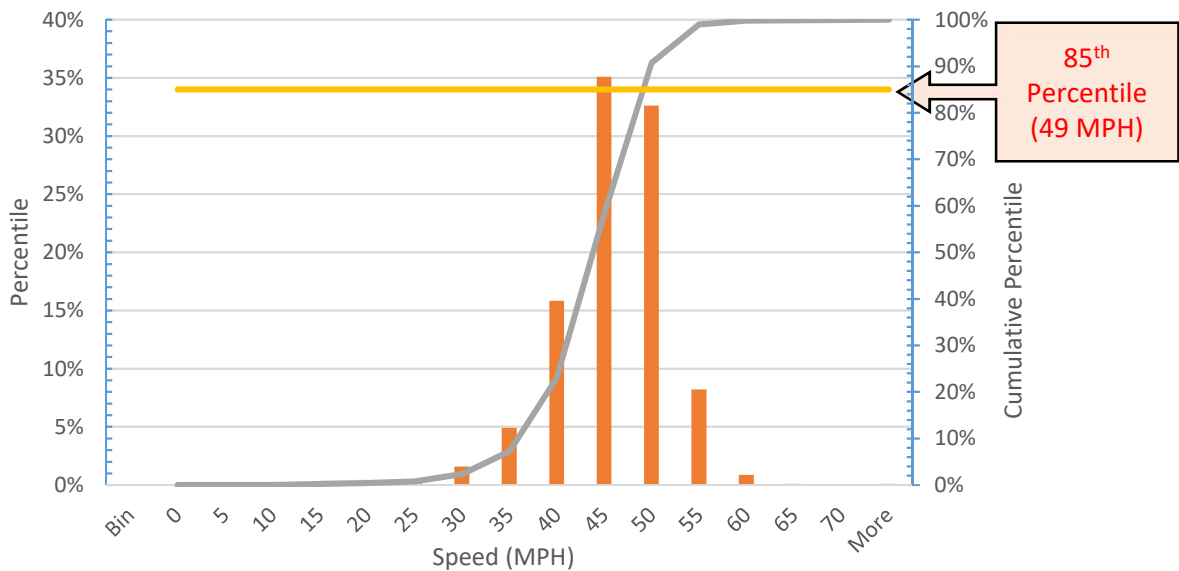
Total Vehicle Count = 70,468 vpd
Average Daily Traffic = 10,849 vpd
Posted Speed limit = 45 mph
Average Speeds = 43.9 mph
85th %tile Speed = 49 mph
% Speeders (>50mph) = 9%
% Heavy vehicle speeders = 1.8%

★ Traffic counter location

○ Zone of detection

RESULTS OF STUDY

Speed Distribution





Transportation and Infrastructure Development

Traffic Calming Study Date: 4/26/2023 – 5/3/2023

Study by: Sajid Hassan

Location: Olive Chapel Rd (SR 1160) – Between White Dogwood and Fairfax Woods

