



ACCREDITED LAW ENFORCEMENT AGENCY



## COUNTY OF ALBEMARLE POLICE DEPARTMENT

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### MEMORANDUM

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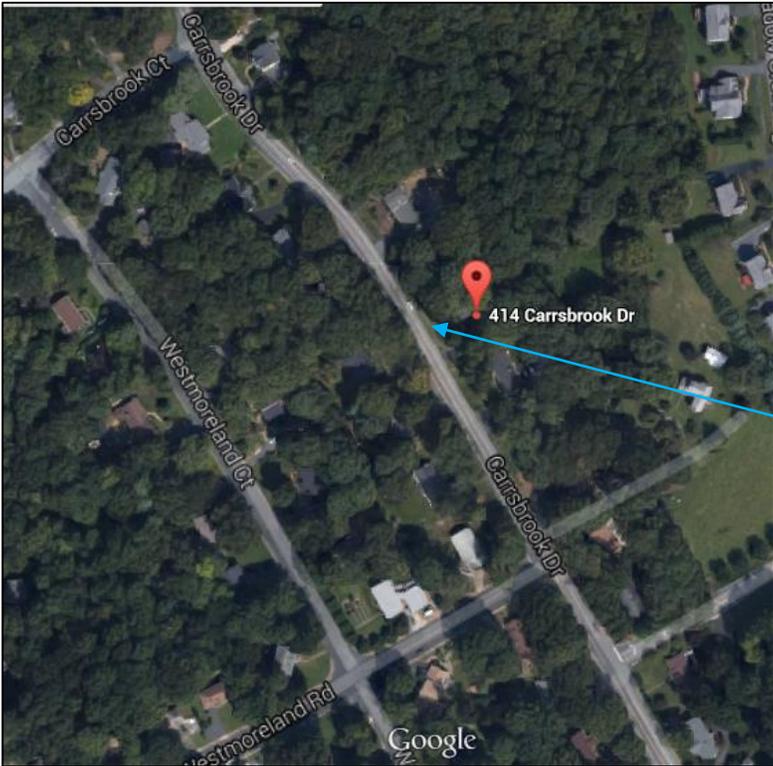
**To:** Sergeant C. Miller Stoddard  
**From:** Senior Police Officer Jonathan E. Hickory  
**Date:** June 2<sup>nd</sup>, 2015  
**Subject:** Speed / Traffic Survey: 400 Block of Carrsbrook Drive

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*The following information is provided as a result of a speed / traffic study.*

- Device used: **Jamar Technologies RADAR Recorder**
- Date and Time survey began: **Tuesday, 05/26/2015 1500 hours**
- Date and Time survey ended: **Monday, 06/01/2015 1250 hours**
- Total hours survey conducted: **141.83 hours**
- Total vehicles counted: **11555**
- Average number of vehicles per hour: **81.47**
- Posted speed limit for area surveyed: **25 MPH**
- Average speed of all vehicles: **32 MPH**
- Maximum speed recorded: **61 MPH**
- 50<sup>th</sup> Percentile speed: **32 MPH**
- 85<sup>th</sup> Percentile speed: **36 MPH**
- Total number of vehicles that exceeded posted speed limit: **10,512**
- Percentage of total vehicles that exceeded posted speed limit: **90.97%**
- Total number of vehicles that exceeded speed limit by 10 MPH or more: **3053**
- Percentage of vehicles that exceeded the posted speed limit by 10 or miles per hour or more: **26.42%**
- If vehicles are exceeding the posted speed limit by 10 or more miles per hour, can the vehicles be broken down into time groupings? **Yes, please see attached graphs showing best enforcement times.**

**Additional Comments:** This study was conducted in 400 block of Carrsbrook Drive, monitoring traffic in the area of 414 Carrsbrook Drive, approximately 435 feet north of Westmoreland Road. Carrsbrook Drive is a paved 2 lane residential roadway. In the area of this study, the travel lanes are divided by a double yellow no passing line. The roadway has a wide paved shoulder. Multiple driveways and cross streets line the roadway. Carrsbrook Drive is often used by vehicles as a shortcut to Seminole Trail from Rio Road East and vice versa. The RADAR Recorder was positioned on a telephone pole facing southeast. Traffic was monitored going both directions. In the area of the survey, both approaching (southbound) and receding (northbound) vehicles were navigating a straightaway. According to this survey, there is evidence of a speed problem at this particular location, and enforcement is recommended.



*The 400 block of Carrsbrook Drive, where the RADAR Recorder was positioned. The arrow indicates the location of the recording device.*

