Incident Report

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On July 31, 2017 I deployed the covert Jamar Radar Recorder in the area of Tatum St. and Chestnut St. The Jamar Radar Recorder was affixed to a nearby telephone pole and recorded both North and Southbound Traffic on Tatum St. The Radar Recorder was deployed for a period of seven (7) days and recorded 5326 vehicles.

I then downloaded the data from the recorder and produced a Speed Enforcement Evaluator Sheet, along with a Data Summary. The Speed Enforcement Evaluator was calibrated for an Enforcement Tolerance of 6 MPH, a vehicle speed of 32 MPH and above for demonstrational purposes. Woodbury City Police Department SOP #10 states that in a 25 MPH Zone summonses may be issued at 36 MPH and above. I also produced a Speed Enforcement Evaluator with an Enforcement Tolerance set at 10 MPH or a vehicle speed of 36 MPH and above. The following are the results of the data:

Speed Enforcement Evaluator (32 MPH and above)

The total percentage of Enforceable Violations (Vehicles traveling over 32 MPH) was found to be LOW with 16.4% of vehicles above the limit. That being said, only vehicles traveling over 36 MPH could be ticketed as per Departmental SOP #10.

Speed Enforcement Evaluator (36 MPH and above)

The total percentage of Enforceable Violations (Vehicles traveling over 36 MPH) was found to be LOW with 4.3% of vehicles above the limit.

I have attached both Speed Enforcement Evaluator Sheets to this report for reference.

I then produced the Data Summary for the Traffic Study. The combined speed statistics (for North and Southbound traffic) revealed that the Average Mean Speed of vehicles was 26MPH. Eastbound was found to be an Average Mean Speed of 26 MPH. Westbound was found to be an Average Mean Speed of 26 MPH. It was found that there were thirty-nine (39) vehicles traveling over 40

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MPH and five (5) vehicles traveling over 45 MPH, out of a total of 5326 vehicles.

It was found that there is not a drastic speeding issue at the target location. The results reveal that the complaining resident might be observing a volume issue for the size of the residential street, with the occasional vehicle traveling above 40 MPH. I have also attached the Data Summary Sheets to this report for reference.

I then ran an Enforcement Calculator to obtain the best times for traffic enforcement from the data collected. This revealed the hours of 7am-9am and 3pm-5pm were the best two (2) consecutive hours for enforcement on Tatum St. This information will be disseminated to Patrol who will conduct Radar enforcement on Tatum St.

Det. A. Phillips

#3025

Woodbury City Police Department Traffic Unit

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