

Incident:		Between: Date - Time	And/At: Date-Time
Case Number:	Incident Location:		
Reported: Date - Time			

OFFENSE

39:4-98

NA-Speeding

NARRATIVE**Speeding Complaint - Cooper Street*****Resident Complaints***

A resident reported vehicles speeding on Cooper Street. The complainant requested a speed study be conducted in the area.

On Thursday, August 7, 2025, I deployed the covert Jamar Radar Recorder in the area of Cooper Street and Rugby Place. The Jamar Radar Recorder was affixed to a nearby telephone pole and recorded both eastbound and westbound traffic on Cooper Street. In the documents, Lane 1 is the eastbound direction and lane 2 is the westbound direction. The accuracy of the radar recorder was verified by comparing live speeds with readings from a certified radar unit in vehicle #305 which matched the data collected by the JAMAR recorder. The Radar Recorder was deployed for a period of ten (8) days and recorded 106,582 vehicles.

I 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, or a vehicle speed of 32 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 **MEDIUM** with 65.2% of vehicles above the limit (32MPH).

Reporting Officer(s):		Report Date:
Time Received:	Time Cleared:	Unit(s) Assigned: Pages: 1 of 12
Reviewed by:		Copy To:

Incident Report Number	Incident Location:	Incident Date:
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Speed Enforcement Evaluator (36 MPH and above) :

The total percentage of Enforceable Violations (Vehicles traveling over 36 MPH) was found to be **LOW** with 32% of vehicles above the limit (36MPH) .

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 eastbound and westbound traffic) revealed that the Average Mean Speed of vehicles was 33 MPH. Of the 106,582 vehicles, 7,355 were traveling in excess of 40 MPH, which equates to 6.9% of traffic. The 85th percentile speed is 37 MPH, meaning that 85% of traffic is traveling at or below 37 MPH.

It was found that there is a **moderate** speeding issue on Delaware Street, with 32% of traffic above 36 MPH on the 25 MPH roadway, and the occasional vehicle traveling above 40 MPH.

The Best Times for Enforcement was found to be between 8:00 A.M.-10:00 A.M. during the morning hours and between 4:00 P.M.-6:00 P.M. in the afternoon hours. This information was disseminated to patrol for added visibility and enforcement in the area.

Detective J. Duffy #3100

Woodbury City Police Department

Traffic Unit

Reporting Officer(s):		Pages: 2 of 12
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Woodbury City Police Department
Traffic Unit
220 South Broad Street
Woodbury, NJ 08096

Page 1

Lane1

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	11	26	447	1051	6709	21205	15374	3561	477	72	13	5	3

85 percentile = 38

Lane2

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	22	381	1095	3398	15944	21410	11028	2670	445	81	16	2	10

85 percentile = 37

Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	33	407	1542	4449	22653	42615	26402	6231	922	153	29	7	13

85 percentile = 37



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Page 1

Cooper Street
Rugby Place

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Lane1 Total
8/7/2025	0	0	4	51	118	758	2231	1435	308	24	5	0	1	0	4935
8/8/2025	0	2	6	75	183	1138	3246	2335	507	79	8	2	0	0	7581
8/9/2025	0	0	3	49	94	823	3024	2203	487	73	11	1	1	1	6770
8/10/2025	0	0	0	47	127	749	2472	1876	498	57	16	4	2	0	5848
8/11/2025	0	3	3	47	157	872	2918	2229	554	78	12	0	1	1	6875
8/12/2025	0	1	4	75	164	1020	3044	2096	489	77	9	4	0	0	6983
8/13/2025	0	3	2	81	159	956	3021	2185	495	56	11	2	0	1	6972
8/14/2025	0	2	5	34	65	469	1456	1202	248	36	1	0	0	0	3518
Lane1 Total	0	11	27	459	1067	6785	21412	15561	3586	480	73	13	5	3	49482

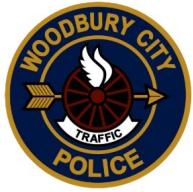
85 percentile = 38

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Lane2 Total
8/7/2025	0	4	79	185	496	1696	1900	829	187	31	6	2	0	0	5415
8/8/2025	0	3	119	275	615	2444	3108	1512	344	49	9	4	0	1	8483
8/9/2025	0	2	36	82	390	2064	2932	1649	407	58	12	1	0	1	7634
8/10/2025	0	3	18	105	311	1660	2695	1559	405	68	15	2	1	6	6848
8/11/2025	0	2	23	81	463	2259	3096	1674	435	73	12	3	0	1	8122
8/12/2025	0	4	53	167	508	2524	3136	1493	366	59	7	0	0	1	8318
8/13/2025	0	3	31	147	482	2411	3149	1572	336	60	13	2	1	0	8207
8/14/2025	0	1	33	76	199	1117	1589	797	204	48	7	2	0	0	4073
Lane2 Total	0	22	392	1118	3464	16175	21605	11085	2684	446	81	16	2	10	57100

85 percentile = 37

Date\Speed (MPH)	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65	Combined Total
8/7/2025	0	4	83	236	614	2454	4131	2264	495	55	11	2	1	0	10350
8/8/2025	0	5	125	350	798	3582	6354	3847	851	128	17	6	0	1	16064
8/9/2025	0	2	39	131	484	2887	5956	3852	894	131	23	2	1	2	14404
8/10/2025	0	3	18	152	438	2409	5167	3435	903	125	31	6	3	6	12696
8/11/2025	0	5	26	128	620	3131	6014	3903	989	151	24	3	1	2	14997
8/12/2025	0	5	57	242	672	3544	6180	3589	855	136	16	4	0	1	15301
8/13/2025	0	6	33	228	641	3367	6170	3757	831	116	24	4	1	1	15179
8/14/2025	0	3	38	110	264	1586	3045	1999	452	84	8	2	0	0	7591
Combined Total	0	33	419	1577	4531	22960	43017	26646	6270	926	154	29	7	13	10658

85 percentile = 37



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Cooper Street

Closest Cross Street:
Rugby Place

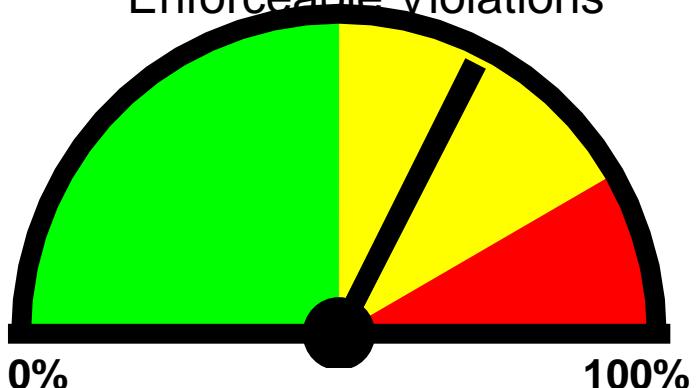
Analysis Dates:
Thursday, August 7, 2025
Thursday, August 14, 2025

Equipment Used:
JAMAR Covert Radar

Installed By:
Detective J. Duffy #3100

Requested By:
Citizen Complaints

Total Percentage of Enforceable Violations



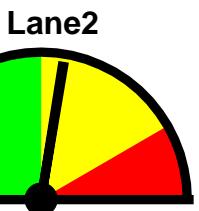
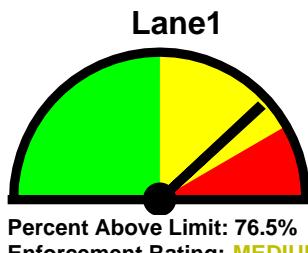
Posted Speed Limit: 25 MPH
Enforcement Tolerance: 6 MPH
Enforcement Limit: 32 MPH & Up
Percentage Above Limit: 65.2%
Enforcement Rating: **MEDIUM**

Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	33	407	1542	4449	22653	42615	26402	6231	922	153	29	7	13

85 percentile = 37

Lane1



85 percentile = 38

Lane2

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	11	26	447	1051	6709	21205	15374	3561	477	72	13	5	3

85 percentile = 37



Woodbury City Police Department

Traffic Unit

220 South Broad Street

Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Cooper Street

Closest Cross Street:
Rugby Place

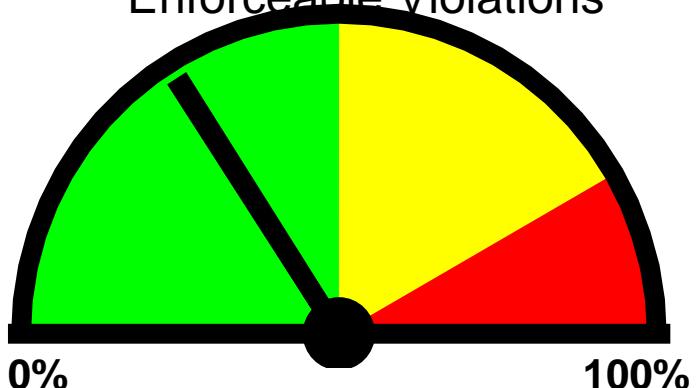
Analysis Dates:
Thursday, August 7, 2025
Thursday, August 14, 2025

Equipment Used:
JAMAR Covert Radar

Installed By:
Detective J. Duffy #3100

Requested By:
Citizen Complaints

Total Percentage of Enforceable Violations



Enforcement Tolerance: 10 MPH

Percentage Above Limit: 32.0%

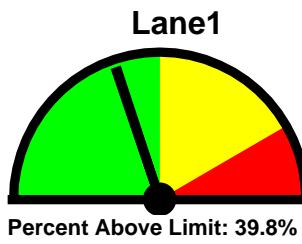
Enforcement Rating: LOW

Combined

1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	33	407	1542	4449	22653	42615	26402	6231	922	153	29	7	13

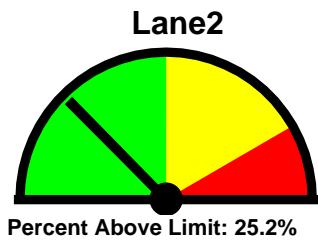
85 percentile = 37

Lane1



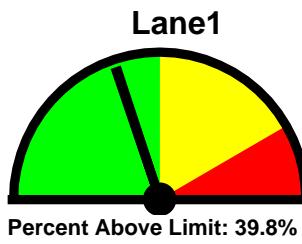
Enforcement Rating: LOW

Lane2



Enforcement Rating: LOW

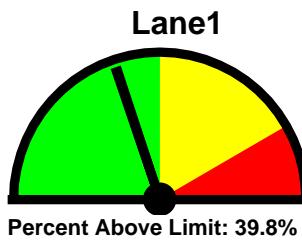
Lane1



Enforcement Rating: LOW

85 percentile = 38

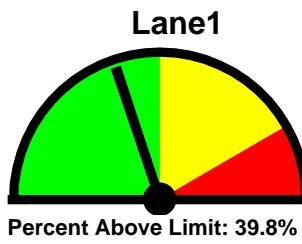
Lane2



Enforcement Rating: LOW

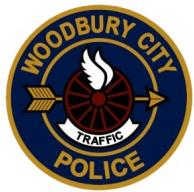
85 percentile = 37

Lane2



Enforcement Rating: LOW

85 percentile = 37



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

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Cooper Street
Rugby Place

Eastbound

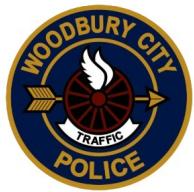
Report for 8/7/2025 1:00:00 PM to 8/14/2025 1:59:59 PM

SPEED STATISTICS - 35 to 95+ by 5 MPH

Speed in MPH	1 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 80	81 - 85	86 - 90	91 - 95	96 - 999
Count	29444	15372	3560	477	72	13	5	2	0	1	0	0	0	0
Percent	60.2	31.4	7.3	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	35	40	45	50	55	60	65	70	75	80	85	90	95	999
Count	19502	4130	570	93	21	8	3	1	1	0	0	0	0	0
Percent	39.8	8.4	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentile Speed	5%	10%	15%	45%	50%	55%	85%	90%	95%					
	27	29	30	34	34	35	39	40	42					

Average 34
(Mean)

Pace Speed 30-39
Number in 37171
Pace
Percent in 75.9
Pace



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

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Cooper Street
Rugby Place

Westbound

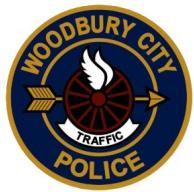
Report for 8/7/2025 1:00:00 PM to 8/14/2025 1:59:59 PM

SPEED STATISTICS - 35 to 95+ by 5 MPH

Speed in MPH	1 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 80	81 - 85	86 - 90	91 - 95	96 - 999
Count	42241	11027	2670	445	81	16	2	6	1	1	1	1	0	0
Percent	74.8	19.5	4.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	35	40	45	50	55	60	65	70	75	80	85	90	95	999
Count	14251	3224	554	109	28	12	10	4	3	2	1	0	0	0
Percent	25.2	5.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	23	26	27	32	32	33	37	39	41					

Average 32
(Mean)

Pace Speed 28-37
Number in 39118
Pace
Percent in 69.2
Pace



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Page 3

Cooper Street
Rugby Place

COMBINED - Eastbound, Westbound

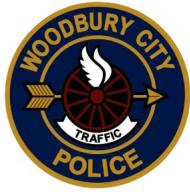
Report for 8/7/2025 1:00:00 PM to 8/14/2025 1:59:59 PM

SPEED STATISTICS - 35 to 95+ by 5 MPH

Speed in MPH	1 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 80	81 - 85	86 - 90	91 - 95	96 - 999
Count	71685	26399	6230	922	153	29	7	8	1	2	1	1	0	0
Percent	68.0	25.0	5.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Over Speed	35	40	45	50	55	60	65	70	75	80	85	90	95	999
Count	33753	7354	1124	202	49	20	13	5	4	2	1	0	0	0
Percent	32.0	7.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%					
Speed	25	27	28	33	33	34	38	39	41					

Average 33
(Mean)

Pace Speed 29-38
Number in 74472
Pace
Percent in 70.6
Pace



Woodbury City Police Department

Traffic Unit

220 South Broad Street
Woodbury, NJ 08096

Best Times for Enforcement

Location:

Cooper Street

GPS:

Not Available

Closest Cross Street:

Rugby Place

Analysis Dates:

Thursday, August 7, 2025

Thursday, August 14, 2025

Equipment Used:

JAMAR Covert Radar

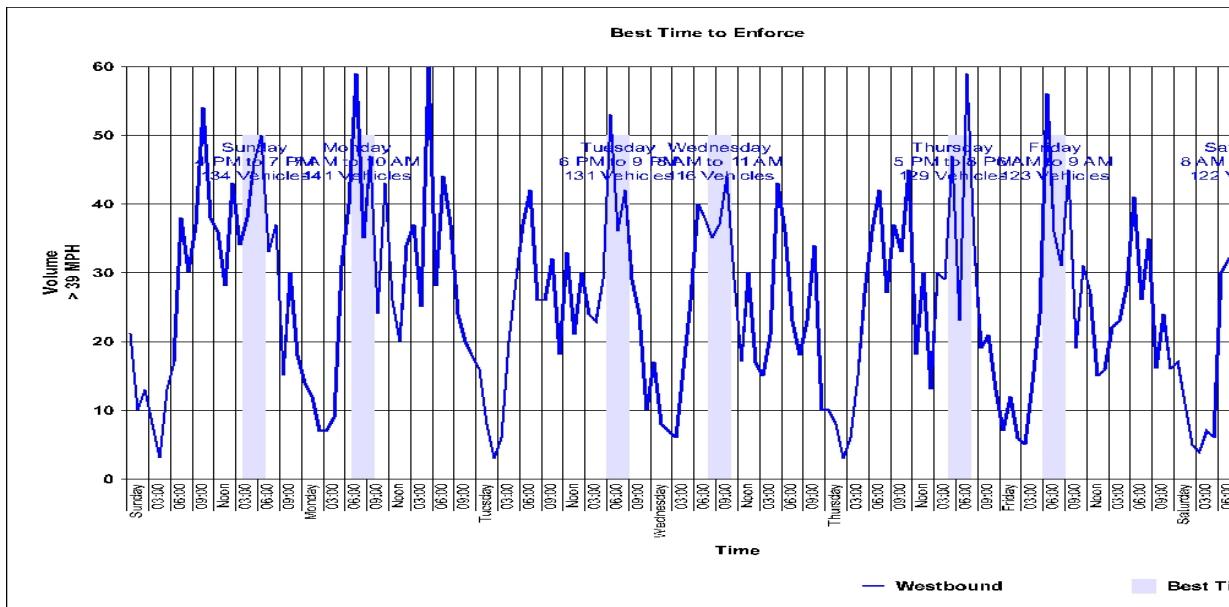
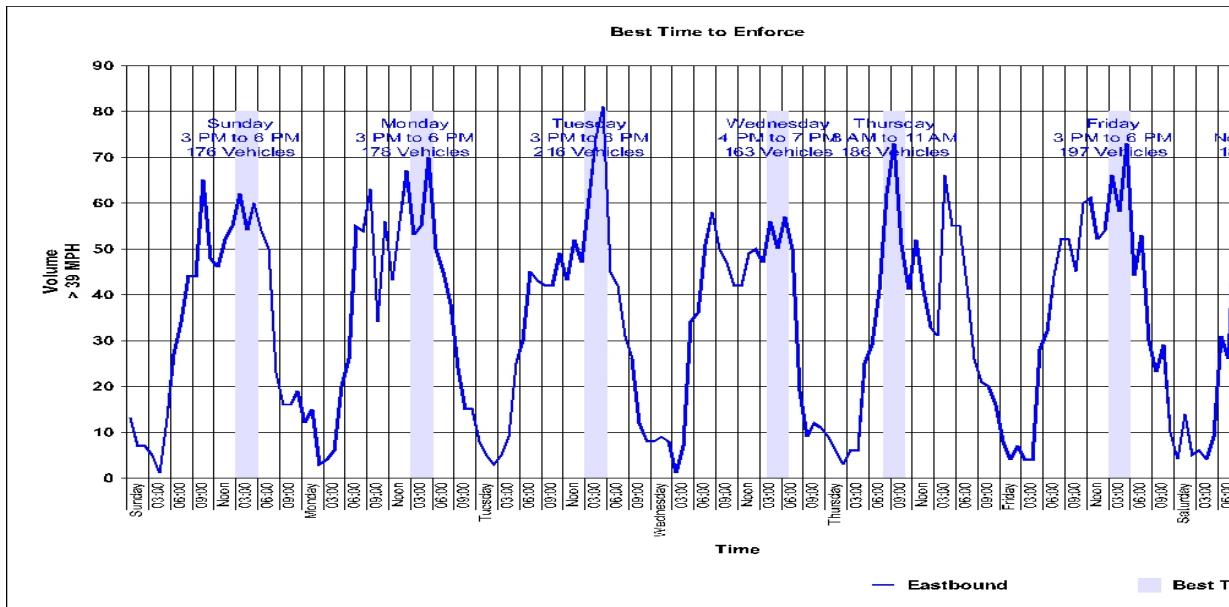
Installed By:

Detective J. Duffy #3100

Sun	Combined: 4 PM to 6 PM Eastbound: 3 PM to 5 PM Westbound: 4 PM to 6 PM
Mon	Combined: 7 AM to 9 AM Eastbound: 3 PM to 5 PM Westbound: 7 AM to 9 AM
Tue	Combined: 4 PM to 6 PM Eastbound: 3 PM to 5 PM Westbound: 6 PM to 8 PM
Wed	Combined: 8 AM to 10 AM Eastbound: 4 PM to 6 PM Westbound: 8 AM to 10 AM
Thu	Combined: 8 AM to 10 AM Eastbound: 8 AM to 10 AM Westbound: 5 PM to 7 PM
Fri	Combined: 3 PM to 5 PM Eastbound: 3 PM to 5 PM Westbound: 6 AM to 8 AM
Sat	Combined: 8 AM to 10 AM Eastbound: Noon to 2 PM Westbound: 8 AM to 10 AM



Woodbury City Police Department
Traffic Unit
220 South Broad Street
Woodbury, NJ 08096





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