

Incident:

Incident Report Number:

Between: Date - Time

And/At: Date-Time

Incident Location:

Name (Last, First, Middle)

DOB:

Race/Sex

Address: (Address, City, State, Zip)

Phone 1

Employer

Phone 2

Employer Address

Work Phone #

Name (Last, First, Middle)

DOB:

Race/Sex

Address: (Address, City, State, Zip)

Phone 1

Employer

Phone 2

Employer Address

Work Phone #

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

Due to recent speeding complaints on Cooper St, a Speed Study was conducted in the between Hunter St and Rugby Pl.

On March 5, 2023 I deployed the covert Jamar Radar Recorder in the area of 528 Cooper St, between Hunter St and Rugby Pl. The Jamar Radar Recorder was affixed to a nearby telephone pole and recorded both East and Westbound traffic. Lane1 is the westbound direction and Lane 2 is eastbound. The Radar Recorder was deployed for a period of nine (9) days (7 full days and 2 partial days) and recorded 116,449 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, or a vehicle speed of 32 MPH

Vehicle Information: (Year, Make, Model, Style, Color)

License Number:

State:

Expiration Year:

Vin:

Insurance Company:

Other Vehicle Information:

NCIC#

Reporting Officer(s):

Report Date:

Time Received:

Time Cleared:

Unit(s) Assigned:

Pages:

1 of 22

Reviewed by:

Copy To

Date:

Incident Report Number:

Continuation

Incident Report Number

Incident Location:

Incident Date:

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 81.3% of vehicles above the limit (32MPH).

Speed Enforcement Evaluator (36 MPH and above)

The total percentage of Enforceable Violations (Vehicles traveling over 36 MPH) was found to be MEDIUM with 51.0% 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 East and Westbound traffic) revealed that the Average Mean Speed of vehicles was 36 MPH. The 85th percentile speed is 40 MPH, meaning that 85% of vehicles are traveling at or below 40 MPH. There were 542 vehicles traveling in excess of 50 MPH, with the highest speed being 88 MPH in the 25 MPH residential zone.

It was found that there is a **MODERATE** speeding issue at this location. I will be placing the large sign board on Cooper St with the speed limit and a memo was sent out with best times for radar enforcement. All documents pertaining to this Speed Study are attached.

Pt1m. J. Duffy #3100

Woodbury City Police Department Traffic Unit

Reporting Officer(s):

Pages:

2 of 22



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Volume Sorted By Speed for 05-Mar-23 to 13-Mar-23

Direction: Combined

Speed	Volume
7	1
8	14
9	17
10	17
11	18
12	29
13	27
14	29
15	38
16	46
17	54
18	55
19	66
20	90
21	115
22	150
23	226
24	378
25	604
26	1061
27	1663
28	2600
29	3759
30	4640
31	6069
32	7308
33	8456
34	9428
35	9944
36	10046
37	9385
38	8504
39	7397
40	6030
41	4789
42	3701
43	2759
44	1955
45	1369
46	1020
47	716
48	523
49	336
50	249
51	162
52	116
53	84
54	49
55	36
56	31
57	15
58	9
59	11
60	3
61	6
62	9
63	1
64	2
65	2
66	0
67	0
68	4
69	0
70	1
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	1
79	0

Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

80	0
81	0
82	0
83	0
84	1
85	0
86	0
87	0
88	1



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Volume Sorted By Speed for 05-Mar-23 to 13-Mar-23

Direction: Lane1

Speed	Volume
7	1
8	13
9	17
10	12
11	16
12	26
13	22
14	18
15	26
16	29
17	28
18	32
19	44
20	52
21	68
22	81
23	128
24	230
25	360
26	657
27	952
28	1390
29	2106
30	2539
31	3328
32	3970
33	4372
34	4528
35	4559
36	4264
37	3751
38	3254
39	2860
40	2242
41	1728
42	1418
43	1068
44	739
45	559
46	406
47	308
48	226
49	158
50	102
51	71
52	62
53	40
54	26
55	19
56	16
57	11
58	3
59	9
60	2
61	4
62	4
63	1
64	1
65	1
66	0
67	0
68	4
69	0
70	1



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Volume Sorted By Speed for 05-Mar-23 to 13-Mar-23

Direction: Lane2

Speed	Volume
8	1
9	0
10	5
11	2
12	3
13	5
14	11
15	12
16	17
17	26
18	23
19	22
20	38
21	47
22	69
23	98
24	148
25	244
26	404
27	711
28	1210
29	1653
30	2101
31	2741
32	3338
33	4084
34	4900
35	5385
36	5782
37	5634
38	5250
39	4537
40	3788
41	3061
42	2283
43	1691
44	1216
45	810
46	614
47	408
48	297
49	178
50	147
51	91
52	54
53	44
54	23
55	17
56	15
57	4
58	6
59	2
60	1
61	2
62	5
63	0
64	1
65	1
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	1
79	0
80	0

Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

81	0
82	0
83	0
84	1
85	0
86	0
87	0
88	1



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Lane1

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
43	106	183	863	7617	20647	16285	5489	1197	216	41	11	5	0

85 percentile = 39

Lane2

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
6	33	126	604	6053	20353	24854	9016	1636	229	28	9	0	3

85 percentile = 40

Combined

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
49	139	309	1467	13670	41000	41139	14505	2833	445	69	20	5	3

85 percentile = 40



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Date\Speed (MPH)	1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	Lane1 Total
3/5/2023	8	1	0	35	207	404	319	132	31	6	1	0	0	0	1144
3/6/2023	4	2	13	149	1164	2821	2054	692	152	28	5	1	2	0	7087
3/7/2023	2	3	12	97	1041	2807	2161	673	135	30	5	1	0	0	6967
3/8/2023	10	17	24	107	994	2811	2319	744	166	25	2	2	1	0	7222
3/9/2023	6	27	33	129	1027	2818	2296	757	157	27	7	2	1	0	7287
3/10/2023	20	46	66	151	1291	3319	2130	680	141	22	3	1	0	0	7870
3/11/2023	0	5	17	95	971	2807	2285	758	159	32	7	3	1	0	7140
3/12/2023	1	4	8	73	656	2180	2154	803	198	28	9	1	0	0	6115
3/13/2023	0	4	12	45	329	821	658	274	61	20	2	0	0	0	2226
Lane1 Total	51	109	185	881	7680	20788	16376	5513	1200	218	41	11	5	0	53058

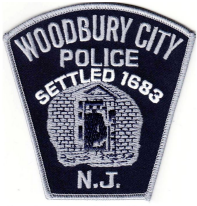
85 percentile = 39

Date\Speed (MPH)	1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	Lane2 Total
3/5/2023	5	5	3	15	137	316	406	156	28	9	2	0	0	0	1082
3/6/2023	0	7	27	101	845	2802	3258	1249	227	34	3	1	0	1	8555
3/7/2023	0	10	23	65	870	2767	3327	1227	230	24	1	1	0	0	8545
3/8/2023	1	2	7	68	825	2794	3534	1261	242	16	5	2	0	1	8758
3/9/2023	2	6	16	83	822	2867	3585	1207	245	37	5	2	0	0	8877
3/10/2023	0	1	31	110	1102	3504	3430	1119	180	30	2	2	0	0	9511
3/11/2023	2	4	10	102	764	2772	3605	1292	215	36	4	0	0	0	8806
3/12/2023	1	2	6	50	568	2036	2990	1218	213	35	4	1	0	1	7125
3/13/2023	0	1	3	19	181	628	886	338	66	8	2	0	0	0	2132
Lane2 Total	11	38	126	613	6114	20486	25021	9067	1646	229	28	9	0	3	63391

85 percentile = 40

Date\Speed (MPH)	1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70	Combined Total
3/5/2023	13	6	3	50	344	720	725	288	59	15	3	0	0	0	2226
3/6/2023	4	9	40	250	2009	5623	5312	1941	379	62	8	2	2	1	15642
3/7/2023	2	13	35	162	1911	5574	5488	1900	365	54	6	2	0	0	15512
3/8/2023	11	19	31	175	1819	5605	5853	2005	408	41	7	4	1	1	15980
3/9/2023	8	33	49	212	1849	5685	5881	1964	402	64	12	4	1	0	16164
3/10/2023	20	47	97	261	2393	6823	5560	1799	321	52	5	3	0	0	17381
3/11/2023	2	9	27	197	1735	5579	5890	2050	374	68	11	3	1	0	15946
3/12/2023	2	6	14	123	1224	4216	5144	2021	411	63	13	2	0	1	13240
3/13/2023	0	5	15	64	510	1449	1544	612	127	28	4	0	0	0	4358
Combined Total	62	147	311	1494	13794	41274	41397	14580	2846	447	69	20	5	3	116449

85 percentile = 40



Woodbury City Police Department

Traffic Unit

220 S. Broad St.
Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Cooper Street

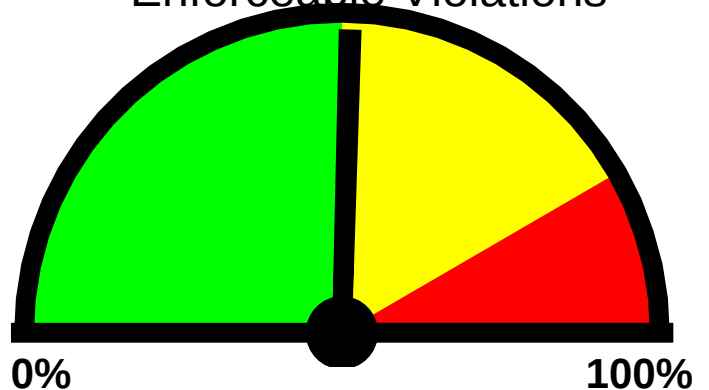
Closest Cross Street:
Rugby Place

Analysis Dates:
Sunday, March 5, 2023
Monday, March 13, 2023

Equipment Used:
JAMAR Covert Radar

Installed By:
Ptln. J. Duffy

Total Percentage of
Enforceable Violations



0%

100%

Posted Speed Limit: 25 MPH

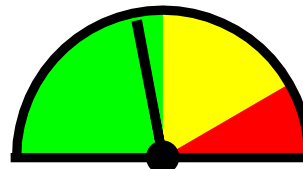
Enforcement Tolerance: 10 MPH

Enforcement Limit: 36 MPH & Up

Percentage Above Limit: 51.0%

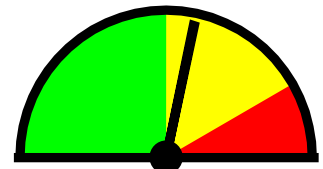
Enforcement Rating: **MEDIUM**

Lane1



Percent Above Limit: 44.1%
Enforcement Rating: **LOW**

Lane2



Percent Above Limit: 56.8%
Enforcement Rating: **MEDIUM**

Combined

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
49	139	309	1467	13670	41000	41139	14505	2833	445	69	20	5	3

85 percentile = 40

Lane1

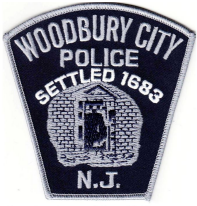
1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
43	106	183	863	7617	20647	16285	5489	1197	216	41	11	5	0

85 percentile = 39

Lane2

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
6	33	126	604	6053	20353	24854	9016	1636	229	28	9	0	3

85 percentile = 40



Woodbury City Police Department

Traffic Unit

220 S. Broad St.
Woodbury, NJ 08096

Speed Enforcement Evaluator

Location:
Cooper Street

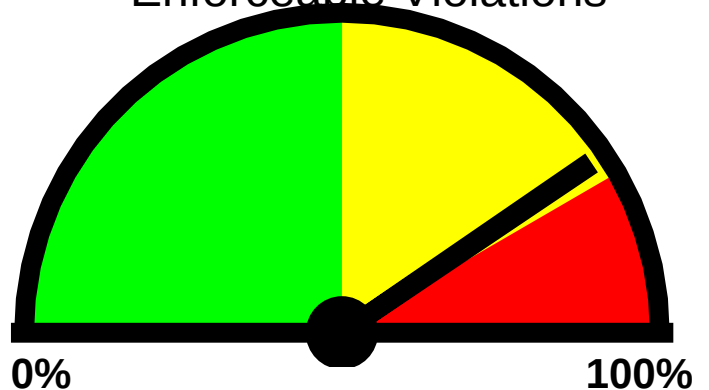
Closest Cross Street:
Rugby Place

Analysis Dates:
Sunday, March 5, 2023
Monday, March 13, 2023

Equipment Used:
JAMAR Covert Radar

Installed By:
Ptln. J. Duffy

Total Percentage of
Enforceable Violations



0%

100%

Posted Speed Limit: 25 MPH

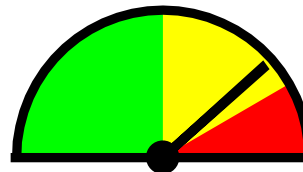
Enforcement Tolerance: 6 MPH

Enforcement Limit: 32 MPH & Up

Percentage Above Limit: 81.3%

Enforcement Rating: **MEDIUM**

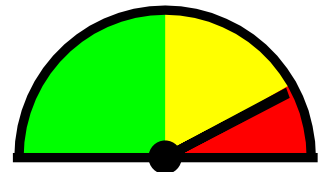
Lane1



Percent Above Limit: 77.0%

Enforcement Rating: **MEDIUM**

Lane2



Percent Above Limit: 84.8%

Enforcement Rating: **MEDIUM**

Combined

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
49	139	309	1467	13670	41000	41139	14505	2833	445	69	20	5	3

85 percentile = 40

Lane1

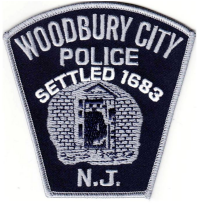
1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
43	106	183	863	7617	20647	16285	5489	1197	216	41	11	5	0

85 percentile = 39

Lane2

1-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	>70
6	33	126	604	6053	20353	24854	9016	1636	229	28	9	0	3

85 percentile = 40



Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Lane1

Report for 3/5/2023 7:00:00 PM to 3/13/2023 8:59:59 AM

SPEED STATISTICS - 15 to 70+ by 5 MPH

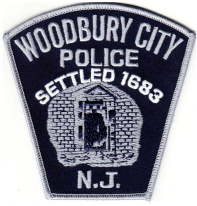
Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	149	183	863	7617	20644	16284	5489	1196	216	41	11	5	0	0
Percent	0.3	0.3	1.6	14.5	39.2	30.9	10.4	2.3	0.4	0.1	0.0	0.0	0.0	0.0

Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	52549	52366	51503	43886	23242	6958	1469	273	57	16	5	0	0	0
Percent	99.7	99.4	97.7	83.3	44.1	13.2	2.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	27	29	30	34	35	35	40	41	44

Average 35
(Mean)

Pace Speed 30-39
Number in 37225
Pace
Percent in 70.6
Pace

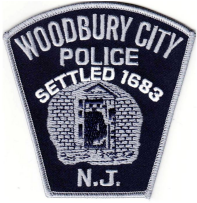


Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Lane1

Speed	Volume
7	1
8	13
9	17
10	12
11	16
12	26
13	22
14	18
15	24
16	28
17	27
18	32
19	44
20	52
21	67
22	81
23	127
24	230
25	358
26	655
27	949
28	1387
29	2096
30	2530
31	3306
32	3952
33	4354
34	4497
35	4535
36	4240
37	3730
38	3234
39	2847
40	2233
41	1720
42	1412
43	1064
44	734
45	559
46	406
47	307
48	223
49	158
50	102
51	71
52	61
53	40
54	25
55	19
56	16
57	11
58	3
59	9
60	2
61	4
62	4
63	1
64	1
65	1
66	0
67	0
68	4
69	0
70	1



Woodbury City Police Department
Traffic Unit
 220 S. Broad St.
 Woodbury, NJ 08096

Cooper Street
 Rugby Place

Lane2

Report for 3/5/2023 7:00:00 PM to 3/13/2023 8:59:59 AM

SPEED STATISTICS - 15 to 70+ by 5 MPH

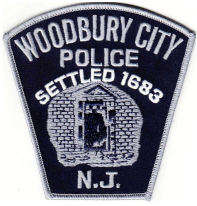
Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	39	126	604	6053	20352	24851	9013	1636	229	28	9	0	0	3
Percent	0.1	0.2	1.0	9.6	32.3	39.5	14.3	2.6	0.4	0.0	0.0	0.0	0.0	0.0

Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	62904	62778	62174	56121	35769	10918	1905	269	40	12	3	3	3	0
Percent	99.9	99.7	98.8	89.2	56.8	17.3	3.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	29	30	31	36	36	37	41	42	44

Average 36
 (Mean)

Pace Speed 32-41
 Number in 45520
 Pace
 Percent in 72.3
 Pace



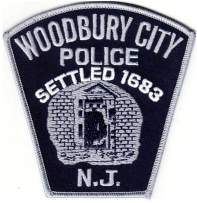
Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

Lane2

Speed	Volume
8	1
9	0
10	5
11	2
12	3
13	5
14	11
15	12
16	17
17	26
18	23
19	22
20	38
21	47
22	69
23	98
24	148
25	242
26	404
27	708
28	1201
29	1645
30	2095
31	2728
32	3321
33	4071
34	4873
35	5359
36	5745
37	5606
38	5229
39	4504
40	3767
41	3045
42	2268
43	1684
44	1213
45	803
46	610
47	407
48	295
49	177
50	147
51	91
52	54
53	44
54	23
55	17
56	15
57	4
58	6
59	2
60	1
61	2
62	5
63	0
64	1
65	1
66	0
67	0
68	0
69	0
70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	1
79	0
80	0
81	0

82	0
83	0
84	1
85	0
86	0
87	0
88	1



Woodbury City Police Department
Traffic Unit
 220 S. Broad St.
 Woodbury, NJ 08096

Cooper Street
 Rugby Place

COMBINED - Lane1, Lane2

Report for 3/5/2023 7:00:00 PM to 3/13/2023 8:59:59 AM

SPEED STATISTICS - 15 to 70+ by 5 MPH

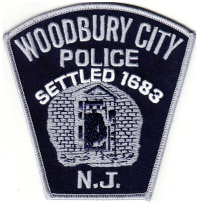
Speed in MPH	1 - 15	16 - 20	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	61 - 65	66 - 70	71 - 75	76 - 999
Count	188	309	1467	13670	40996	41135	14502	2832	445	69	20	5	0	3
Percent	0.2	0.3	1.3	11.8	35.5	35.6	12.5	2.4	0.4	0.1	0.0	0.0	0.0	0.0

Over Speed	15	20	25	30	35	40	45	50	55	60	65	70	75	999
Count	115453	115144	113677	100007	59011	17876	3374	542	97	28	8	3	3	0
Percent	99.8	99.6	98.3	86.5	51.0	15.5	2.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	28	30	31	35	36	36	41	42	44

Average 36
 (Mean)

Pace Speed 31-40
 Number in 82131
 Pace
 Percent in 71.0
 Pace



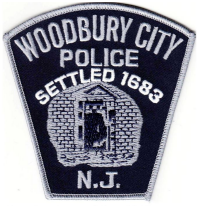
Woodbury City Police Department
Traffic Unit
220 S. Broad St.
Woodbury, NJ 08096

Cooper Street
Rugby Place

COMBINED - Lane1, Lane2

Speed	Volume
7	1
8	14
9	17
10	17
11	18
12	29
13	27
14	29
15	36
16	45
17	53
18	55
19	66
20	90
21	114
22	150
23	225
24	378
25	600
26	1059
27	1657
28	2588
29	3741
30	4625
31	6034
32	7273
33	8425
34	9370
35	9894
36	9985
37	9336
38	8463
39	7351
40	6000
41	4765
42	3680
43	2748
44	1947
45	1362
46	1016
47	714
48	518
49	335
50	249
51	162
52	115
53	84
54	48
55	36
56	31
57	15
58	9
59	11
60	3
61	6
62	9
63	1
64	2
65	2
66	0
67	0
68	4
69	0
70	1
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	1
79	0
80	0

81	0
82	0
83	0
84	1
85	0
86	0
87	0
88	1



Woodbury City Police Department

Traffic Unit

220 S. Broad St.
Woodbury, NJ 08096

Best Times for Enforcement

Location:

Cooper Street

Closest Cross Street:

Rugby Place

Analysis Dates:

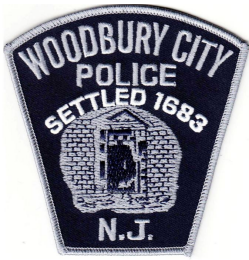
Sunday, March 5, 2023

Monday, March 13, 2023

Installed By:

Ptlm. J. Duffy

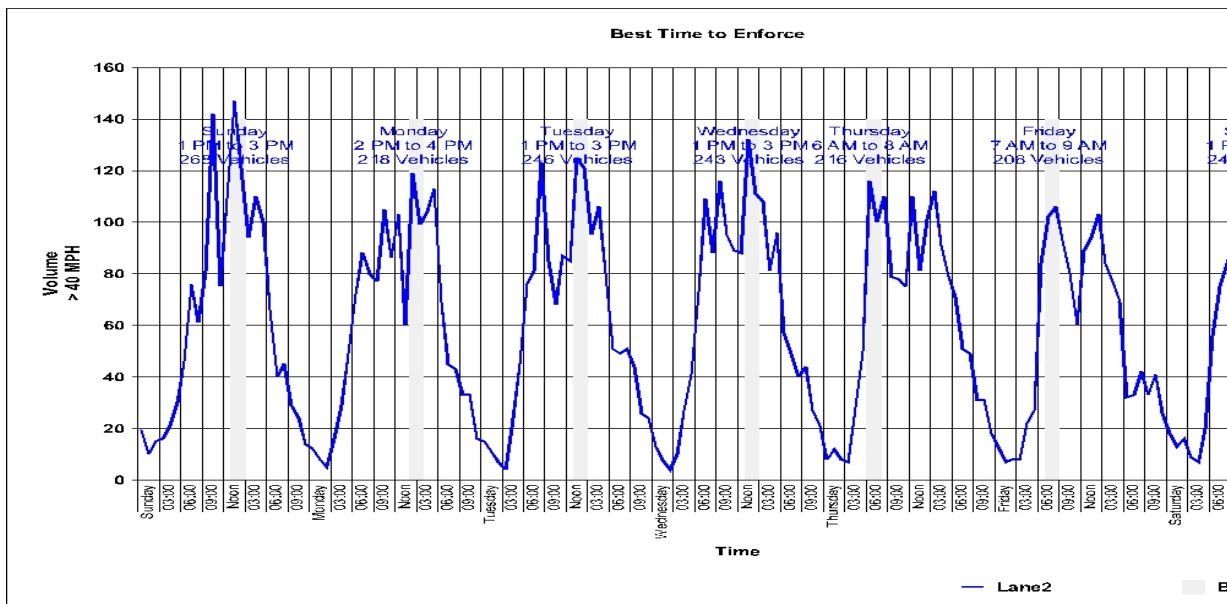
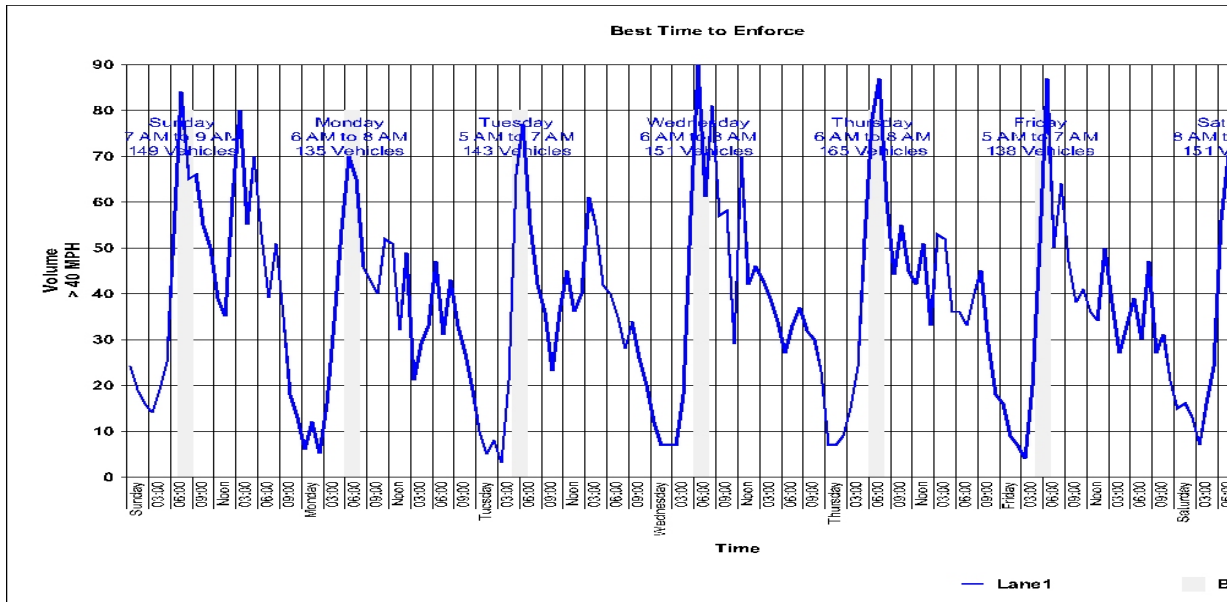
Sun	Combined: 1 PM to 3 PM Lane1: 7 AM to 9 AM Lane2: 1 PM to 3 PM
Mon	Combined: 6 AM to 8 AM Lane1: 6 AM to 8 AM Lane2: 2 PM to 4 PM
Tue	Combined: 1 PM to 3 PM Lane1: 5 AM to 7 AM Lane2: 1 PM to 3 PM
Wed	Combined: 8 AM to 10 AM Lane1: 6 AM to 8 AM Lane2: 1 PM to 3 PM
Thu	Combined: 6 AM to 8 AM Lane1: 6 AM to 8 AM Lane2: 6 AM to 8 AM
Fri	Combined: 6 AM to 8 AM Lane1: 5 AM to 7 AM Lane2: 7 AM to 9 AM
Sat	Combined: 8 AM to 10 AM Lane1: 8 AM to 10 AM Lane2: 1 PM to 3 PM

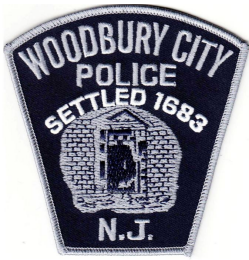


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