

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 #

<b>NARRATIVE</b>			
Speeding Complaint – North Bayard Ave			
Resident Complaints			
A resident reported vehicles speeding and disobeying stop signs on N. Bayard Ave in the area of Hunter St. The complainant requested a speed study be conducted in the area of N. Bayard Ave & Hunter St.			
On January 13, 2023 I deployed the covert Jamar Radar Recorder in the area of N. Bayard Ave, between Spruce Ln. and Hunter St. The Jamar Radar Recorder was affixed to a nearby telephone pole and recorded both northbound and southbound traffic on N. Bayard Ave. The Radar Recorder was deployed for a period of seven (9) days and recorded a total of 1,251 vehicles.			
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 12
Reviewed by:		Copy To	

Date:

Incident Report Number:

**Continuation**

Incident Report Number

Incident Location:

Incident Date:

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 3 MPH, or a vehicle speed of 29 MPH or above. I also produced a Speed Enforcement Evaluator with an enforcement tolerance of 6 MPH and 10 MPH or a vehicle speed of 32 MPH and 36 MPH and above. The following are the results of the data:

**Speed Enforcement Evaluator (29 MPH and above)**

The total percentage of Enforceable Violations (Vehicles traveling over 29 MPH) was found to be LOW with 4.9% of vehicles above the limit (29 MPH).

**Speed Enforcement Evaluator (32 MPH and above)**

The total percentage of Enforceable Violations (Vehicles traveling over 32 MPH) was found to be LOW with 1.3% 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 LOW with 0.2% 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 northbound and southbound traffic) revealed that the Average Mean Speed of vehicles was 22 MPH. It was found that there were no vehicles traveling over 40 MPH. The highest speed calculated during this period was 39 MPH. Of the 1,251 vehicles, only 46 were traveling above 30 MPH. The 85th percentile speed is 25 MPH, meaning that 85% of vehicles were traveling at or below 25 MPH.

It was found that there is not a 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. I have also attached the Data Summary Sheets to this report for reference.

***Pt/m. J. Duffy #3100***

Reporting Officer(s):

Pages:

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# Woodbury City Police Department

## Traffic Unit

220 S. Broad St.  
Woodbury, NJ 08096



Site Code: 00000001

Station ID:

North Bayard Ave

Hunter Street

Latitude: 0' 0.0000 Undefined

### 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	1	27	152	241	73	10	1	0	0	0	0	0	0

85 percentile = 25

### 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	2	25	227	359	121	11	1	0	0	0	0	0	0

85 percentile = 25

### Combined

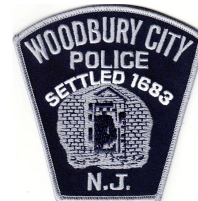
1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	3	52	379	600	194	21	2	0	0	0	0	0	0

85 percentile = 25

# Woodbury City Police Department

## Traffic Unit

220 S. Broad St.  
Woodbury, NJ 08096



### Speed Enforcement Evaluator

**Location:**  
**North Bayard Ave**

**GPS:**

0' 0.0000 Undefined  
0' 0.0000 Undefined

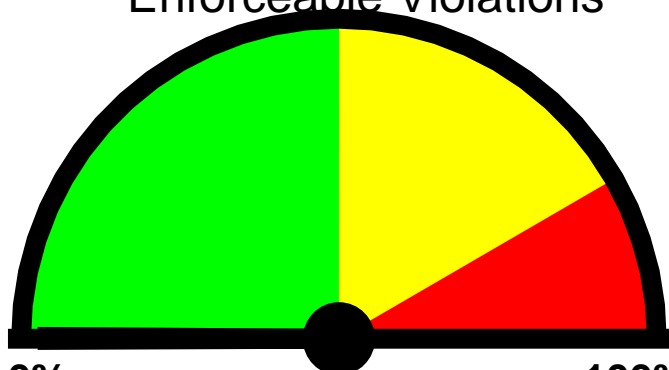
**Closest Cross Street:**  
Hunter Street

**Analysis Dates:**  
Friday, January 13, 2023  
Saturday, January 21, 2023

**Equipment Used:**  
JAMAR Covert Radar

**Installed By:**  
PtIm. J. Duffy #3100

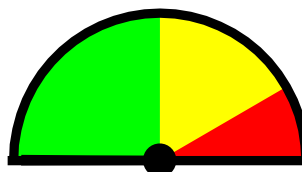
Total Percentage of  
Enforceable Violations



0% 100%

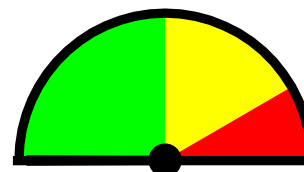
Posted Speed Limit: 25 MPH  
Enforcement Tolerance: 10 MPH  
Enforcement Limit: 36 MPH & Up  
Percentage Above Limit: 0.2%  
Enforcement Rating: **LOW**

Lane1



Percent Above Limit: 0.2%  
Enforcement Rating: **LOW**

Lane2



Percent Above Limit: 0.1%  
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	3	52	379	600	194	21	2	0	0	0	0	0	0

85 percentile = 25

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	1	27	152	241	73	10	1	0	0	0	0	0	0

85 percentile = 25

Lane2

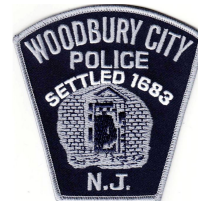
1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	2	25	227	359	121	11	1	0	0	0	0	0	0

85 percentile = 25

# Woodbury City Police Department

## Traffic Unit

220 S. Broad St.  
Woodbury, NJ 08096



### Speed Enforcement Evaluator

**Location:**  
**North Bayard Ave**

**GPS:**

0' 0.0000 Undefined  
0' 0.0000 Undefined

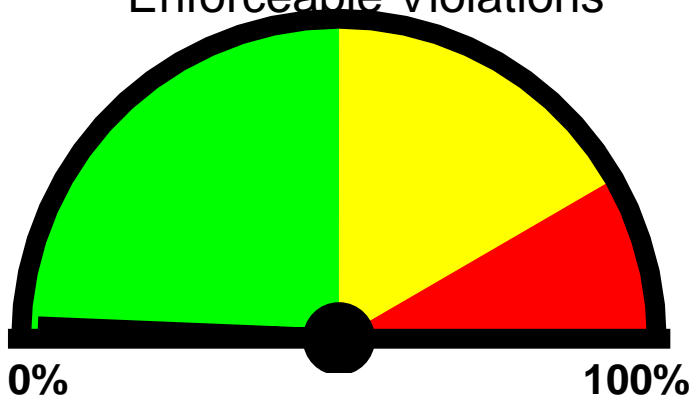
**Closest Cross Street:**  
Hunter Street

**Analysis Dates:**  
Friday, January 13, 2023  
Saturday, January 21, 2023

**Equipment Used:**  
JAMAR Covert Radar

**Installed By:**  
PtIm. J. Duffy #3100

Total Percentage of  
Enforceable Violations

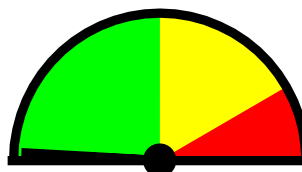


0%

100%

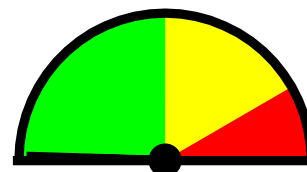
**Posted Speed Limit:** 25 MPH  
**Enforcement Tolerance:** 6 MPH  
**Enforcement Limit:** 32 MPH & Up  
**Percentage Above Limit:** 1.3%  
**Enforcement Rating:** **LOW**

Lane1



**Percent Above Limit:** 1.8%  
**Enforcement Rating:** **LOW**

Lane2



**Percent Above Limit:** 0.9%  
**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	3	52	379	600	194	21	2	0	0	0	0	0	0

85 percentile = 25

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	1	27	152	241	73	10	1	0	0	0	0	0	0

85 percentile = 25

Lane2

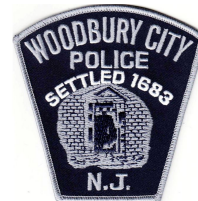
1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	>65
0	2	25	227	359	121	11	1	0	0	0	0	0	0

85 percentile = 25

# Woodbury City Police Department

## Traffic Unit

220 S. Broad St.  
Woodbury, NJ 08096



### Speed Enforcement Evaluator

**Location:**  
**North Bayard Ave**

**GPS:**

0' 0.0000 Undefined  
0' 0.0000 Undefined

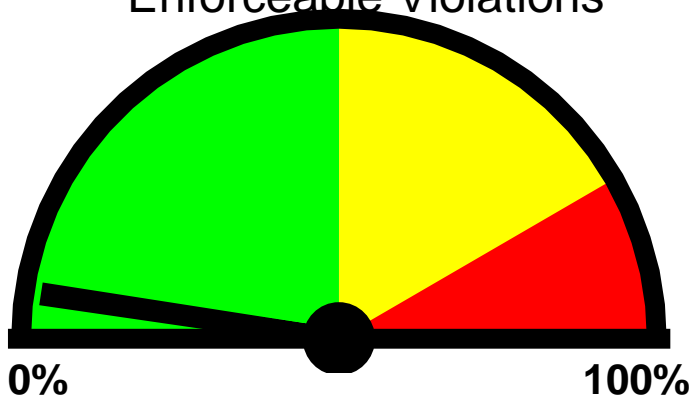
**Closest Cross Street:**  
Hunter Street

**Analysis Dates:**  
Friday, January 13, 2023  
Saturday, January 21, 2023

**Equipment Used:**  
JAMAR Covert Radar

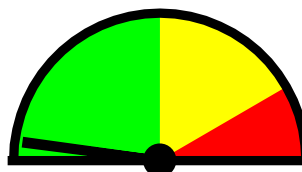
**Installed By:**  
PtIm. J. Duffy #3100

Total Percentage of  
Enforceable Violations



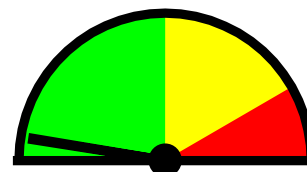
0% 100%  
**Posted Speed Limit:** 25 MPH  
**Enforcement Tolerance:** 3 MPH  
**Enforcement Limit:** 29 MPH & Up  
**Percentage Above Limit:** 4.9%  
**Enforcement Rating:** **LOW**

Lane1



Percent Above Limit: 4.4%  
Enforcement Rating: **LOW**

Lane2



Percent Above Limit: 5.2%  
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	3	52	379	600	194	21	2	0	0	0	0	0	0

85 percentile = 25

**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	1	27	152	241	73	10	1	0	0	0	0	0	0

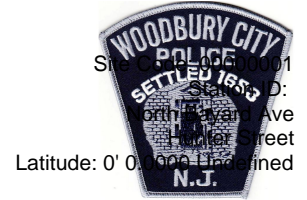
85 percentile = 25

**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	2	25	227	359	121	11	1	0	0	0	0	0	0

85 percentile = 25

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



Lane1

**Report for 1/13/2023 7:16:49 PM to 1/21/2023 8:59:56 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	504	1	0	0	0	0	0	0	0	0	0	0	0	0
Percent	99.8	0.2	0.0	0.0	0.0	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.2	0.0	0.0	0.0	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	15	17	18	21	22	22	26	27	28

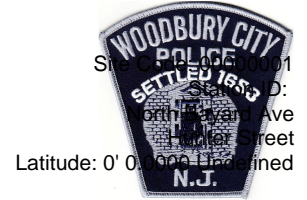
Average 22  
(Mean)

Pace Speed 17-26  
 Number in 412  
 Pace  
 Percent in 81.6  
 Pace

Speed	Volume
10	1
11	2
12	5
13	5
14	5
15	10
16	8
17	24
18	31
19	36
20	53
21	65
22	46
23	58
24	35
25	37
26	27
27	14
28	21
29	4
30	7
31	2
32	1
33	5
34	1
35	1
36	0
37	1



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



Lane2

**Report for 1/13/2023 7:16:49 PM to 1/21/2023 8:59:56 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	745	1	0	0	0	0	0	0	0	0	0	0	0	0
Percent	99.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

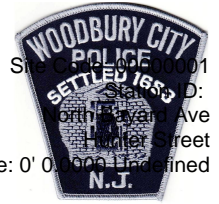
Over Speed	35	40	45	50	55	60	65	70	75	80	85	90	95	999
Count	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	16	18	18	22	22	23	26	27	29

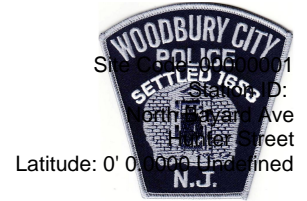
Average 22  
(Mean)

Pace Speed 17-26  
 Number in 624  
 Pace  
 Percent in 83.6  
 Pace



Speed	Volume
9	2
10	0
11	0
12	3
13	1
14	8
15	13
16	13
17	28
18	48
19	62
20	76
21	72
22	70
23	91
24	62
25	64
26	51
27	28
28	15
29	17
30	10
31	5
32	2
33	4
34	0
35	0
36	0
37	0
38	0
39	1

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



COMBINED - Lane1, Lane2

**Report for 1/13/2023 7:16:49 PM to 1/21/2023 8:59:56 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	1249	2	0	0	0	0	0	0	0	0	0	0	0	0
Percent	99.8	0.2	0.0	0.0	0.0	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

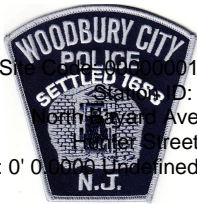
  

Percentile	5%	10%	15%	45%	50%	55%	85%	90%	95%
Speed	16	17	18	21	22	23	26	27	28

Average 22  
 (Mean)

Pace Speed 17-26  
 Number in 1036  
 Pace  
 Percent in 82.8  
 Pace

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



COMBINED - Lane1, Lane2

