

SpeedView Analysis Report

FOX POINT TRAFFIC STUDY. N. CRANSTON LN @
WOODBURN CT

Thu Apr 24, 2025 12:16
to Wed Apr 30, 2025 05:40

File: 00230019.csv

Date Created: Wednesday, April 30, 2025

Generator: 01986208

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Summary

Study Summary for file 00230019.csv

Study Conducted By: Master Deputy Rocco Wahl #413

Location of Study: N. Cranston Ln @ Woodburn Ct

Study Dates: April 24th - April 30th, 2025

On April 24th, 2025 Master Deputy Rocco Wahl conducted a 6-Day Traffic Study in the Fox Point Subdivision. The purpose of the study was to address speeding concerns by collecting nonintrusive data on vehicles traveling in the area of N. Cranston Ln and Woodburn Ct. The Traffic Data Recorder has a bidirectional RADAR Antenna that will log each vehicles speed, time of speed, and direction of travel. Over the next few weeks, there will be seven traffic studies conducted in Fox Point. This particular study will be known as 4 of 7. The results will be shared with Spotsylvania County's Transportation Department and Fox Point's Home Owner's Association. Below is a brief synopsis of the study results.

Speed Setting: 25mph

Total Vehicles: 2,924

Daily Average: 487

Vehicles Traveling 26mph or Greater: 554

Vehicles Traveling 36mph or Greater: 9

Max Speed for Approaching Vehicles (West on N. Cranston Ln): 34mph

Max Speed for Receding Vehicles (East on N. Cranston Ln): 47mph

Average Speed for Approaching Vehicles: 19mph

Average Speed for Receding Vehicles: 20mph

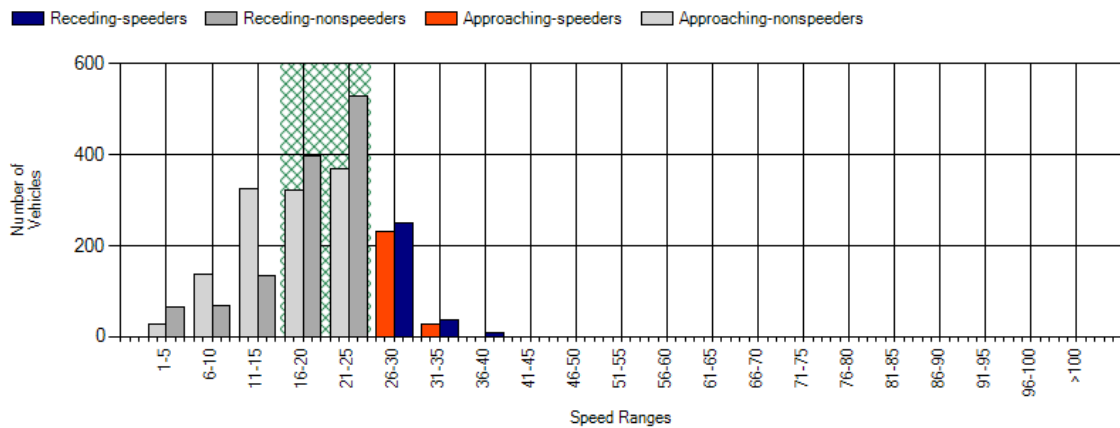
If you have any questions or concerns, please email Master Deputy Rocco Wahl at rwahl@spotsylvania.va.us

Traffic Analysis Report

Result Description		
File:	00230019.csv	
Study Title:	FOX POINT TRAFFIC STUDY. N. CRANSTON LN @ WOODBURN CT	
Study Run Dates:	2025/04/24 12:16:17 to 2025/04/30 05:40:00	
Total Study Time:	5 Days 17 Hours 23 Minutes	
Study Download Time:	2025/04/30 09:40:54	
Study Location:	N. CRANSTON LN @ WOODBURN CT	
Study GPS Location:	Unknown	
Study Timing Interval:	5 minute blocks	
Study Total # of Vehicles:	2924	
Study Posted Speed Limit:	25 mph	
Study Total # of Speeders:	554	
Approaching Traffic	# of Vehicles:	1439
	# of Speeders:	259
	Maximum Speed:	34 mph
	Average Speed:	19 mph
	Median Speed:	19 mph
	85th Pecenitile Speed:	22 mph
	10 MPH Pace:	16 to 25 mph
Receding Traffic	# of Vehicles:	1485
	# of Speeders:	295
	Maximum Speed:	47 mph
	Average Speed:	20 mph
	Median Speed:	20 mph
	85th Pecenitile Speed:	24 mph
	10 MPH Pace:	16 to 25 mph

Volume - Total Vehicles

The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into incrementing speed buckets of 5 mph with the resulting count of vehicles residing within those speeds being displayed as the corresponding volume on the vertical axis.

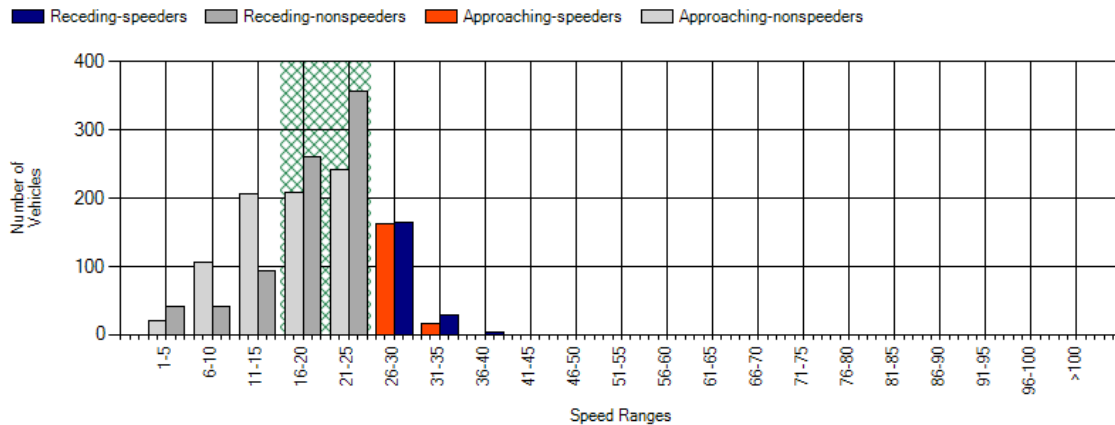


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Total Volume	28	138	324	321	369	231	28	0	0	0	0
% of Total Approaching	1.95%	9.59%	22.52%	22.31%	25.64%	16.05%	1.95%	0.00%	0.00%	0.00%	0.00%
Receding Total Volume	65	67	133	396	529	249	37	8	0	1	0
% of Total Receding	4.38%	4.51%	8.96%	26.67%	35.62%	16.77%	2.49%	0.54%	0.00%	0.07%	0.00%
Total Volume	93	205	457	717	898	480	65	8	0	1	0
% of Total Volume	3.18%	7.01%	15.63%	24.52%	30.71%	16.42%	2.22%	0.27%	0.00%	0.03%	0.00%

Speed (continued) [mph]	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	100+	Totals
Approaching Total Volume	0	0	0	0	0	0	0	0	0	0	1439
% of Total Approaching	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Total Volume	0	0	0	0	0	0	0	0	0	0	1485
% of Total Receding	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Total Volume	0	0	0	0	0	0	0	0	0	0	2924
% of Total Volume	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--

Volume - Weekday Total Vehicles

The following graph shows the breakdown of all vehicles tracked in this study for weekdays. The horizontal axis is broken down into incrementing speed buckets of 5 mph with the resulting count of vehicles residing within those speeds being displayed as the corresponding volume on the vertical axis.

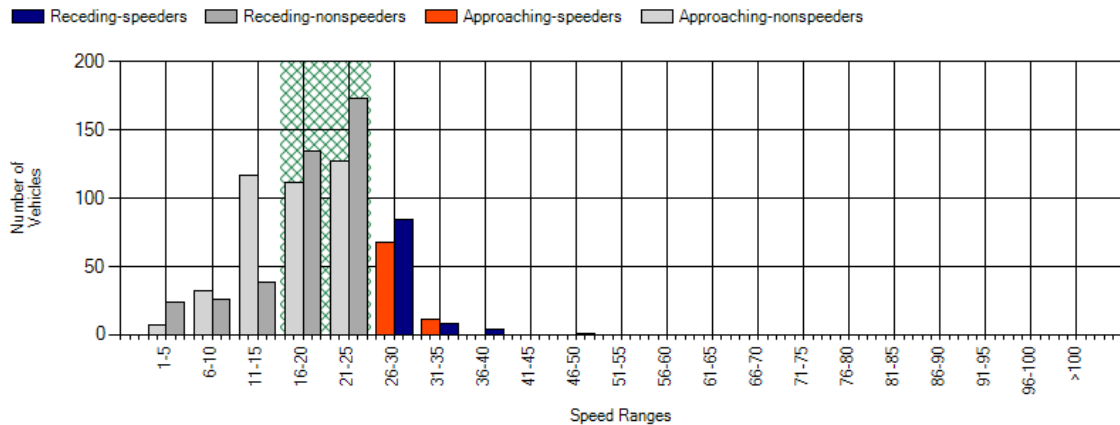


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekday Volume	21	106	207	209	242	163	17	0	0	0	0
% of Weekday Approaching	2.18%	10.98%	21.45%	21.66%	25.08%	16.89%	1.76%	0.00%	0.00%	0.00%	0.00%
% of Total Weekday	1.07%	5.42%	10.58%	10.69%	12.37%	8.33%	0.87%	0.00%	0.00%	0.00%	0.00%
% of Total Approaching	1.46%	7.37%	14.38%	14.52%	16.82%	11.33%	1.18%	0.00%	0.00%	0.00%	0.00%
Receding Weekday Volume	41	41	94	261	356	165	29	4	0	0	0
% of Weekday Receding	4.14%	4.14%	9.49%	26.34%	35.92%	16.65%	2.93%	0.40%	0.00%	0.00%	0.00%
% of Total Weekday	2.10%	2.10%	4.81%	13.34%	18.20%	8.44%	1.48%	0.20%	0.00%	0.00%	0.00%
% of Total Receding	2.76%	2.76%	6.33%	17.58%	23.97%	11.11%	1.95%	0.27%	0.00%	0.00%	0.00%
Weekday Volume	62	147	301	470	598	328	46	4	0	0	0
% of Weekday Volume	3.17%	7.52%	15.39%	24.03%	30.57%	16.77%	2.35%	0.20%	0.00%	0.00%	0.00%
% of Total Volume	2.12%	5.03%	10.29%	16.07%	20.45%	11.22%	1.57%	0.14%	0.00%	0.00%	0.00%

Speed (continued) [mph]	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	100+	Totals
Approaching Weekday Volume	0	0	0	0	0	0	0	0	0	0	965
% of Weekday Approaching	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekday	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekday Volume	0	0	0	0	0	0	0	0	0	0	991
% of Weekday Receding	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekday	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Receding	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Weekday Volume	0	0	0	0	0	0	0	0	0	0	1956
% of Weekday Volume	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Volume	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--

Volume - Weekend Total Vehicles

The following graph shows the breakdown of all vehicles tracked in this study for weekends. The horizontal axis is broken down into incrementing speed buckets of 5 mph with the resulting count of vehicles residing within those speeds being displayed as the corresponding volume on the vertical axis.

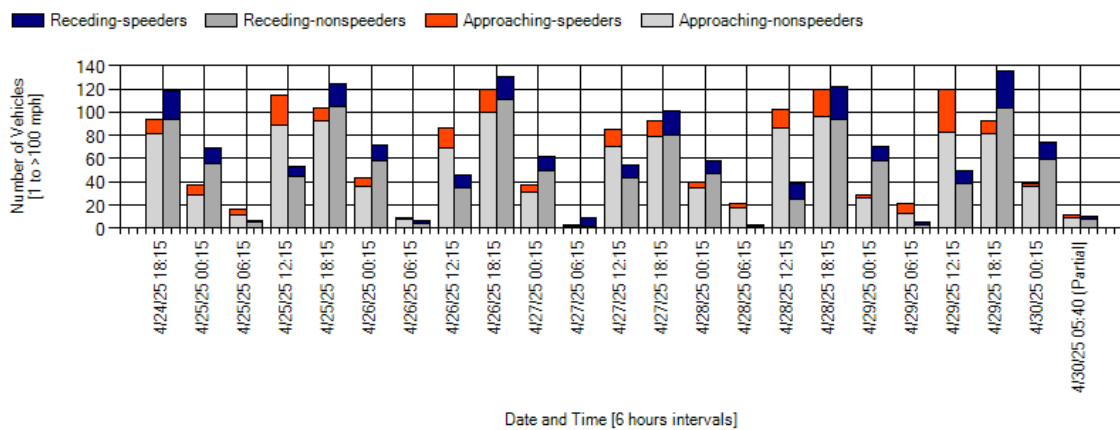


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekend Volume	7	32	117	112	127	68	11	0	0	0	0
% of Weekend Approaching	1.48%	6.75%	24.68%	23.63%	26.79%	14.35%	2.32%	0.00%	0.00%	0.00%	0.00%
% of Total Weekend	0.72%	3.31%	12.09%	11.57%	13.12%	7.02%	1.14%	0.00%	0.00%	0.00%	0.00%
% of Total Approaching	0.49%	2.22%	8.13%	7.78%	8.83%	4.73%	0.76%	0.00%	0.00%	0.00%	0.00%
Receding Weekend Volume	24	26	39	135	173	84	8	4	0	1	0
% of Weekend Receding	4.86%	5.26%	7.89%	27.33%	35.02%	17.00%	1.62%	0.81%	0.00%	0.20%	0.00%
% of Total Weekend	2.48%	2.69%	4.03%	13.95%	17.87%	8.68%	0.83%	0.41%	0.00%	0.10%	0.00%
% of Total Receding	1.62%	1.75%	2.63%	9.09%	11.65%	5.66%	0.54%	0.27%	0.00%	0.07%	0.00%
Weekend Volume	31	58	156	247	300	152	19	4	0	1	0
% of Weekend Volume	3.20%	5.99%	16.12%	25.52%	30.99%	15.70%	1.96%	0.41%	0.00%	0.10%	0.00%
% of Total Volume	1.06%	1.98%	5.34%	8.45%	10.26%	5.20%	0.65%	0.14%	0.00%	0.03%	0.00%

Speed (continued) [mph]	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100	100+	Totals
Approaching Weekend Volume	0	0	0	0	0	0	0	0	0	0	474
% of Weekend Approaching	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekend	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekend Volume	0	0	0	0	0	0	0	0	0	0	494
% of Weekend Receding	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekend	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Receding	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Weekend Volume	0	0	0	0	0	0	0	0	0	0	968
% of Weekend Volume	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Volume	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--

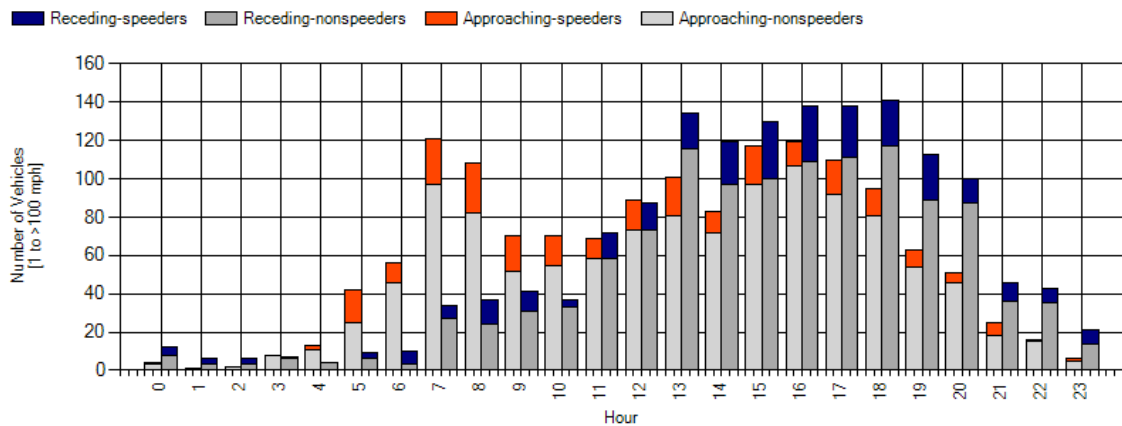
Volume - By Time

The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Volume - By Hour

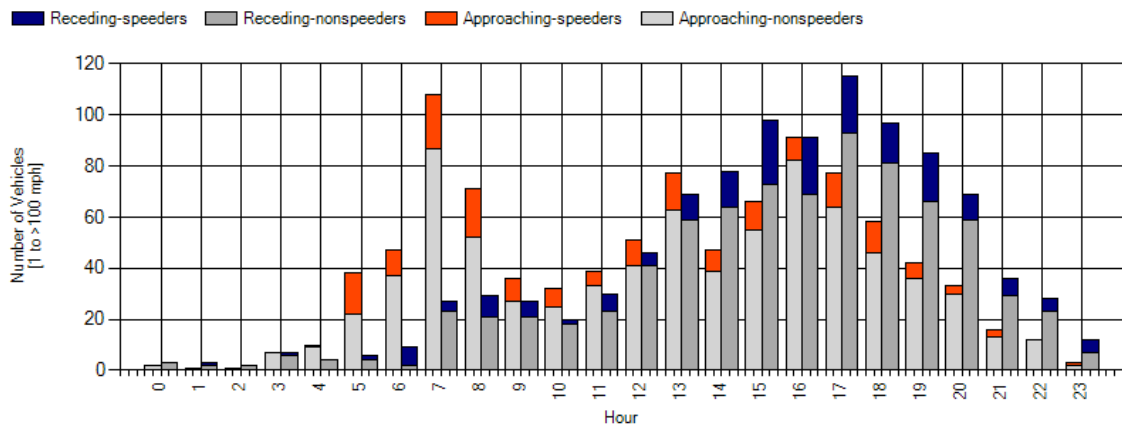
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	4	1	19	28	19	19
0	Receding	12	4	21	34	21	21
1	Approaching	1	1	28	28	28	28
1	Receding	6	3	22	32	22	22
2	Approaching	2	0	16	17	16	16
2	Receding	6	3	24	37	24	26
3	Approaching	8	0	17	25	17	19
3	Receding	7	1	17	26	16	17
4	Approaching	13	2	16	33	16	16
4	Receding	4	0	18	22	13	18
5	Approaching	42	17	21	29	21	24
5	Receding	9	3	24	34	24	24
6	Approaching	56	10	19	31	19	22
6	Receding	10	7	25	31	25	26
7	Approaching	121	24	20	31	20	25
7	Receding	34	7	22	31	21	23
8	Approaching	108	26	20	34	19	25
8	Receding	37	13	21	32	22	24
9	Approaching	70	18	21	34	21	24
9	Receding	41	10	20	37	20	23
10	Approaching	70	15	19	28	19	22
10	Receding	37	4	21	28	21	23
11	Approaching	69	11	18	32	18	21
11	Receding	72	14	20	31	19	23
12	Approaching	89	16	19	30	19	23
12	Receding	87	14	20	38	20	24
13	Approaching	101	20	17	33	18	22
13	Receding	134	18	19	30	18	23
14	Approaching	83	11	18	29	18	21
14	Receding	119	22	19	32	19	23
15	Approaching	117	20	19	32	18	22
15	Receding	130	30	20	31	20	25
16	Approaching	119	12	17	30	16	21
16	Receding	138	29	21	36	21	26
17	Approaching	110	18	18	34	19	23
17	Receding	138	27	21	40	21	25
18	Approaching	95	14	18	31	18	21
18	Receding	141	24	20	39	20	25
19	Approaching	63	9	18	31	18	21
19	Receding	113	24	21	31	20	24
20	Approaching	51	5	19	28	18	21
20	Receding	100	13	19	32	19	23
21	Approaching	25	7	19	34	19	21
21	Receding	46	10	23	47	23	24
22	Approaching	16	1	19	28	19	20
22	Receding	43	8	22	30	21	23
23	Approaching	6	1	21	30	21	22
23	Receding	21	7	23	36	23	24

Volume - By Weekday Hour

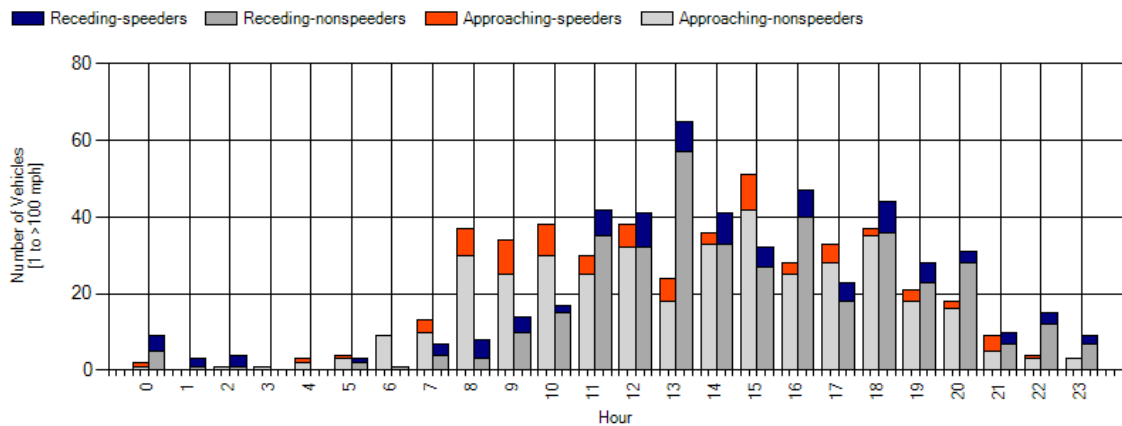
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekday Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	2	0	16	25	16	16
0	Receding	3	0	13	23	13	13
1	Approaching	1	1	28	28	28	28
1	Receding	3	1	24	32	24	24
2	Approaching	1	0	17	17	17	17
2	Receding	2	0	14	15	14	14
3	Approaching	7	0	16	24	16	19
3	Receding	7	1	17	26	16	17
4	Approaching	10	1	15	33	15	15
4	Receding	4	0	18	22	13	18
5	Approaching	38	16	21	29	21	24
5	Receding	6	2	24	34	24	24
6	Approaching	47	10	19	31	19	23
6	Receding	9	7	26	31	26	27
7	Approaching	108	21	20	31	20	25
7	Receding	27	4	21	31	20	22
8	Approaching	71	19	20	31	19	25
8	Receding	29	8	21	32	21	24
9	Approaching	36	9	20	31	21	24
9	Receding	27	6	19	37	20	24
10	Approaching	32	7	18	27	18	21
10	Receding	20	2	20	27	20	22
11	Approaching	39	6	17	32	17	19
11	Receding	30	7	19	31	19	22
12	Approaching	51	10	19	28	20	23
12	Receding	46	5	20	31	20	23
13	Approaching	77	14	17	33	17	22
13	Receding	69	10	18	30	18	22
14	Approaching	47	8	18	29	18	21
14	Receding	78	14	19	32	19	22
15	Approaching	66	11	19	32	18	22
15	Receding	98	25	20	31	20	25
16	Approaching	91	9	17	30	16	21
16	Receding	91	22	23	36	22	27
17	Approaching	77	13	19	33	19	23
17	Receding	115	22	21	35	21	25
18	Approaching	58	12	18	31	18	21
18	Receding	97	16	20	39	20	26
19	Approaching	42	6	20	31	19	22
19	Receding	85	19	21	30	20	24
20	Approaching	33	3	18	27	18	20
20	Receding	69	10	19	31	20	23
21	Approaching	16	3	16	29	16	17
21	Receding	36	7	22	30	22	23
22	Approaching	12	0	17	25	17	19
22	Receding	28	5	22	30	21	23
23	Approaching	3	1	25	30	25	25
23	Receding	12	5	24	36	25	26

Volume - By Weekend Hour

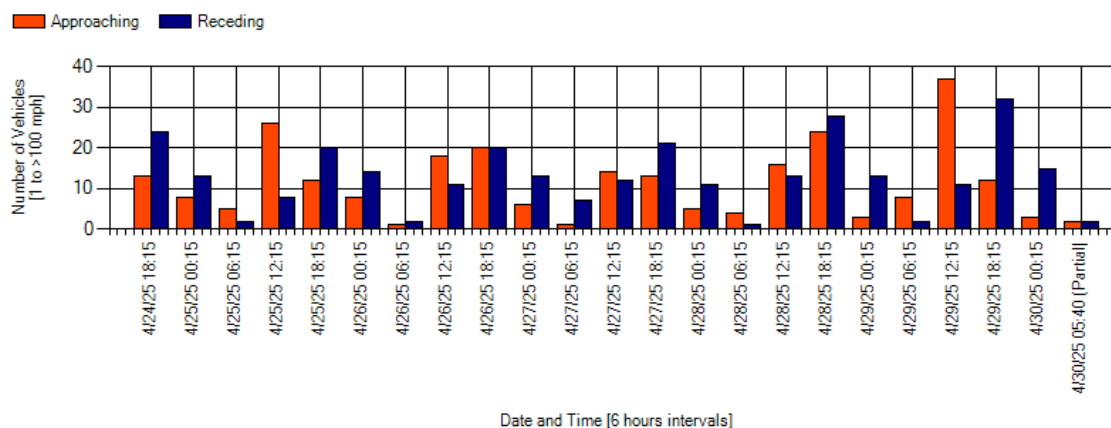
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekend Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	2	1	22	28	22	22
0	Receding	9	4	24	34	24	24
1	Approaching	0	0	0	0	0	0
1	Receding	3	2	21	29	21	21
2	Approaching	1	0	14	14	14	14
2	Receding	4	3	30	37	30	32
3	Approaching	1	0	25	25	25	25
3	Receding	0	0	0	0	0	0
4	Approaching	3	1	18	27	18	18
4	Receding	0	0	0	0	0	0
5	Approaching	4	1	19	27	19	21
5	Receding	3	1	24	31	24	24
6	Approaching	9	0	17	25	17	19
6	Receding	1	0	20	20	20	20
7	Approaching	13	3	20	30	20	23
7	Receding	7	3	25	28	25	25
8	Approaching	37	7	19	34	19	24
8	Receding	8	5	24	29	24	24
9	Approaching	34	9	22	34	21	25
9	Receding	14	4	21	28	21	22
10	Approaching	38	8	19	28	19	24
10	Receding	17	2	22	28	21	23
11	Approaching	30	5	19	29	19	24
11	Receding	42	7	20	27	19	24
12	Approaching	38	6	19	30	19	22
12	Receding	41	9	20	38	21	25
13	Approaching	24	6	19	27	19	22
13	Receding	65	8	19	30	19	24
14	Approaching	36	3	18	29	17	21
14	Receding	41	8	20	30	20	24
15	Approaching	51	9	19	30	19	22
15	Receding	32	5	19	30	19	23
16	Approaching	28	3	17	28	17	22
16	Receding	47	7	19	30	19	24
17	Approaching	33	5	17	34	18	23
17	Receding	23	5	21	40	21	26
18	Approaching	37	2	19	27	18	21
18	Receding	44	8	20	32	19	24
19	Approaching	21	3	16	29	16	19
19	Receding	28	5	21	31	20	24
20	Approaching	18	2	20	28	20	22
20	Receding	31	3	19	32	18	23
21	Approaching	9	4	24	34	25	29
21	Receding	10	3	26	47	26	30
22	Approaching	4	1	22	28	22	22
22	Receding	15	3	22	29	22	23
23	Approaching	3	0	17	20	17	19
23	Receding	9	2	20	31	20	21

Volume - Total Speeders

The following graph shows the breakdown of all speeding vehicles tracked in this study based on the posted speed limit entered (25 mph). The horizontal axis is broken down into incrementing speed buckets of 5 mph with the resulting count of vehicles residing within those speeds being displayed as the corresponding volume on the vertical axis.



Approaching Breakdown

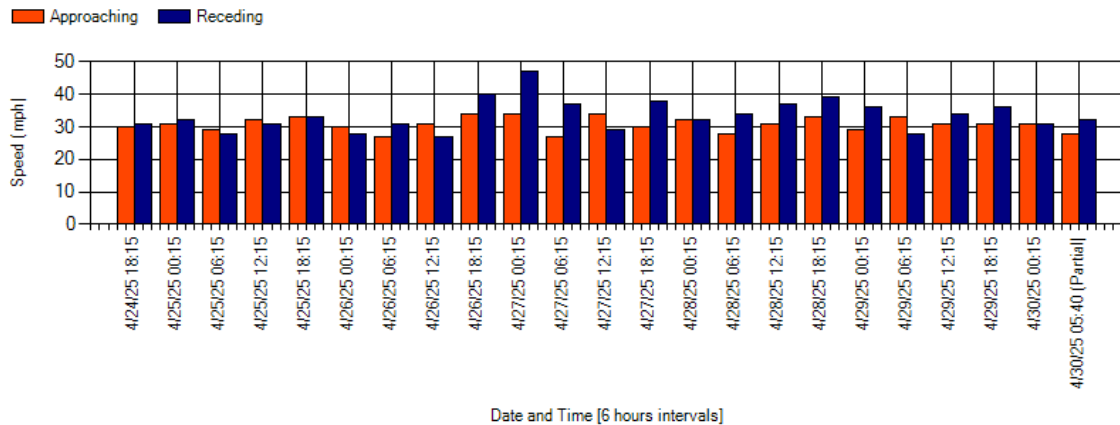
Speeding Statistics		10 MPH Pace		# Exceeding Limit			
Posted Limit	25 mph	Pace Speed	16 to 25 mph	Speed	26 to 35 mph	36 to 45 mph	46+ mph
# At/Under Limit	1180	# In Pace	1	Volume	259	0	0
# Over Limit	259	% In Pace	0.07%	Percent	18.00%	0.00%	0.00%
Average Speed	19 mph						
85th % Speed (weighted)	22 mph						

Receding Breakdown

Speeding Statistics		10 MPH Pace		# Exceeding Limit			
Posted Limit	25 mph	Pace Speed	16 to 25 mph	Speed	26 to 35 mph	36 to 45 mph	46+ mph
# At/Under Limit	1190	# In Pace	5	Volume	286	8	1
# Over Limit	295	% In Pace	0.34%	Percent	19.26%	0.54%	0.07%
Average Speed	20 mph						
85th % Speed (weighted)	24 mph						

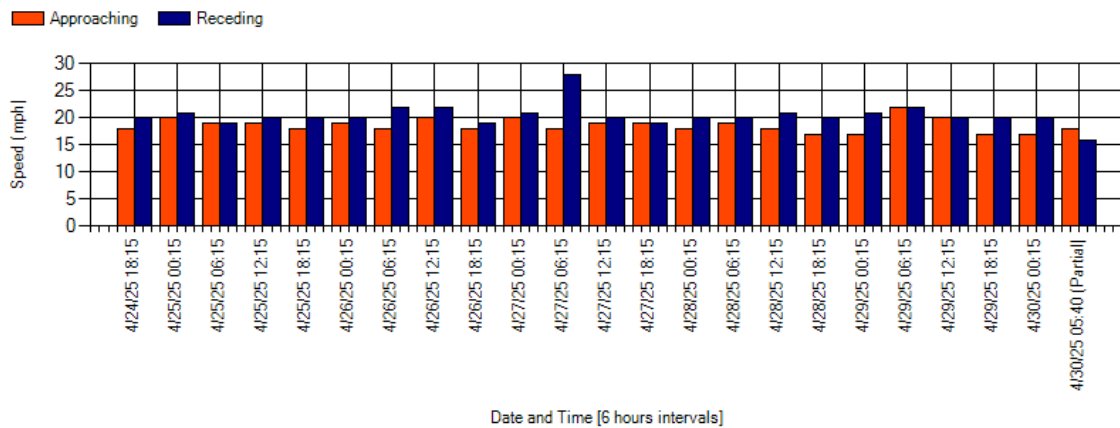
Speed - Maximum Speed

The following graph shows the maximum speeds captured in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting maximum vehicle speed captured during those time intervals being displayed as the corresponding speed value on the vertical axis.



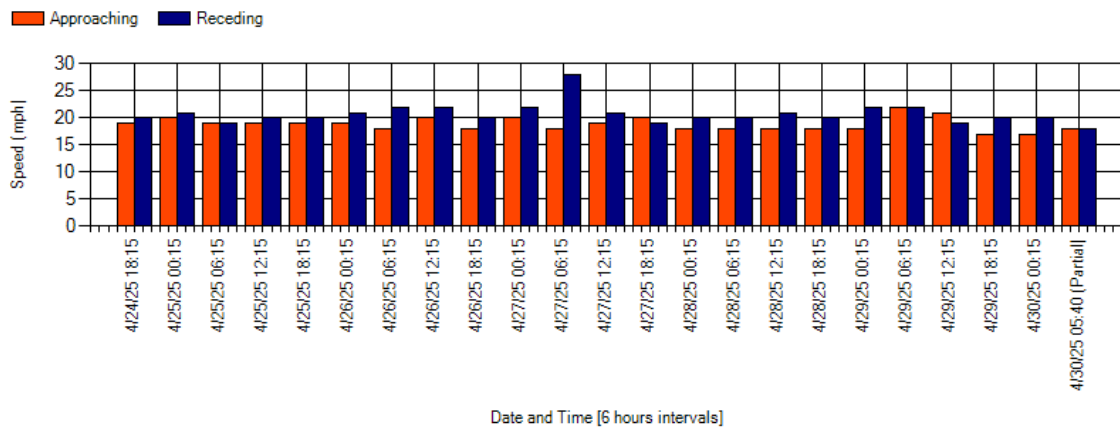
Speed - Average Speed

The following graph shows the average speeds captured in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting average vehicle speed captured during those time intervals being displayed as the corresponding speed value on the vertical axis.



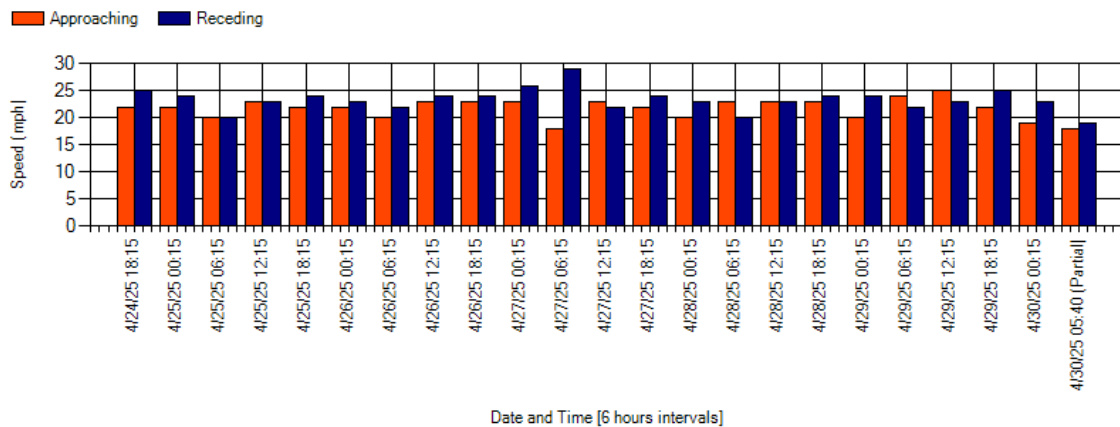
Speed - Median Speed

The following graph shows the median speeds captured in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting median vehicle speed captured during those time intervals being displayed as the corresponding speed value on the vertical axis.



Speed - 85th Percentile Speed

The following graph shows the 85th percentile speeds captured in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting 85th percentile vehicle speed captured during those time intervals being displayed as the corresponding speed value on the vertical axis.



Contact Us

For questions or comments about this product, please contact us at the following:

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