

SpeedView Analysis Report

FOX POINT TRAFFIC STUDY CHARLESFIELD AT BENEVOLENT ST

Wed Jul 2, 2025 12:02
to Mon Jul 7, 2025 15:30

File: 00850075.csv

Date Created: Monday, July 7, 2025

Generator: 01986208

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Summary

Study Summary for file 00850075.csv

Study Conducted By: Master Deputy Rocco Wahl #413
Location of Study: Charlesfield Drive @ Benevolent Street
Study Dates: July 2nd, 2025 – July 7th, 2025
Download Date: July 7th, 2025

On July 2nd, 2025 Master Deputy Rocco Wahl conducted a 5-Day Traffic Study in the area of Charlesfield Dr and Benevolent St. This study is one of several that were conducted in Fox Point and the results have been forwarded to the appropriate points of contact.

Below, is a brief synopsis of the data collected. For more information, please refer to the Traffic Study contained on the following pages.

Speed Limit: 25mph
Length of study: 5 Days
Total Vehicles: 4,788
Daily Average: 958
Average Speed for all vehicles traveling North and South on Charlesfield Drive: 18mph
Vehicles Traveling 26mph or Greater: 702
Vehicles Traveling 30mph or Greater: 70
Vehicles Traveling 36mph or Greater: 6
Average Speed for Approaching Vehicles (South on Chesterfield): 20mph
Average Speed for Receding Vehicles (North on Chesterfield): 16mph

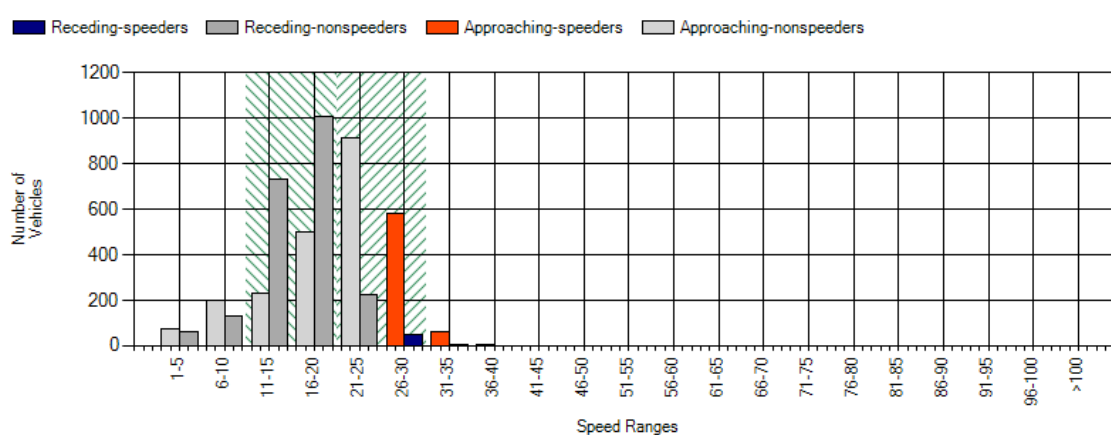
If you have any questions or concerns, please email Master Deputy Rocco Wahl at rwahl@spotsylvania.va.us

Traffic Analysis Report

Result Description		
File:	00850075.csv	
Study Title:	FOX POINT TRAFFIC STUDY CHARLESFIELD AT BENEVOLENT ST	
Study Run Dates:	2025/07/02 12:02:55 to 2025/07/07 15:30:54	
Total Study Time:	5 Days 3 Hours 27 Minutes	
Study Download Time:	2025/07/07 15:32:23	
Study Location:	CHARLESFIELD AT BENEVOLENT ST	
Study GPS Location:	Unknown	
Study Timing Interval:	5 minute blocks	
Study Total # of Vehicles:	4788	
Study Posted Speed Limit:	25 mph	
Study Total # of Speeders:	702	
Approaching Traffic	# of Vehicles:	2574
	# of Speeders:	647
	Maximum Speed:	40 mph
	Average Speed:	20 mph
	Median Speed:	21 mph
	85th Pcentile Speed:	25 mph
	10 MPH Pace:	21 to 30 mph
Receding Traffic	# of Vehicles:	2214
	# of Speeders:	55
	Maximum Speed:	42 mph
	Average Speed:	16 mph
	Median Speed:	16 mph
	85th Pcentile Speed:	19 mph
	10 MPH Pace:	11 to 20 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.

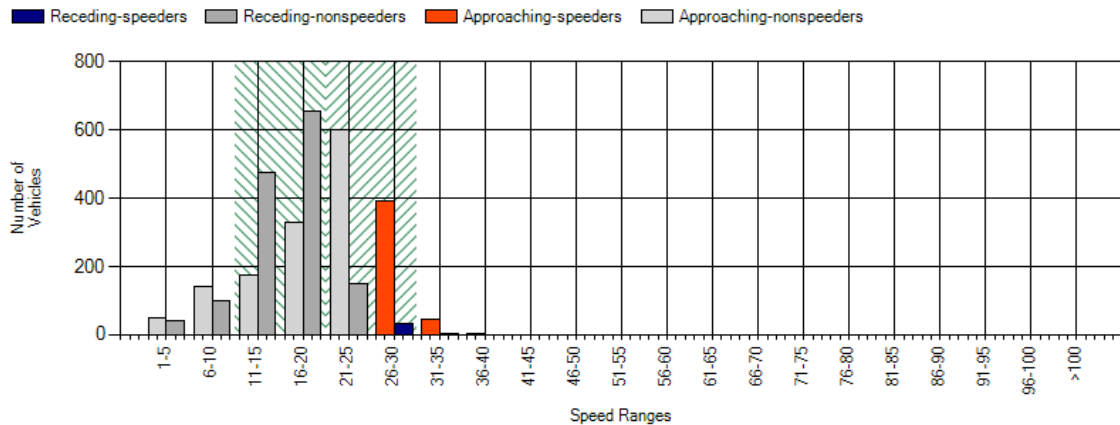


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Total Volume	77	200	234	503	913	583	60	4	0	0	0
% of Total Approaching	2.99%	7.77%	9.09%	19.54%	35.47%	22.65%	2.33%	0.16%	0.00%	0.00%	0.00%
Receding Total Volume	62	130	735	1010	222	49	4	1	1	0	0
% of Total Receding	2.80%	5.87%	33.20%	45.62%	10.03%	2.21%	0.18%	0.05%	0.05%	0.00%	0.00%
Total Volume	139	330	969	1513	1135	632	64	5	1	0	0
% of Total Volume	2.90%	6.89%	20.24%	31.60%	23.71%	13.20%	1.34%	0.10%	0.02%	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 Total Volume	0	0	0	0	0	0	0	0	0	0	2574
% 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	2214
% 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	4788
% 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.

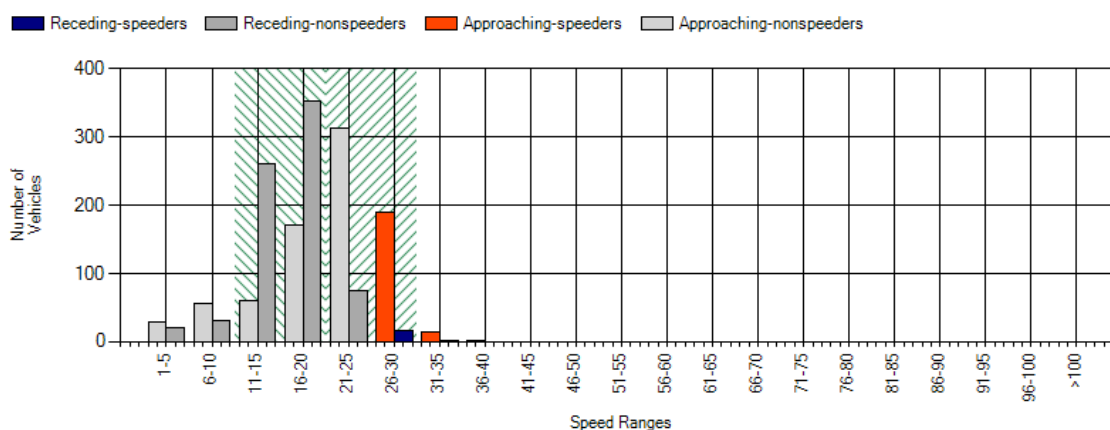


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekday Volume	49	143	174	331	601	393	45	3	0	0	0
% of Weekday Approaching	2.82%	8.22%	10.01%	19.03%	34.56%	22.60%	2.59%	0.17%	0.00%	0.00%	0.00%
% of Total Weekday	1.53%	4.47%	5.44%	10.35%	18.79%	12.29%	1.41%	0.09%	0.00%	0.00%	0.00%
% of Total Approaching	1.90%	5.56%	6.76%	12.86%	23.35%	15.27%	1.75%	0.12%	0.00%	0.00%	0.00%
Receding Weekday Volume	42	99	475	657	148	33	3	1	1	0	0
% of Weekday Receding	2.88%	6.79%	32.56%	45.03%	10.14%	2.26%	0.21%	0.07%	0.07%	0.00%	0.00%
% of Total Weekday	1.31%	3.10%	14.85%	20.54%	4.63%	1.03%	0.09%	0.03%	0.03%	0.00%	0.00%
% of Total Receding	1.90%	4.47%	21.45%	29.67%	6.68%	1.49%	0.14%	0.05%	0.05%	0.00%	0.00%
Weekday Volume	91	242	649	988	749	426	48	4	1	0	0
% of Weekday Volume	2.85%	7.57%	20.29%	30.89%	23.42%	13.32%	1.50%	0.13%	0.03%	0.00%	0.00%
% of Total Volume	1.90%	5.05%	13.55%	20.63%	15.64%	8.90%	1.00%	0.08%	0.02%	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	1739
% 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	1459
% 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	3198
% 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.

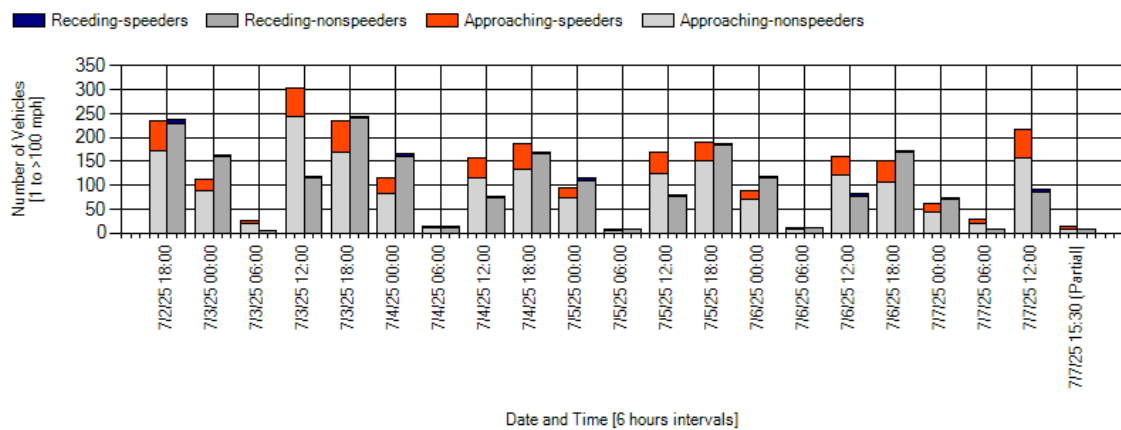


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekend Volume	28	57	60	172	312	190	15	1	0	0	0
% of Weekend Approaching	3.35%	6.83%	7.19%	20.60%	37.37%	22.75%	1.80%	0.12%	0.00%	0.00%	0.00%
% of Total Weekend	1.76%	3.58%	3.77%	10.82%	19.62%	11.95%	0.94%	0.06%	0.00%	0.00%	0.00%
% of Total Approaching	1.09%	2.21%	2.33%	6.68%	12.12%	7.38%	0.58%	0.04%	0.00%	0.00%	0.00%
Receding Weekend Volume	20	31	260	353	74	16	1	0	0	0	0
% of Weekend Receding	2.65%	4.11%	34.44%	46.75%	9.80%	2.12%	0.13%	0.00%	0.00%	0.00%	0.00%
% of Total Weekend	1.26%	1.95%	16.35%	22.20%	4.65%	1.01%	0.06%	0.00%	0.00%	0.00%	0.00%
% of Total Receding	0.90%	1.40%	11.74%	15.94%	3.34%	0.72%	0.05%	0.00%	0.00%	0.00%	0.00%
Weekend Volume	48	88	320	525	386	206	16	1	0	0	0
% of Weekend Volume	3.02%	5.53%	20.13%	33.02%	24.28%	12.96%	1.01%	0.06%	0.00%	0.00%	0.00%
% of Total Volume	1.00%	1.84%	6.68%	10.96%	8.06%	4.30%	0.33%	0.02%	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 Weekend Volume	0	0	0	0	0	0	0	0	0	0	835
% 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	755
% 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	1590
% 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%	--

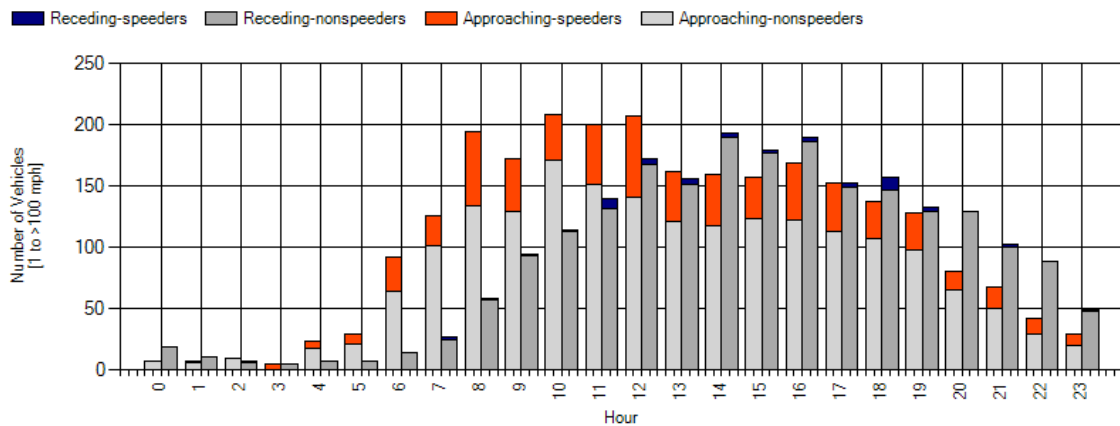
Volume - By Time

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

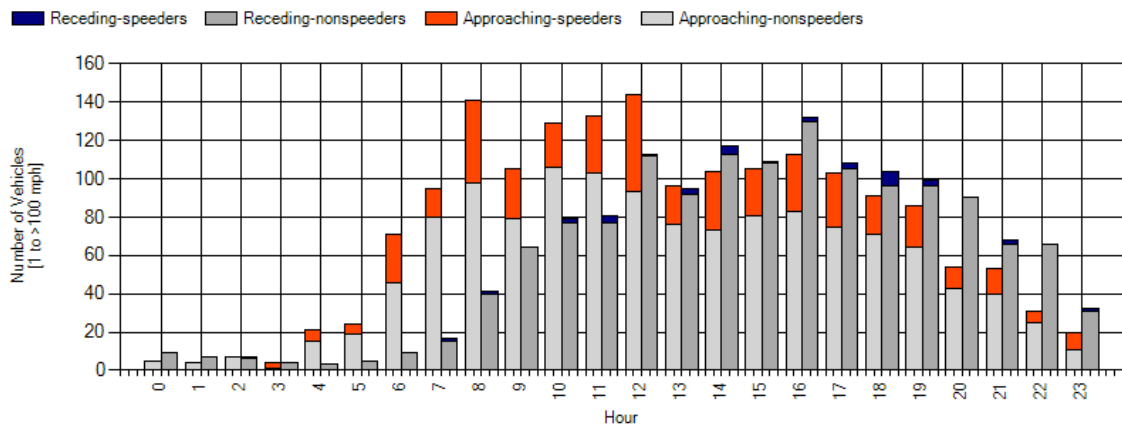
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	8	0	16	25	16	16
0	Receding	19	0	15	22	15	17
1	Approaching	7	1	12	26	12	15
1	Receding	11	0	15	18	15	15
2	Approaching	10	0	6	20	8	11
2	Receding	8	1	17	35	17	19
3	Approaching	5	4	27	30	27	27
3	Receding	5	0	11	17	11	11
4	Approaching	24	6	17	36	19	24
4	Receding	8	0	14	22	14	15
5	Approaching	29	8	20	32	20	22
5	Receding	7	0	11	21	11	11
6	Approaching	92	28	23	34	22	25
6	Receding	15	0	16	21	16	16
7	Approaching	126	24	22	33	22	26
7	Receding	27	2	16	29	16	17
8	Approaching	195	61	22	34	22	26
8	Receding	59	2	16	30	16	19
9	Approaching	172	43	21	33	20	26
9	Receding	95	1	15	29	15	18
10	Approaching	209	38	21	35	20	25
10	Receding	115	2	16	28	16	19
11	Approaching	201	49	20	31	20	26
11	Receding	140	8	17	31	17	21
12	Approaching	208	67	22	35	22	27
12	Receding	172	4	16	27	16	20
13	Approaching	162	41	21	38	20	26
13	Receding	156	4	16	29	16	20
14	Approaching	160	42	20	34	20	25
14	Receding	194	4	16	28	15	19
15	Approaching	158	34	21	35	20	26
15	Receding	179	2	16	28	16	19
16	Approaching	169	47	21	40	21	27
16	Receding	190	4	17	28	17	21
17	Approaching	153	40	21	34	20	26
17	Receding	153	4	17	27	17	20
18	Approaching	138	31	20	32	20	25
18	Receding	158	11	17	42	17	21
19	Approaching	128	30	21	32	20	25
19	Receding	133	3	16	26	16	20
20	Approaching	81	15	21	35	20	24
20	Receding	129	0	16	23	16	19
21	Approaching	68	17	20	33	18	23
21	Receding	103	2	15	31	15	19
22	Approaching	42	12	20	33	20	22
22	Receding	89	0	15	22	15	17
23	Approaching	29	9	21	30	19	23
23	Receding	49	1	15	26	15	17

Volume - By Weekday Hour

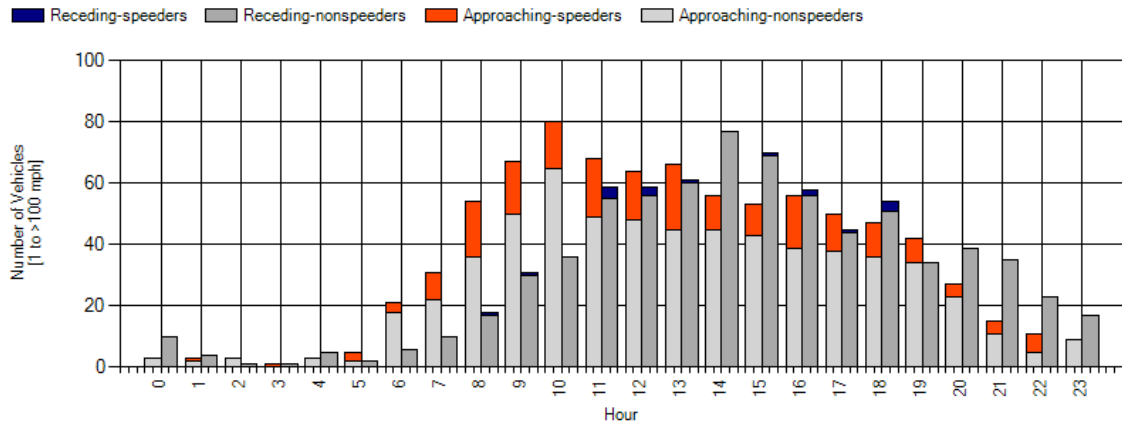
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekday Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	5	0	18	25	18	18
0	Receding	9	0	15	22	15	17
1	Approaching	4	0	8	21	8	12
1	Receding	7	0	14	18	14	14
2	Approaching	7	0	5	20	7	12
2	Receding	7	1	17	35	17	19
3	Approaching	4	3	27	30	27	27
3	Receding	4	0	10	17	10	10
4	Approaching	21	6	19	36	20	24
4	Receding	3	0	13	21	13	13
5	Approaching	24	5	19	32	19	22
5	Receding	5	0	14	21	14	14
6	Approaching	71	25	23	34	22	26
6	Receding	9	0	15	18	15	16
7	Approaching	95	15	21	33	21	26
7	Receding	17	2	15	29	15	17
8	Approaching	141	43	22	34	22	26
8	Receding	41	1	16	26	16	18
9	Approaching	105	26	21	30	20	26
9	Receding	64	0	15	23	15	18
10	Approaching	129	23	20	35	19	26
10	Receding	79	2	15	28	15	19
11	Approaching	133	30	20	31	20	25
11	Receding	81	4	16	31	17	20
12	Approaching	144	51	22	35	22	27
12	Receding	113	1	16	26	15	19
13	Approaching	96	20	20	33	20	26
13	Receding	95	3	16	29	16	20
14	Approaching	104	31	21	34	20	26
14	Receding	117	4	16	28	15	20
15	Approaching	105	24	21	35	20	26
15	Receding	109	1	16	28	16	20
16	Approaching	113	30	21	40	21	27
16	Receding	132	2	17	28	17	21
17	Approaching	103	28	21	34	20	26
17	Receding	108	3	17	27	17	20
18	Approaching	91	20	20	32	19	24
18	Receding	104	8	18	42	17	22
19	Approaching	86	22	22	32	21	26
19	Receding	99	3	16	26	16	20
20	Approaching	54	11	21	35	21	24
20	Receding	90	0	16	23	16	19
21	Approaching	53	13	20	33	18	23
21	Receding	68	2	15	31	15	20
22	Approaching	31	6	19	33	18	21
22	Receding	66	0	15	21	15	17
23	Approaching	20	9	22	30	20	25
23	Receding	32	1	16	26	15	17

Volume - By Weekend Hour

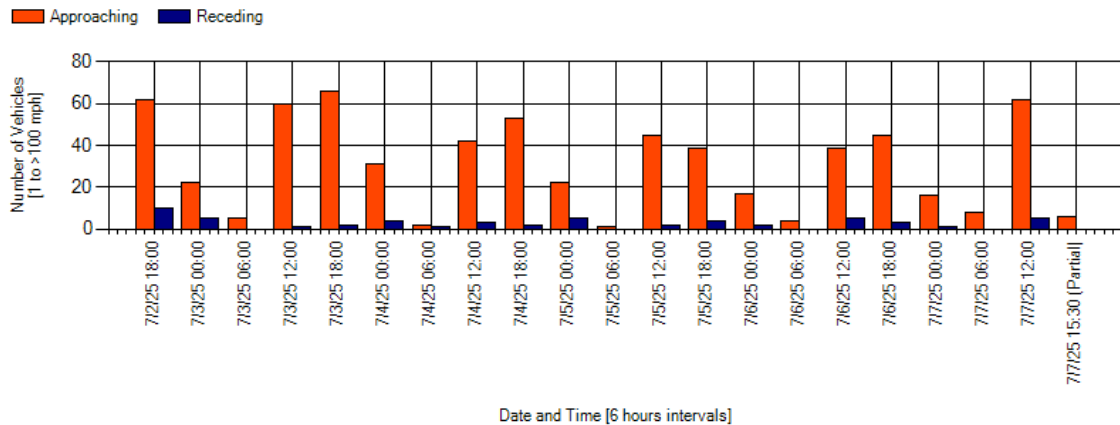
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekend Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	3	0	12	20	12	12
0	Receding	10	0	16	19	16	16
1	Approaching	3	1	17	26	17	19
1	Receding	4	0	16	18	16	17
2	Approaching	3	0	9	14	9	9
2	Receding	1	0	18	18	18	18
3	Approaching	1	1	27	27	27	27
3	Receding	1	0	16	16	16	16
4	Approaching	3	0	5	23	11	23
4	Receding	5	0	15	22	15	16
5	Approaching	5	3	24	28	24	24
5	Receding	2	0	4	4	4	4
6	Approaching	21	3	19	31	20	22
6	Receding	6	0	17	21	17	17
7	Approaching	31	9	23	31	22	25
7	Receding	10	0	16	19	16	17
8	Approaching	54	18	22	31	22	25
8	Receding	18	1	17	30	17	19
9	Approaching	67	17	21	33	20	26
9	Receding	31	1	16	29	16	18
10	Approaching	80	15	21	30	20	25
10	Receding	36	0	17	25	17	19
11	Approaching	68	19	21	31	20	26
11	Receding	59	4	17	29	17	23
12	Approaching	64	16	23	33	22	26
12	Receding	59	3	16	27	16	21
13	Approaching	66	21	21	38	21	27
13	Receding	61	1	16	26	16	19
14	Approaching	56	11	19	31	19	25
14	Receding	77	0	15	23	15	18
15	Approaching	53	10	22	31	21	25
15	Receding	70	1	16	26	15	19
16	Approaching	56	17	22	32	22	26
16	Receding	58	2	16	27	16	20
17	Approaching	50	12	20	30	20	24
17	Receding	45	1	16	26	17	19
18	Approaching	47	11	22	30	21	26
18	Receding	54	3	17	31	17	20
19	Approaching	42	8	19	30	19	24
19	Receding	34	0	16	20	16	17
20	Approaching	27	4	21	30	20	25
20	Receding	39	0	16	22	15	18
21	Approaching	15	4	19	27	18	22
21	Receding	35	0	16	25	15	18
22	Approaching	11	6	24	30	24	27
22	Receding	23	0	15	22	14	17
23	Approaching	9	0	17	25	16	18
23	Receding	17	0	15	23	15	17

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

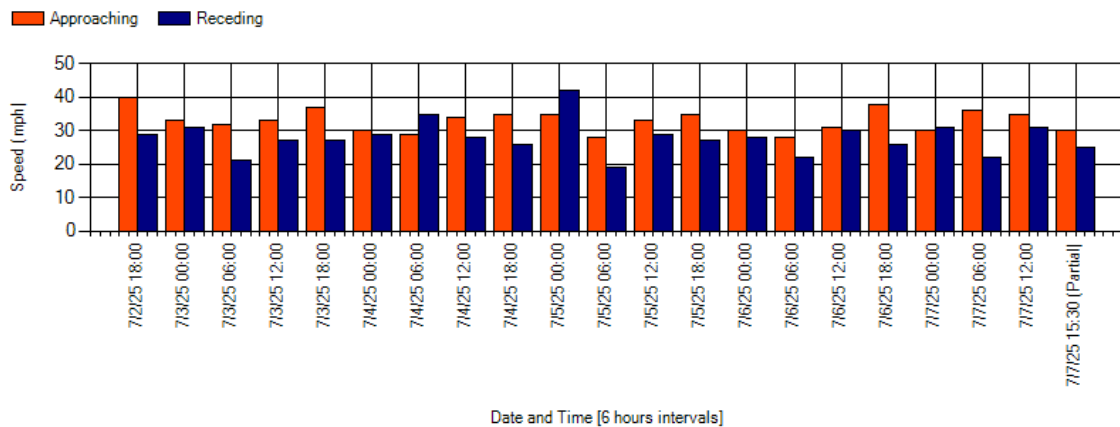
Speeding Statistics		10 MPH Pace		# Exceeding Limit			
Posted Limit	25 mph	Pace Speed	21 to 30 mph	Speed	26 to 35 mph	36 to 45 mph	46+ mph
# At/Under Limit	1927	# In Pace	4	Volume	643	4	0
# Over Limit	647	% In Pace	0.16%	Percent	24.98%	0.16%	0.00%
Average Speed	20 mph						
85th % Speed (weighted)	25 mph						

Receding Breakdown

Speeding Statistics		10 MPH Pace		# Exceeding Limit			
Posted Limit	25 mph	Pace Speed	11 to 20 mph	Speed	26 to 35 mph	36 to 45 mph	46+ mph
# At/Under Limit	2159	# In Pace	7	Volume	53	2	0
# Over Limit	55	% In Pace	0.32%	Percent	2.39%	0.09%	0.00%
Average Speed	16 mph						
85th % Speed (weighted)	19 mph						

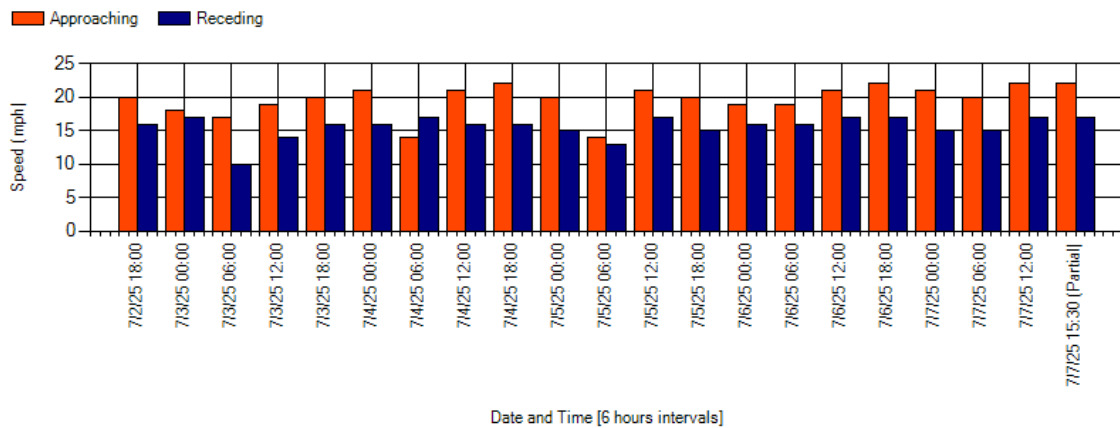
Speed - Maximum Speed

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.



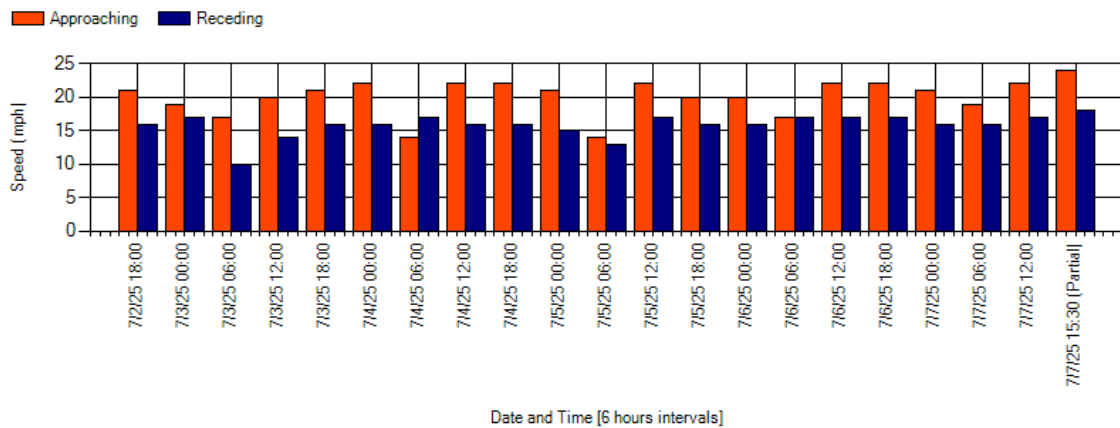
Speed - Average Speed

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.



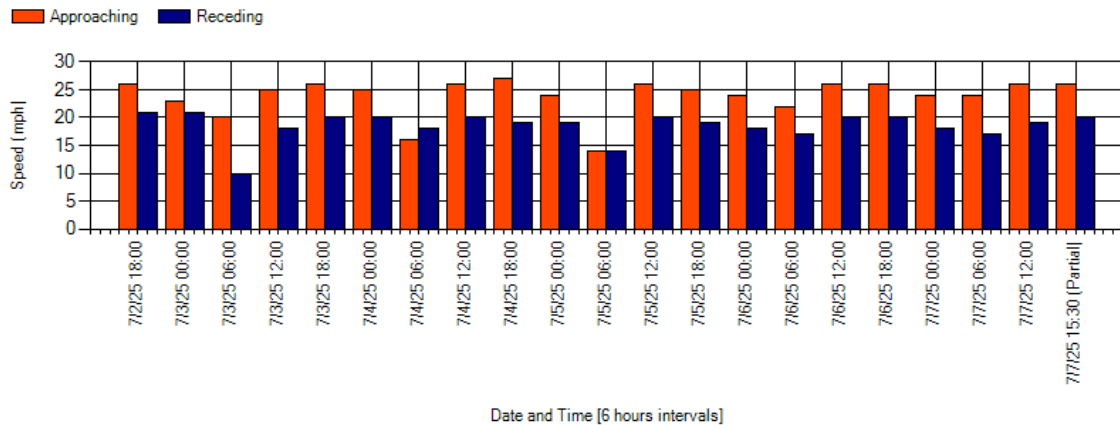
Speed - Median Speed

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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