

# SMARTstat™ Analysis Report

Winchester RT44 at Dry Dam Road

Thu Apr 17, 2025 14:57  
to Thu Apr 24, 2025 13:10

File: 32000047.csv

Date Created: Thursday, July 17, 2025

Generator: 1.00.004 (01700105)

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## Summary

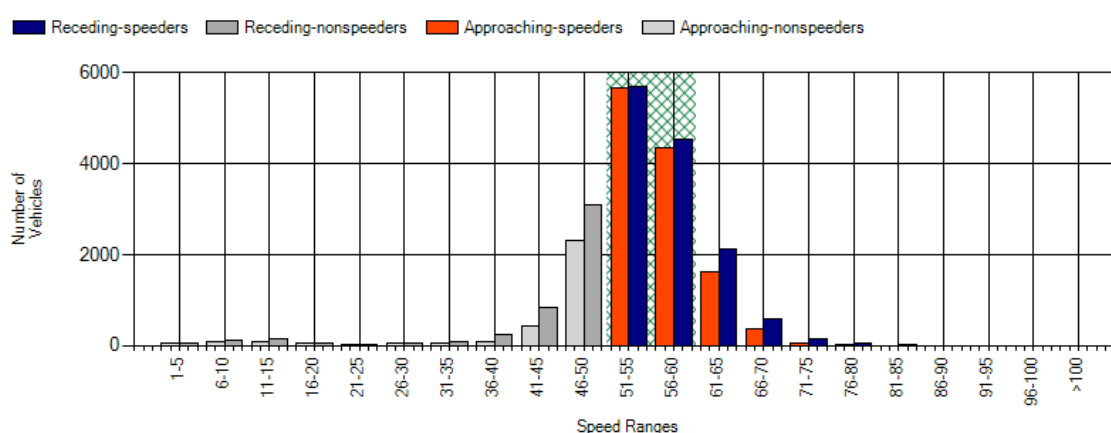
Study Summary for file 32000047.csv

# Traffic Analysis Report

Result Description		
File:	32000047.csv	
Study Title:	Winchester RT44 at Dry Dam Road	
Study Run Dates:	2025/04/17 14:57:15 to 2025/04/24 13:10:00	
Total Study Time:	6 Days 22 Hours 12 Minutes	
Study Download Time:	2025/04/24 13:18:14	
Study Location:		
Study GPS Location:	Unknown	
Study Timing Interval:	5 minute blocks	
Study Total # of Vehicles:	33301	
Study Posted Speed Limit:	50 mph	
Study Total # of Speeders:	25303	
Approaching Traffic	# of Vehicles:	15384
	# of Speeders:	12110
	Maximum Speed:	89 mph
	Average Speed:	53 mph
	Median Speed:	54 mph
	85th Pecentile Speed:	59 mph
	10 MPH Pace:	51 to 60 mph
Receding Traffic	# of Vehicles:	17917
	# of Speeders:	13193
	Maximum Speed:	148 mph
	Average Speed:	53 mph
	Median Speed:	54 mph
	85th Pecentile Speed:	60 mph
	10 MPH Pace:	51 to 60 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.

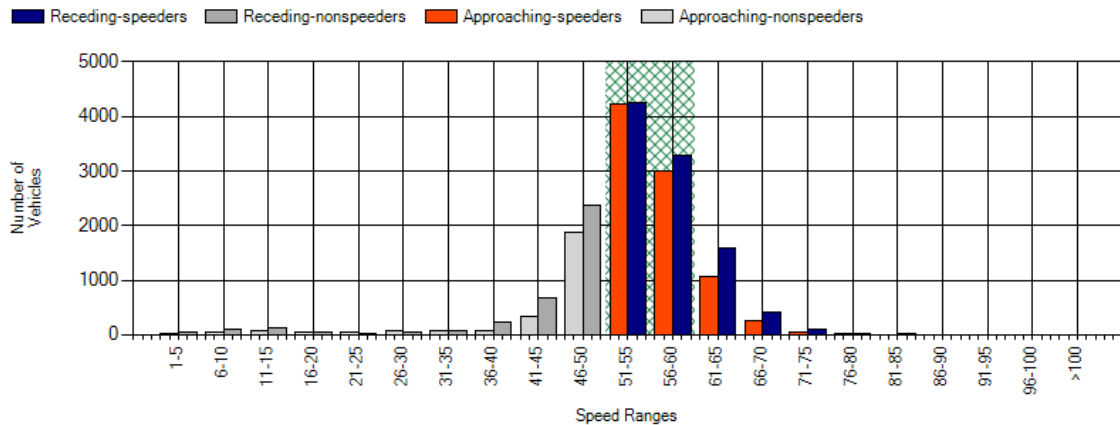


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Total Volume	52	93	78	49	42	69	71	82	419	2319	5661
% of Total Approaching	0.34%	0.60%	0.51%	0.32%	0.27%	0.45%	0.46%	0.53%	2.72%	15.07%	36.80%
Receding Total Volume	45	126	137	53	25	46	94	250	852	3096	5699
% of Total Receding	0.25%	0.70%	0.76%	0.30%	0.14%	0.26%	0.52%	1.40%	4.76%	17.28%	31.81%
Total Volume	97	219	215	102	67	115	165	332	1271	5415	11360
% of Total Volume	0.29%	0.66%	0.65%	0.31%	0.20%	0.35%	0.50%	1.00%	3.82%	16.26%	34.11%

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	4340	1623	382	64	30	8	2	0	0	0	15384
% of Total Approaching	28.21%	10.55%	2.48%	0.42%	0.20%	0.05%	0.01%	0.00%	0.00%	0.00%	--
Receding Total Volume	4524	2136	599	151	51	19	3	0	2	9	17917
% of Total Receding	25.25%	11.92%	3.34%	0.84%	0.28%	0.11%	0.02%	0.00%	0.01%	0.05%	--
Total Volume	8864	3759	981	215	81	27	5	0	2	9	33301
% of Total Volume	26.62%	11.29%	2.95%	0.65%	0.24%	0.08%	0.02%	0.00%	0.01%	0.03%	--

## 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.

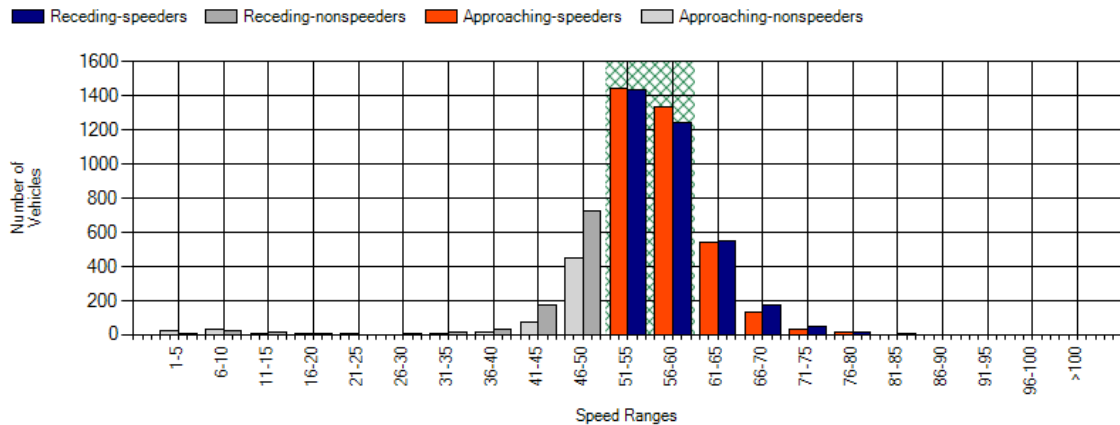


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekday Volume	32	61	71	45	38	68	63	67	348	1871	4214
% of Weekday Approaching	0.28%	0.54%	0.63%	0.40%	0.34%	0.60%	0.56%	0.59%	3.09%	16.60%	37.39%
% of Total Weekday	0.13%	0.25%	0.29%	0.18%	0.15%	0.28%	0.25%	0.27%	1.41%	7.57%	17.06%
% of Total Approaching	0.21%	0.40%	0.46%	0.29%	0.25%	0.44%	0.41%	0.44%	2.26%	12.16%	27.39%
Receding Weekday Volume	37	105	121	49	23	43	79	220	676	2370	4265
% of Weekday Receding	0.28%	0.78%	0.90%	0.36%	0.17%	0.32%	0.59%	1.64%	5.03%	17.64%	31.74%
% of Total Weekday	0.15%	0.42%	0.49%	0.20%	0.09%	0.17%	0.32%	0.89%	2.74%	9.59%	17.26%
% of Total Receding	0.21%	0.59%	0.68%	0.27%	0.13%	0.24%	0.44%	1.23%	3.77%	13.23%	23.80%
Weekday Volume	69	166	192	94	61	111	142	287	1024	4241	8479
% of Weekday Volume	0.28%	0.67%	0.78%	0.38%	0.25%	0.45%	0.57%	1.16%	4.14%	17.17%	34.32%
% of Total Volume	0.21%	0.50%	0.58%	0.28%	0.18%	0.33%	0.43%	0.86%	3.07%	12.74%	25.46%

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	3004	1079	248	36	18	6	1	0	0	0	11270
% of Weekday Approaching	26.65%	9.57%	2.20%	0.32%	0.16%	0.05%	0.01%	0.00%	0.00%	0.00%	--
% of Total Weekday	12.16%	4.37%	1.00%	0.15%	0.07%	0.02%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	19.53%	7.01%	1.61%	0.23%	0.12%	0.04%	0.01%	0.00%	0.00%	0.00%	--
Receding Weekday Volume	3280	1583	421	104	35	14	2	0	2	7	13436
% of Weekday Receding	24.41%	11.78%	3.13%	0.77%	0.26%	0.10%	0.01%	0.00%	0.01%	0.05%	--
% of Total Weekday	13.28%	6.41%	1.70%	0.42%	0.14%	0.06%	0.01%	0.00%	0.01%	0.03%	--
% of Total Receding	18.31%	8.84%	2.35%	0.58%	0.20%	0.08%	0.01%	0.00%	0.01%	0.04%	--
Weekday Volume	6284	2662	669	140	53	20	3	0	2	7	24706
% of Weekday Volume	25.44%	10.77%	2.71%	0.57%	0.21%	0.08%	0.01%	0.00%	0.01%	0.03%	--
% of Total Volume	18.87%	7.99%	2.01%	0.42%	0.16%	0.06%	0.01%	0.00%	0.01%	0.02%	--

## 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.

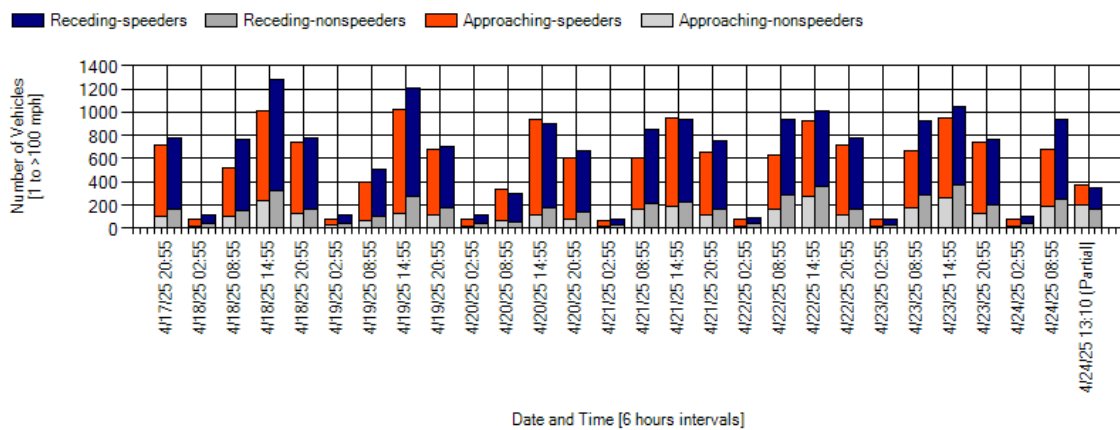


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekend Volume	20	32	7	4	4	1	8	15	71	448	1447
% of Weekend Approaching	0.49%	0.78%	0.17%	0.10%	0.10%	0.02%	0.19%	0.36%	1.73%	10.89%	35.17%
% of Total Weekend	0.23%	0.37%	0.08%	0.05%	0.05%	0.01%	0.09%	0.17%	0.83%	5.21%	16.84%
% of Total Approaching	0.13%	0.21%	0.05%	0.03%	0.03%	0.01%	0.05%	0.10%	0.46%	2.91%	9.41%
Receding Weekend Volume	8	21	16	4	2	3	15	30	176	726	1434
% of Weekend Receding	0.18%	0.47%	0.36%	0.09%	0.04%	0.07%	0.33%	0.67%	3.93%	16.20%	32.00%
% of Total Weekend	0.09%	0.24%	0.19%	0.05%	0.02%	0.03%	0.17%	0.35%	2.05%	8.45%	16.68%
% of Total Receding	0.04%	0.12%	0.09%	0.02%	0.01%	0.02%	0.08%	0.17%	0.98%	4.05%	8.00%
Weekend Volume	28	53	23	8	6	4	23	45	247	1174	2881
% of Weekend Volume	0.33%	0.62%	0.27%	0.09%	0.07%	0.05%	0.27%	0.52%	2.87%	13.66%	33.52%
% of Total Volume	0.08%	0.16%	0.07%	0.02%	0.02%	0.01%	0.07%	0.14%	0.74%	3.53%	8.65%

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	1336	544	134	28	12	2	1	0	0	0	4114
% of Weekend Approaching	32.47%	13.22%	3.26%	0.68%	0.29%	0.05%	0.02%	0.00%	0.00%	0.00%	--
% of Total Weekend	15.54%	6.33%	1.56%	0.33%	0.14%	0.02%	0.01%	0.00%	0.00%	0.00%	--
% of Total Approaching	8.68%	3.54%	0.87%	0.18%	0.08%	0.01%	0.01%	0.00%	0.00%	0.00%	--
Receding Weekend Volume	1244	553	178	47	16	5	1	0	0	2	4481
% of Weekend Receding	27.76%	12.34%	3.97%	1.05%	0.36%	0.11%	0.02%	0.00%	0.00%	0.04%	--
% of Total Weekend	14.47%	6.43%	2.07%	0.55%	0.19%	0.06%	0.01%	0.00%	0.00%	0.02%	--
% of Total Receding	6.94%	3.09%	0.99%	0.26%	0.09%	0.03%	0.01%	0.00%	0.00%	0.01%	--
Weekend Volume	2580	1097	312	75	28	7	2	0	0	2	8595
% of Weekend Volume	30.02%	12.76%	3.63%	0.87%	0.33%	0.08%	0.02%	0.00%	0.00%	0.02%	--
% of Total Volume	7.75%	3.29%	0.94%	0.23%	0.08%	0.02%	0.01%	0.00%	0.00%	0.01%	--

## Volume - By Time

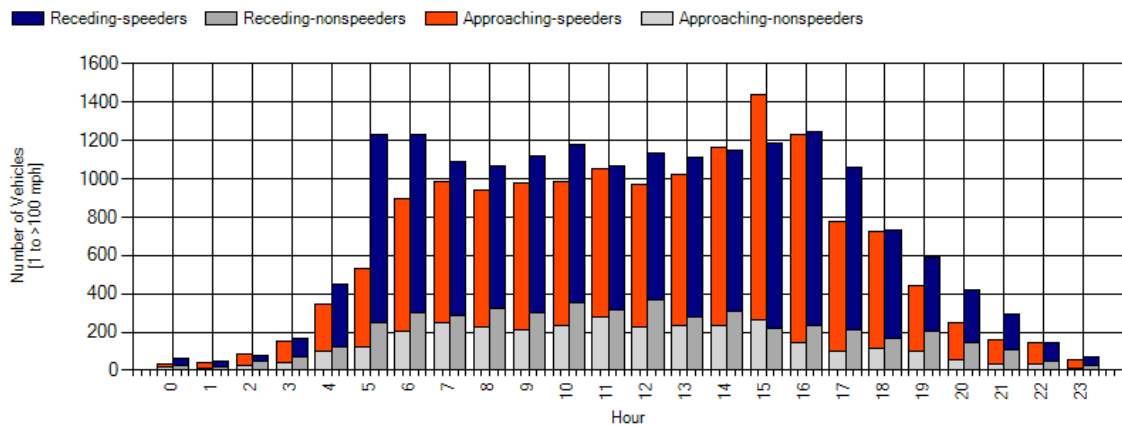
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.





## Volume - By Hour

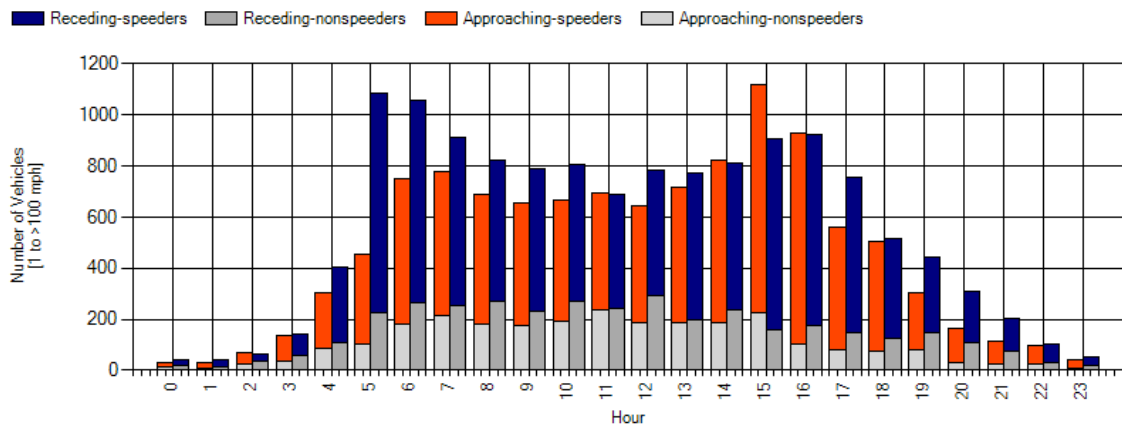
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	36	19	52	66	52	56
0	Receding	65	37	52	67	52	54
1	Approaching	42	30	53	79	53	56
1	Receding	50	30	50	66	51	54
2	Approaching	83	59	52	79	52	57
2	Receding	77	32	49	68	49	52
3	Approaching	152	114	54	78	54	57
3	Receding	166	96	52	67	51	56
4	Approaching	345	243	54	81	53	58
4	Receding	451	328	54	78	54	61
5	Approaching	528	407	54	76	54	59
5	Receding	1228	978	55	85	55	62
6	Approaching	895	688	55	86	54	60
6	Receding	1230	928	55	104	54	61
7	Approaching	982	732	53	76	53	58
7	Receding	1086	801	54	101	54	61
8	Approaching	940	717	54	74	53	60
8	Receding	1065	744	54	80	53	60
9	Approaching	977	766	54	72	53	59
9	Receding	1116	815	54	79	53	60
10	Approaching	985	752	54	79	52	58
10	Receding	1181	827	54	80	53	60
11	Approaching	1053	776	52	79	51	57
11	Receding	1068	752	54	81	52	60
12	Approaching	967	743	54	80	53	59
12	Receding	1135	767	52	85	50	59
13	Approaching	1026	792	54	81	53	59
13	Receding	1114	832	54	105	53	60
14	Approaching	1162	928	54	73	54	60
14	Receding	1150	845	54	148	53	61
15	Approaching	1436	1169	55	78	54	59
15	Receding	1189	969	55	83	54	61
16	Approaching	1233	1085	56	82	55	60
16	Receding	1249	1012	55	119	54	61
17	Approaching	776	673	56	74	55	61
17	Receding	1057	848	55	114	54	61
18	Approaching	725	607	56	89	55	61
18	Receding	729	565	55	81	54	61
19	Approaching	439	341	55	77	54	61
19	Receding	590	389	53	104	52	59
20	Approaching	247	193	56	73	55	59
20	Receding	417	271	53	90	53	61
21	Approaching	159	123	55	78	55	60
21	Receding	291	183	53	110	53	61
22	Approaching	143	111	55	77	55	59
22	Receding	146	101	53	77	53	59
23	Approaching	53	42	56	75	56	58
23	Receding	67	43	52	96	52	56

## Volume - By Weekday Hour

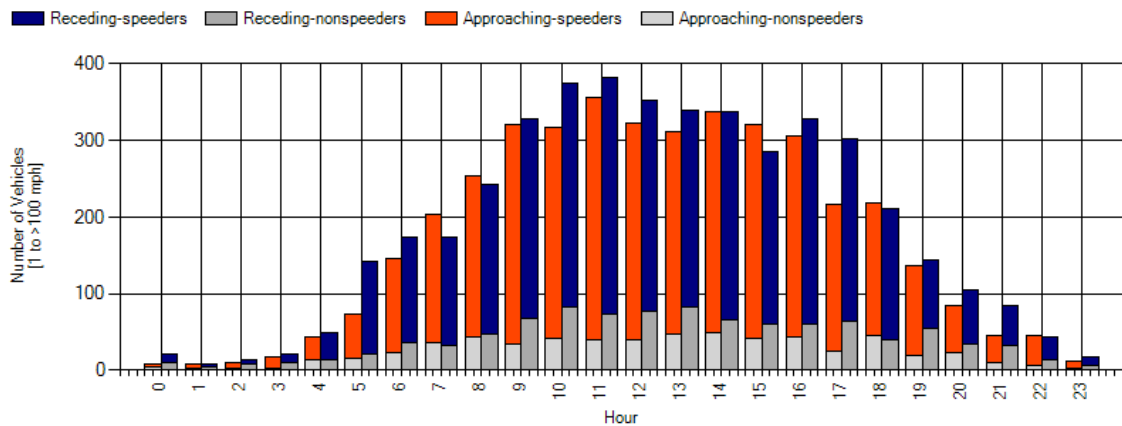
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekday Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	28	15	52	66	52	57
0	Receding	43	25	52	67	52	54
1	Approaching	33	23	53	79	53	56
1	Receding	42	26	50	62	51	54
2	Approaching	72	50	51	79	51	57
2	Receding	64	27	49	68	49	52
3	Approaching	135	99	54	64	53	57
3	Receding	144	84	52	67	51	57
4	Approaching	302	214	54	72	53	58
4	Receding	402	293	54	78	54	61
5	Approaching	454	349	54	73	54	59
5	Receding	1086	858	55	85	55	62
6	Approaching	750	567	54	85	53	60
6	Receding	1056	791	55	104	54	61
7	Approaching	779	566	53	70	53	58
7	Receding	912	660	54	101	54	61
8	Approaching	686	506	53	74	53	59
8	Receding	822	549	53	80	52	60
9	Approaching	657	481	54	68	53	59
9	Receding	788	554	54	75	52	60
10	Approaching	668	476	53	79	51	57
10	Receding	807	535	53	80	52	60
11	Approaching	697	460	50	79	49	55
11	Receding	686	443	53	81	50	60
12	Approaching	644	459	53	74	52	58
12	Receding	783	492	51	85	48	58
13	Approaching	715	528	53	81	52	58
13	Receding	774	575	54	85	52	60
14	Approaching	825	640	54	73	53	59
14	Receding	812	573	54	148	52	60
15	Approaching	1116	890	54	78	53	59
15	Receding	904	745	55	82	54	61
16	Approaching	927	822	56	82	55	60
16	Receding	921	744	55	119	55	61
17	Approaching	559	481	55	74	55	60
17	Receding	755	610	55	83	54	61
18	Approaching	506	433	56	89	55	62
18	Receding	518	394	55	74	54	61
19	Approaching	303	224	55	77	53	61
19	Receding	446	300	53	104	52	59
20	Approaching	162	131	56	73	55	60
20	Receding	312	201	53	90	53	61
21	Approaching	114	88	55	78	55	59
21	Receding	206	130	53	110	53	61
22	Approaching	97	72	55	77	55	59
22	Receding	103	72	53	77	53	59
23	Approaching	41	32	56	75	56	58
23	Receding	50	32	52	96	52	57

## Volume - By Weekend Hour

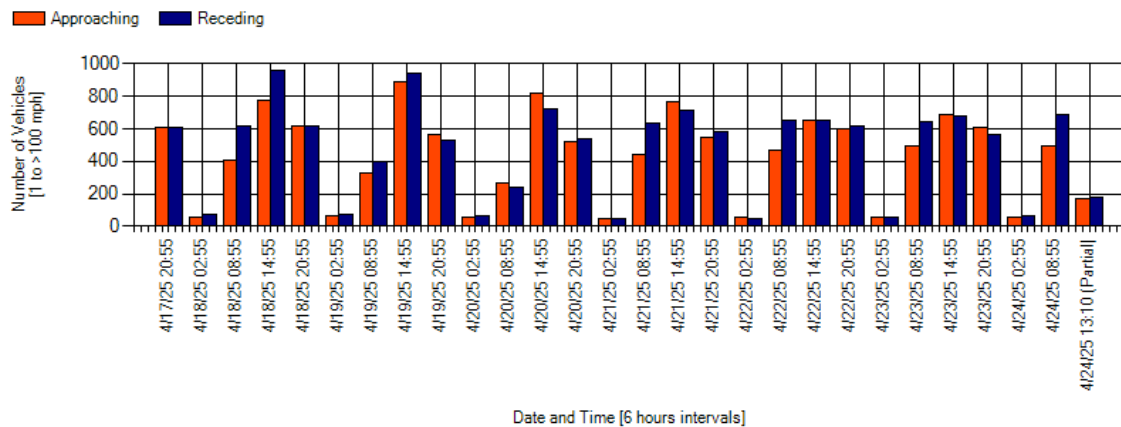
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekend Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	8	4	52	65	52	54
0	Receding	22	12	51	66	52	54
1	Approaching	9	7	51	68	52	55
1	Receding	8	4	52	66	52	52
2	Approaching	11	9	58	76	58	58
2	Receding	13	5	48	59	48	48
3	Approaching	17	15	57	78	57	59
3	Receding	22	12	52	67	52	54
4	Approaching	43	29	55	81	53	59
4	Receding	49	35	53	76	54	62
5	Approaching	74	58	55	76	54	59
5	Receding	142	120	56	79	55	61
6	Approaching	145	121	56	86	55	61
6	Receding	174	137	56	74	55	62
7	Approaching	203	166	54	76	54	60
7	Receding	174	141	56	78	56	60
8	Approaching	254	211	55	74	55	61
8	Receding	243	195	55	74	54	61
9	Approaching	320	285	55	72	55	60
9	Receding	328	261	55	79	54	61
10	Approaching	317	276	56	73	54	62
10	Receding	374	292	55	73	54	61
11	Approaching	356	316	56	79	55	60
11	Receding	382	309	56	75	55	61
12	Approaching	323	284	56	80	55	60
12	Receding	352	275	55	81	55	63
13	Approaching	311	264	55	71	54	61
13	Receding	340	257	55	105	55	62
14	Approaching	337	288	55	69	54	60
14	Receding	338	272	55	72	55	61
15	Approaching	320	279	55	77	55	61
15	Receding	285	224	55	83	55	63
16	Approaching	306	263	56	81	55	61
16	Receding	328	268	55	78	53	61
17	Approaching	217	192	56	74	56	62
17	Receding	302	238	55	114	55	61
18	Approaching	219	174	55	73	54	60
18	Receding	211	171	54	81	55	61
19	Approaching	136	117	56	75	56	62
19	Receding	144	89	52	71	51	58
20	Approaching	85	62	55	67	54	58
20	Receding	105	70	53	79	52	60
21	Approaching	45	35	55	76	55	62
21	Receding	85	53	53	86	53	61
22	Approaching	46	39	56	77	55	60
22	Receding	43	29	54	75	53	59
23	Approaching	12	10	56	67	56	57
23	Receding	17	11	53	68	53	55

## Volume - Total Speeders

The following graph shows the breakdown of all speeding vehicles tracked in this study based on the posted speed limit entered (50 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

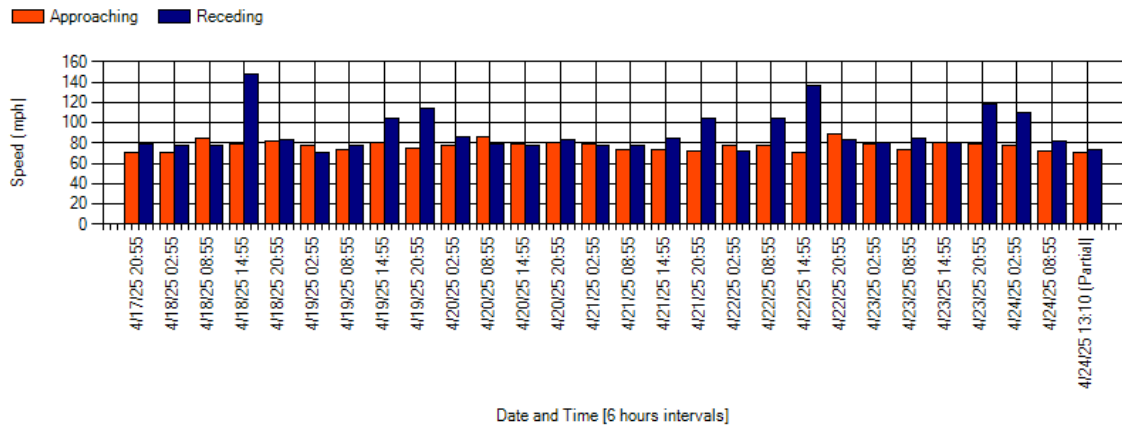
Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	50 mph	Pace Speed	51 to 60 mph	Speed	51 to 60 mph	61 to 70 mph	71+ mph	Total
# At/Under Limit	3274	# In Pace	6	Volume	10001	2005	104	12110
# Over Limit	12110	% In Pace	0.04%	Percent	65.01%	13.03%	0.68%	78.72%
Average Speed	53 mph							
85th % Speed (weighted)	59 mph							

## Receding Breakdown

Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	50 mph	Pace Speed	51 to 60 mph	Speed	51 to 60 mph	61 to 70 mph	71+ mph	Total
# At/Under Limit	4724	# In Pace	5	Volume	10223	2735	235	13193
# Over Limit	13193	% In Pace	0.03%	Percent	57.06%	15.26%	1.31%	73.63%
Average Speed	53 mph							
85th % Speed (weighted)	60 mph							

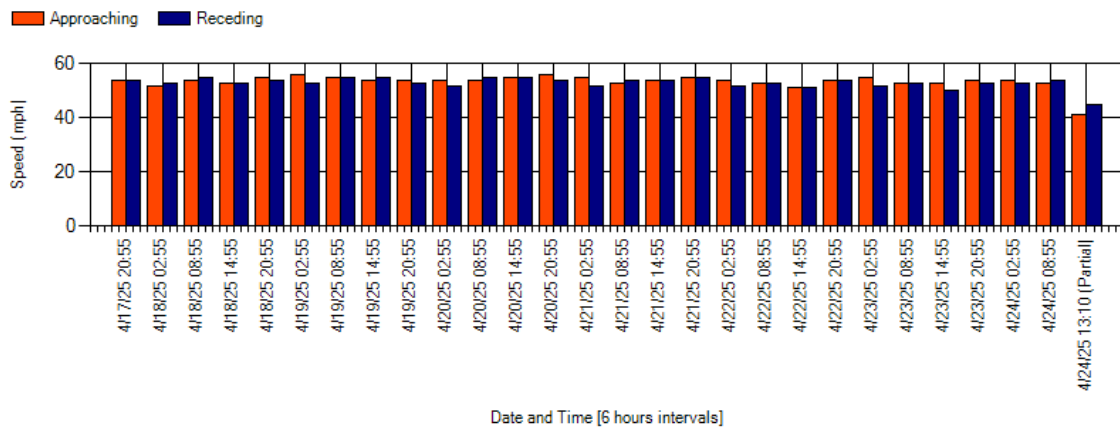
## Speed - Maximum Speed

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.



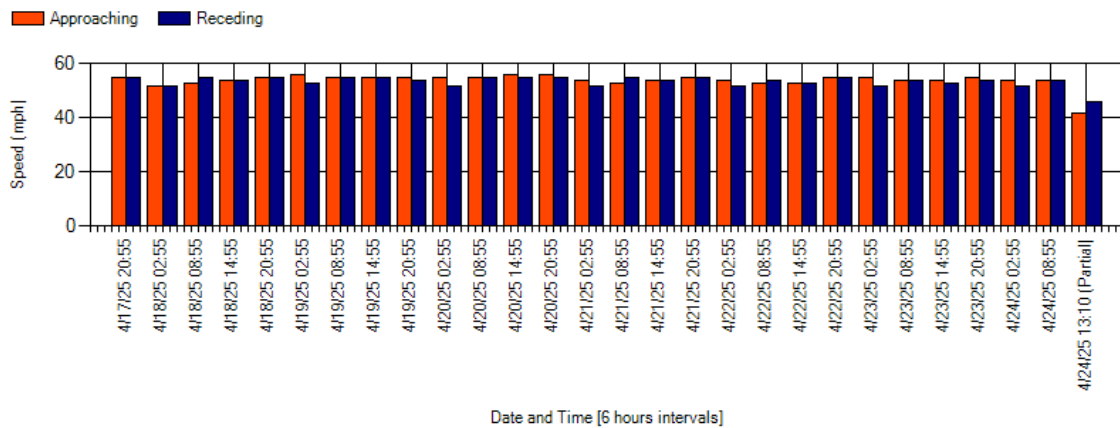
## Speed - Average Speed

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.



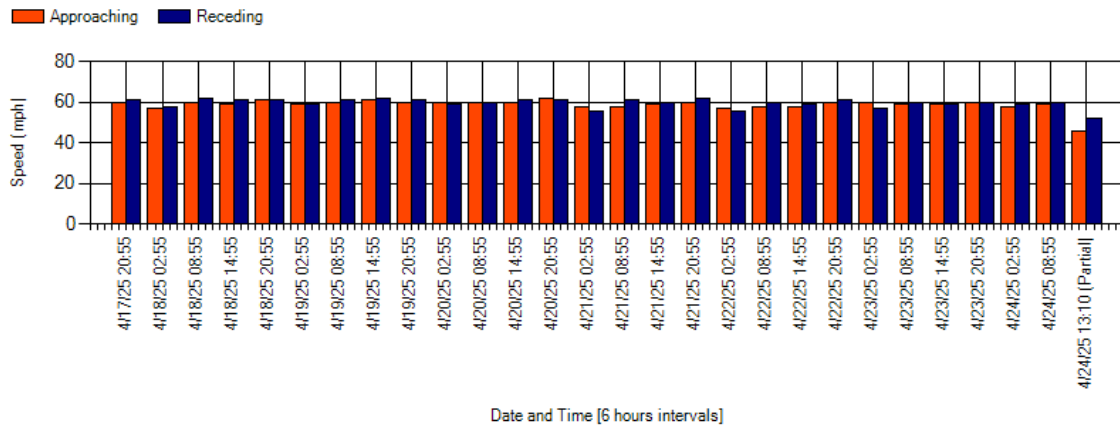
## Speed - Median Speed

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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