

SpeedView Analysis Report

Redwood Road & 150th S, Feb 24-Mar 2, 2022
[Corrected]

Fri Feb 25, 2022 15:58
to Wed Mar 2, 2022 17:30

File: 02530079.csv

Date Created: Wednesday, March 9, 2022

Generator: 01986208

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Summary

Study Summary for file 02530079.csv

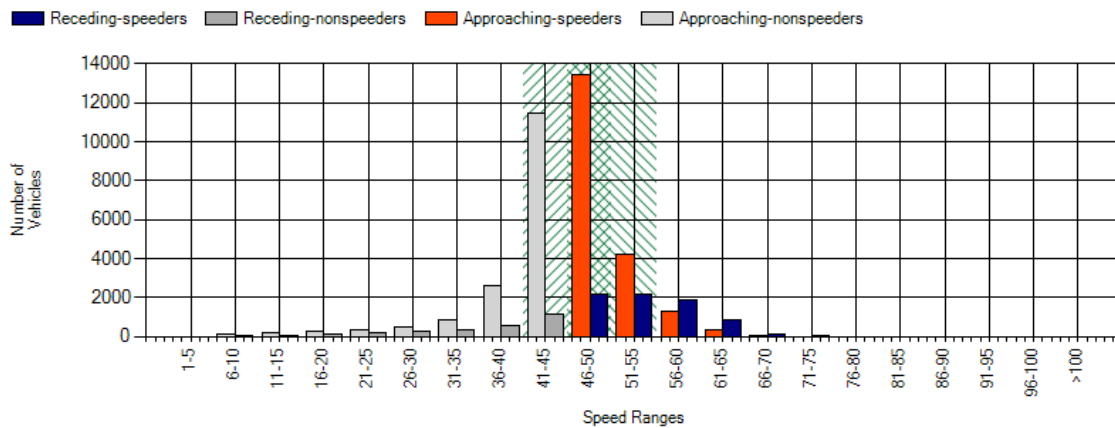
Speed trailer was placed at the aforementioned location monitoring south bound traffic. This location features a slight incline and is 0.5 miles from the 14600 S signal. The posted speed limit is 45mph (72kmh). This study featured an array of weather conditions from dry and 55F to winter weather conditions.

Traffic Analysis Report

Result Description		
File:	02530079.csv	
Study Title:	Redwood Road & 150th S, Feb 24-Mar 2, 2022 [Corrected]	
Study Run Dates:	2022/02/25 15:58:24 to 2022/03/02 17:30:00	
Total Study Time:	5 Days 1 Hours 31 Minutes	
Study Download Time:	2022/03/09 16:27:58	
Study Location:	Redwood Rd & 15000 S, South Bound Traffic, 40.479020,-111.944968	
Study GPS Location:	Unknown	
Study Timing Interval:	10 minute blocks	
Study Total # of Vehicles:	46052	
Study Posted Speed Limit:	45 mph	
Study Total # of Speeders:	26707	
Approaching Traffic	# of Vehicles:	35824
	# of Speeders:	19367
	Maximum Speed:	83 mph
	Average Speed:	45 mph
	Median Speed:	46 mph
	85th Percentile Speed:	51 mph
	10 MPH Pace:	41 to 50 mph
Receding Traffic	# of Vehicles:	10228
	# of Speeders:	7340
	Maximum Speed:	111 mph
	Average Speed:	49 mph
	Median Speed:	50 mph
	85th Percentile Speed:	58 mph
	10 MPH Pace:	46 to 55 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.

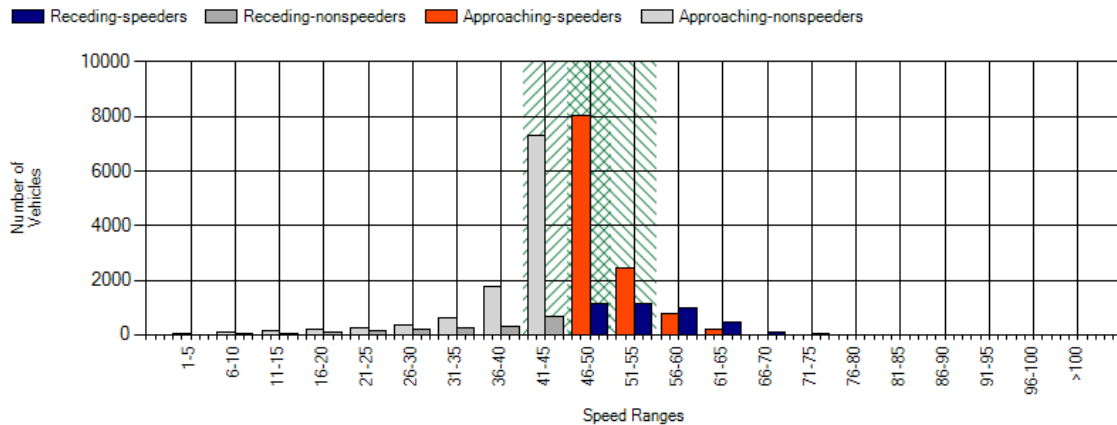


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Total Volume	25	131	189	302	371	521	877	2606	11435	13440	4234
% of Total Approaching	0.07%	0.37%	0.53%	0.84%	1.04%	1.45%	2.45%	7.27%	31.92%	37.52%	11.82%
Receding Total Volume	6	59	88	150	214	281	376	542	1172	2165	2199
% of Total Receding	0.06%	0.58%	0.86%	1.47%	2.09%	2.75%	3.68%	5.30%	11.46%	21.17%	21.50%
Total Volume	31	190	277	452	585	802	1253	3148	12607	15605	6433
% of Total Volume	0.07%	0.41%	0.60%	0.98%	1.27%	1.74%	2.72%	6.84%	27.38%	33.89%	13.97%

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	1318	327	29	13	5	1	0	0	0	0	35824
% of Total Approaching	3.68%	0.91%	0.08%	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Total Volume	1872	870	166	38	9	1	2	5	4	9	10228
% of Total Receding	18.30%	8.51%	1.62%	0.37%	0.09%	0.01%	0.02%	0.05%	0.04%	0.09%	--
Total Volume	3190	1197	195	51	14	2	2	5	4	9	46052
% of Total Volume	6.93%	2.60%	0.42%	0.11%	0.03%	0.00%	0.00%	0.01%	0.01%	0.02%	--

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.

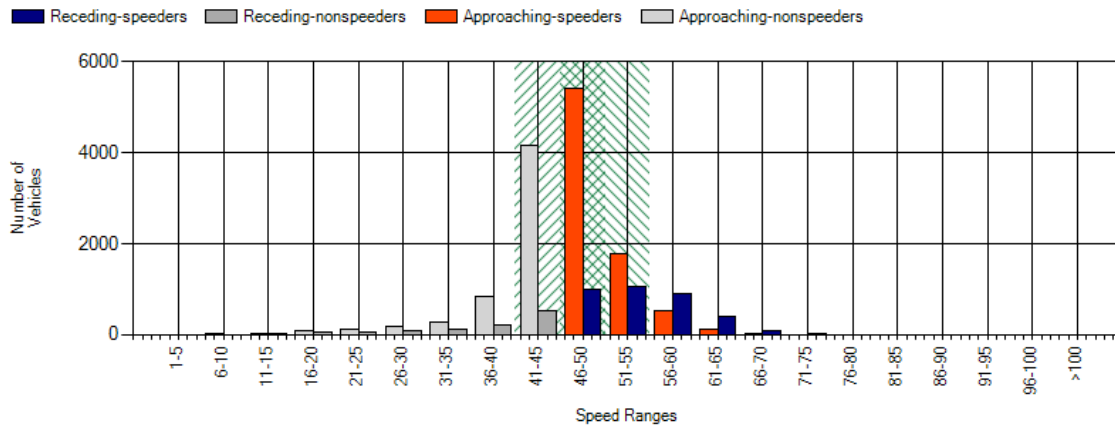


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekday Volume	24	118	154	222	260	352	613	1762	7286	8016	2455
% of Weekday Approaching	0.11%	0.53%	0.69%	1.00%	1.17%	1.58%	2.75%	7.92%	32.73%	36.01%	11.03%
% of Total Weekday	0.09%	0.42%	0.55%	0.79%	0.93%	1.26%	2.19%	6.30%	26.07%	28.68%	8.78%
% of Total Approaching	0.07%	0.33%	0.43%	0.62%	0.73%	0.98%	1.71%	4.92%	20.34%	22.38%	6.85%
Receding Weekday Volume	4	49	68	107	149	194	254	328	651	1153	1153
% of Weekday Receding	0.07%	0.86%	1.20%	1.88%	2.62%	3.41%	4.46%	5.77%	11.44%	20.27%	20.27%
% of Total Weekday	0.01%	0.18%	0.24%	0.38%	0.53%	0.69%	0.91%	1.17%	2.33%	4.13%	4.13%
% of Total Receding	0.04%	0.48%	0.66%	1.05%	1.46%	1.90%	2.48%	3.21%	6.36%	11.27%	11.27%
Weekday Volume	28	167	222	329	409	546	867	2090	7937	9169	3608
% of Weekday Volume	0.10%	0.60%	0.79%	1.18%	1.46%	1.95%	3.10%	7.48%	28.40%	32.81%	12.91%
% of Total Volume	0.06%	0.36%	0.48%	0.71%	0.89%	1.19%	1.88%	4.54%	17.23%	19.91%	7.83%

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	782	193	15	8	0	1	0	0	0	0	22261
% of Weekday Approaching	3.51%	0.87%	0.07%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekday	2.80%	0.69%	0.05%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	2.18%	0.54%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekday Volume	971	473	92	24	4	0	1	4	3	7	5689
% of Weekday Receding	17.07%	8.31%	1.62%	0.42%	0.07%	0.00%	0.02%	0.07%	0.05%	0.12%	--
% of Total Weekday	3.47%	1.69%	0.33%	0.09%	0.01%	0.00%	0.00%	0.01%	0.01%	0.03%	--
% of Total Receding	9.49%	4.62%	0.90%	0.23%	0.04%	0.00%	0.01%	0.04%	0.03%	0.07%	--
Weekday Volume	1753	666	107	32	4	1	1	4	3	7	27950
% of Weekday Volume	6.27%	2.38%	0.38%	0.11%	0.01%	0.00%	0.00%	0.01%	0.01%	0.03%	--
% of Total Volume	3.81%	1.45%	0.23%	0.07%	0.01%	0.00%	0.00%	0.01%	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.

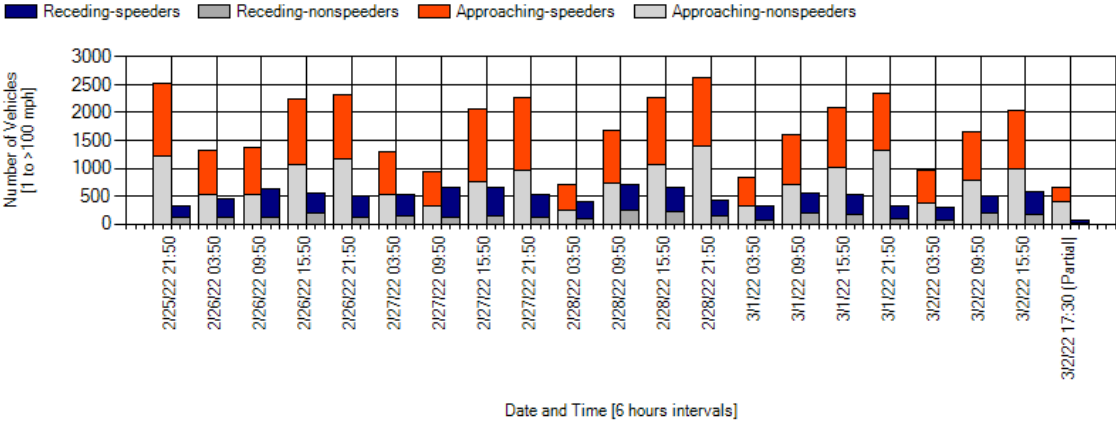


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekend Volume	1	13	35	80	111	169	264	844	4149	5424	1779
% of Weekend Approaching	0.01%	0.10%	0.26%	0.59%	0.82%	1.25%	1.95%	6.22%	30.59%	39.99%	13.12%
% of Total Weekend	0.01%	0.07%	0.19%	0.44%	0.61%	0.93%	1.46%	4.66%	22.92%	29.96%	9.83%
% of Total Approaching	0.00%	0.04%	0.10%	0.22%	0.31%	0.47%	0.74%	2.36%	11.58%	15.14%	4.97%
Receding Weekend Volume	2	10	20	43	65	87	122	214	521	1012	1046
% of Weekend Receding	0.04%	0.22%	0.44%	0.95%	1.43%	1.92%	2.69%	4.71%	11.48%	22.30%	23.04%
% of Total Weekend	0.01%	0.06%	0.11%	0.24%	0.36%	0.48%	0.67%	1.18%	2.88%	5.59%	5.78%
% of Total Receding	0.02%	0.10%	0.20%	0.42%	0.64%	0.85%	1.19%	2.09%	5.09%	9.89%	10.23%
Weekend Volume	3	23	55	123	176	256	386	1058	4670	6436	2825
% of Weekend Volume	0.02%	0.13%	0.30%	0.68%	0.97%	1.41%	2.13%	5.84%	25.80%	35.55%	15.61%
% of Total Volume	0.01%	0.05%	0.12%	0.27%	0.38%	0.56%	0.84%	2.30%	10.14%	13.98%	6.13%

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	536	134	14	5	5	0	0	0	0	0	13563
% of Weekend Approaching	3.95%	0.99%	0.10%	0.04%	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekend	2.96%	0.74%	0.08%	0.03%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	1.50%	0.37%	0.04%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekend Volume	901	397	74	14	5	1	1	1	1	2	4539
% of Weekend Receding	19.85%	8.75%	1.63%	0.31%	0.11%	0.02%	0.02%	0.02%	0.02%	0.04%	--
% of Total Weekend	4.98%	2.19%	0.41%	0.08%	0.03%	0.01%	0.01%	0.01%	0.01%	0.01%	--
% of Total Receding	8.81%	3.88%	0.72%	0.14%	0.05%	0.01%	0.01%	0.01%	0.01%	0.02%	--
Weekend Volume	1437	531	88	19	10	1	1	1	1	2	18102
% of Weekend Volume	7.94%	2.93%	0.49%	0.10%	0.06%	0.01%	0.01%	0.01%	0.01%	0.01%	--
% of Total Volume	3.12%	1.15%	0.19%	0.04%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	--

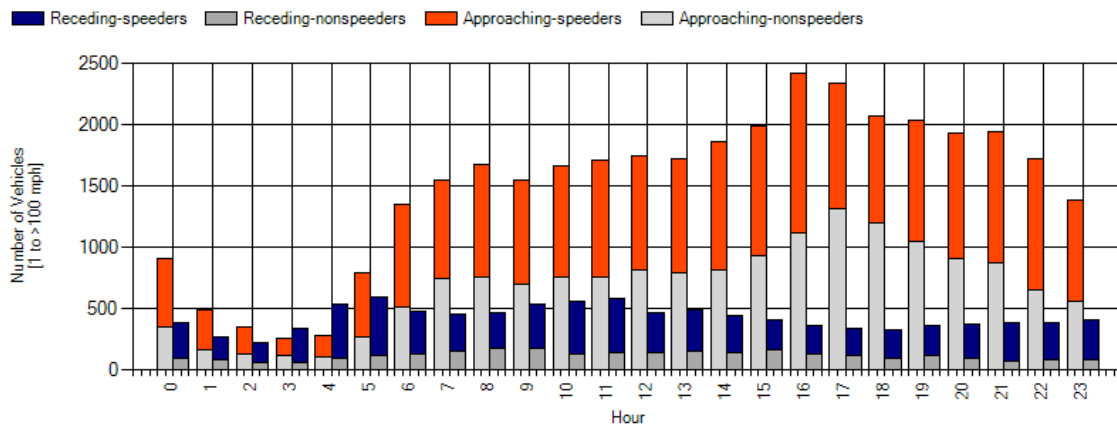
Volume - By Time

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

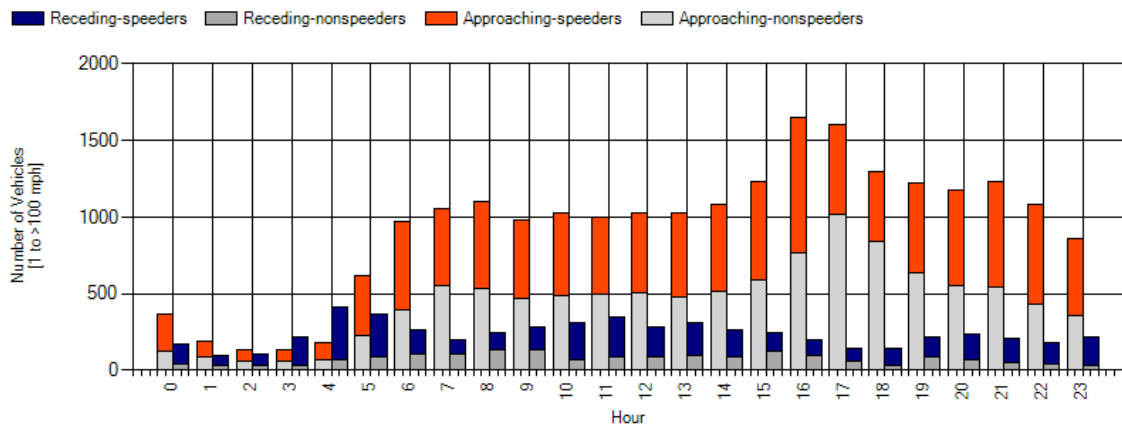
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	909	560	47	71	46	51
0	Receding	389	292	49	76	49	56
1	Approaching	495	322	47	68	46	51
1	Receding	268	185	48	65	48	55
2	Approaching	350	215	47	61	46	51
2	Receding	224	161	49	61	48	53
3	Approaching	261	141	46	68	45	50
3	Receding	338	269	49	76	49	55
4	Approaching	288	175	47	78	46	51
4	Receding	540	441	49	78	49	55
5	Approaching	794	525	47	72	47	53
5	Receding	595	470	50	75	49	56
6	Approaching	1354	840	47	69	47	52
6	Receding	480	349	50	70	49	58
7	Approaching	1548	804	45	71	45	51
7	Receding	456	295	48	107	46	58
8	Approaching	1684	926	46	75	45	51
8	Receding	468	292	48	95	46	59
9	Approaching	1555	858	46	66	45	51
9	Receding	537	354	49	73	47	59
10	Approaching	1666	910	46	68	45	51
10	Receding	560	430	52	111	50	60
11	Approaching	1713	951	46	77	45	51
11	Receding	581	440	52	74	50	61
12	Approaching	1745	922	46	68	45	51
12	Receding	475	332	52	99	49	61
13	Approaching	1728	934	46	79	45	51
13	Receding	488	335	52	82	49	61
14	Approaching	1861	1038	46	72	45	51
14	Receding	442	297	50	111	48	59
15	Approaching	1991	1051	46	73	44	51
15	Receding	417	249	48	107	46	61
16	Approaching	2421	1303	46	71	45	51
16	Receding	370	234	51	104	47	60
17	Approaching	2341	1020	43	66	42	49
17	Receding	343	221	50	100	48	60
18	Approaching	2078	879	43	83	42	48
18	Receding	329	232	53	101	50	60
19	Approaching	2039	993	45	67	44	50
19	Receding	364	240	50	91	48	58
20	Approaching	1935	1029	46	67	45	51
20	Receding	379	282	51	88	50	59
21	Approaching	1949	1072	46	66	45	51
21	Receding	383	303	53	75	51	59
22	Approaching	1726	1068	47	70	46	51
22	Receding	393	310	50	73	49	56
23	Approaching	1393	831	46	77	46	51
23	Receding	409	327	50	77	50	57

Volume - By Weekday Hour

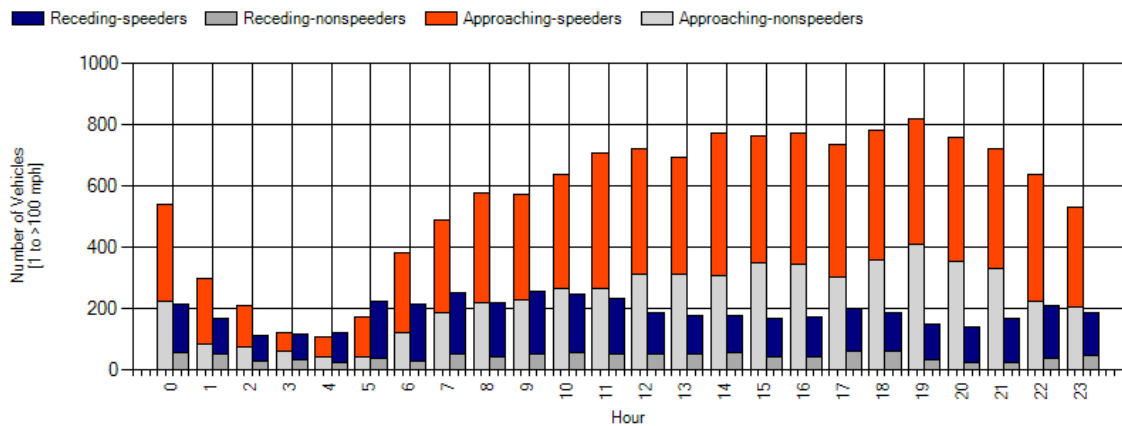
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekday Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	368	243	47	71	47	51
0	Receding	173	136	49	76	49	56
1	Approaching	194	106	46	68	46	50
1	Receding	97	65	48	60	47	53
2	Approaching	137	80	47	60	46	51
2	Receding	109	76	49	60	47	52
3	Approaching	137	78	46	68	46	50
3	Receding	221	187	49	62	49	54
4	Approaching	179	111	47	65	46	52
4	Receding	416	344	49	76	49	55
5	Approaching	621	395	47	72	47	53
5	Receding	371	284	50	75	49	56
6	Approaching	973	582	47	69	46	52
6	Receding	264	161	49	70	46	59
7	Approaching	1057	502	45	71	45	51
7	Receding	204	94	44	107	42	56
8	Approaching	1106	568	45	66	45	51
8	Receding	247	116	43	95	42	59
9	Approaching	981	512	46	66	44	51
9	Receding	280	150	46	70	44	60
10	Approaching	1025	537	46	64	45	51
10	Receding	311	240	51	105	50	59
11	Approaching	1002	507	45	68	44	51
11	Receding	347	259	52	69	50	60
12	Approaching	1023	515	45	64	44	51
12	Receding	285	195	51	99	49	60
13	Approaching	1031	551	46	64	45	51
13	Receding	307	208	52	73	49	60
14	Approaching	1087	572	45	72	44	51
14	Receding	262	175	51	111	48	60
15	Approaching	1227	639	46	65	44	51
15	Receding	247	124	45	107	43	60
16	Approaching	1646	876	46	71	45	50
16	Receding	198	105	48	104	44	60
17	Approaching	1604	589	42	65	40	47
17	Receding	139	79	48	86	45	57
18	Approaching	1295	454	41	83	40	47
18	Receding	143	108	55	101	51	61
19	Approaching	1219	585	45	65	44	51
19	Receding	215	127	49	91	46	57
20	Approaching	1175	626	46	67	45	51
20	Receding	237	167	49	76	49	59
21	Approaching	1228	681	46	65	45	51
21	Receding	213	160	52	75	50	59
22	Approaching	1086	655	47	63	46	51
22	Receding	182	139	50	73	48	57
23	Approaching	860	506	46	72	46	51
23	Receding	221	186	51	75	50	56

Volume - By Weekend Hour

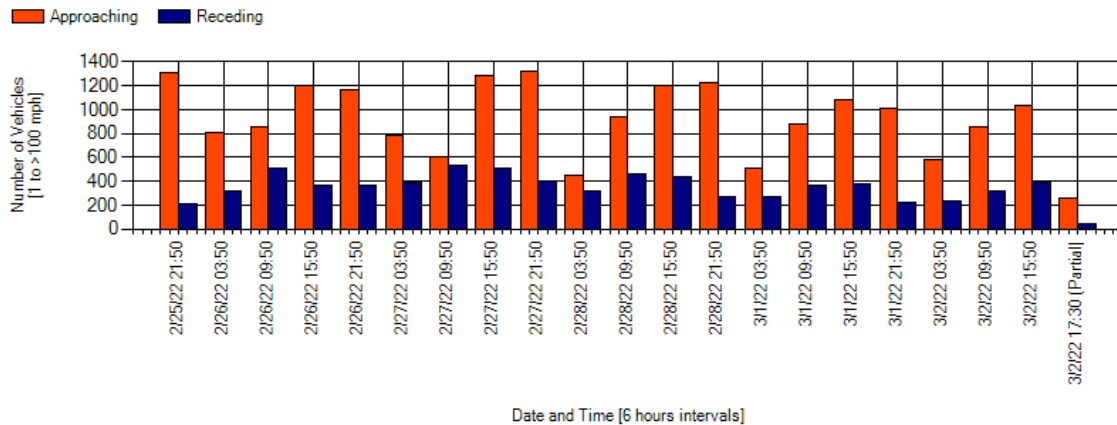
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekend Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	541	317	46	65	46	52
0	Receding	216	156	48	74	48	57
1	Approaching	301	216	47	60	47	51
1	Receding	171	120	49	65	49	56
2	Approaching	213	135	46	61	46	50
2	Receding	115	85	49	61	48	55
3	Approaching	124	63	46	57	44	49
3	Receding	117	82	50	76	49	56
4	Approaching	109	64	46	78	45	50
4	Receding	124	97	49	78	50	57
5	Approaching	173	130	48	62	48	53
5	Receding	224	186	51	65	50	56
6	Approaching	381	258	47	66	47	53
6	Receding	216	188	51	70	52	58
7	Approaching	491	302	47	69	46	52
7	Receding	252	201	51	69	50	59
8	Approaching	578	358	46	75	46	52
8	Receding	221	176	53	70	51	59
9	Approaching	574	346	46	64	46	52
9	Receding	257	204	51	73	49	58
10	Approaching	641	373	46	68	45	51
10	Receding	249	190	52	111	51	60
11	Approaching	711	444	46	77	46	51
11	Receding	234	181	52	74	50	61
12	Approaching	722	407	46	68	46	51
12	Receding	190	137	53	75	51	61
13	Approaching	697	383	46	79	45	51
13	Receding	181	127	52	82	49	62
14	Approaching	774	466	47	65	46	52
14	Receding	180	122	50	66	48	58
15	Approaching	764	412	46	73	44	51
15	Receding	170	125	53	74	50	63
16	Approaching	775	427	47	69	46	52
16	Receding	172	129	54	67	50	60
17	Approaching	737	431	47	66	46	52
17	Receding	204	142	52	100	49	62
18	Approaching	783	425	45	61	45	50
18	Receding	186	124	51	95	48	60
19	Approaching	820	408	46	67	45	50
19	Receding	149	113	51	70	50	59
20	Approaching	760	403	46	64	45	50
20	Receding	142	115	54	88	52	59
21	Approaching	721	391	46	66	45	50
21	Receding	170	143	54	66	52	60
22	Approaching	640	413	47	70	46	51
22	Receding	211	171	50	65	50	56
23	Approaching	533	325	46	77	46	51
23	Receding	188	141	49	77	49	57

Volume - Total Speeders

The following graph shows the breakdown of all speeding vehicles tracked in this study based on the posted speed limit entered (45 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

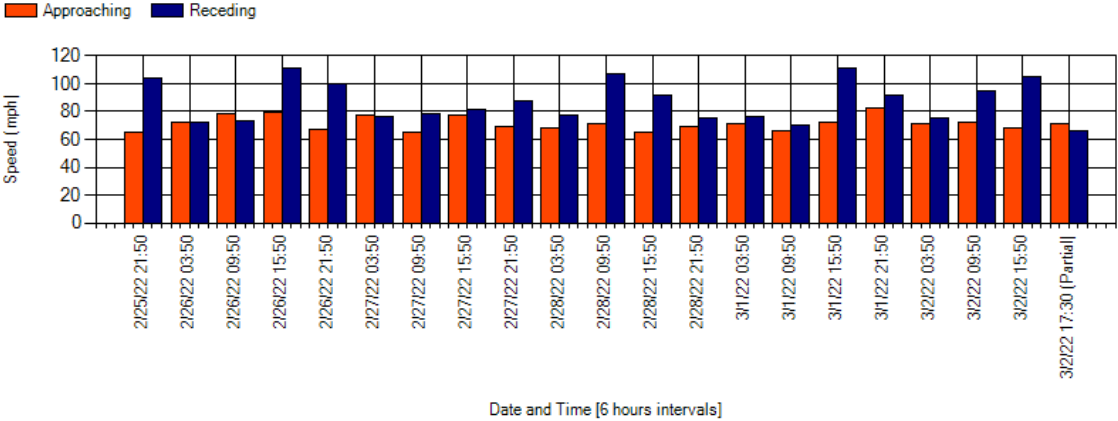
Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	45 mph	Pace Speed	41 to 50 mph	Speed	46 to 55 mph	56 to 65 mph	66+ mph	Total
# At/Under Limit	16457	# In Pace	257	Volume	17674	1645	48	19367
# Over Limit	19367	% In Pace	0.72%	Percent	49.34%	4.59%	0.13%	54.06%
Average Speed	45 mph							
85th % Speed (weighted)	51 mph							

Receding Breakdown

Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	45 mph	Pace Speed	46 to 55 mph	Speed	46 to 55 mph	56 to 65 mph	66+ mph	Total
# At/Under Limit	2888	# In Pace	61	Volume	4364	2742	234	7340
# Over Limit	7340	% In Pace	0.60%	Percent	42.67%	26.81%	2.29%	71.76%
Average Speed	49 mph							
85th % Speed (weighted)	58 mph							

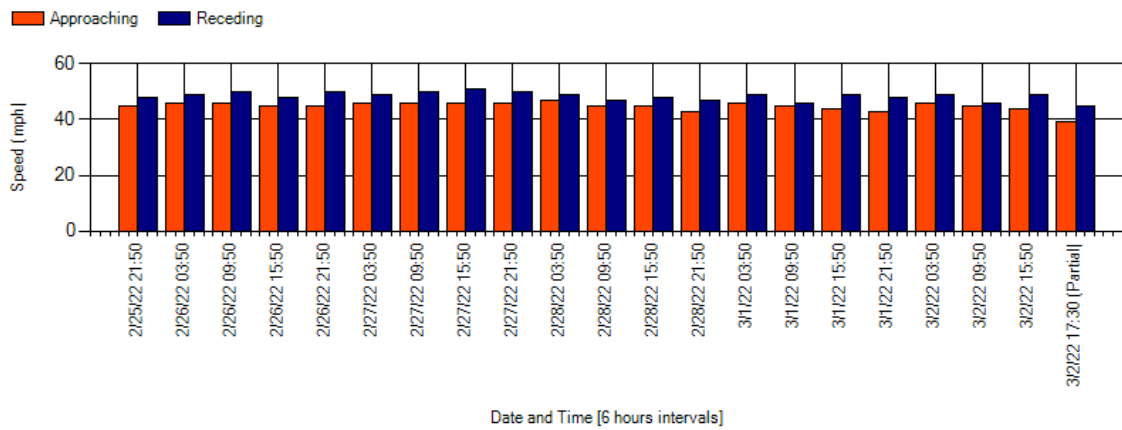
Speed - Maximum Speed

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.



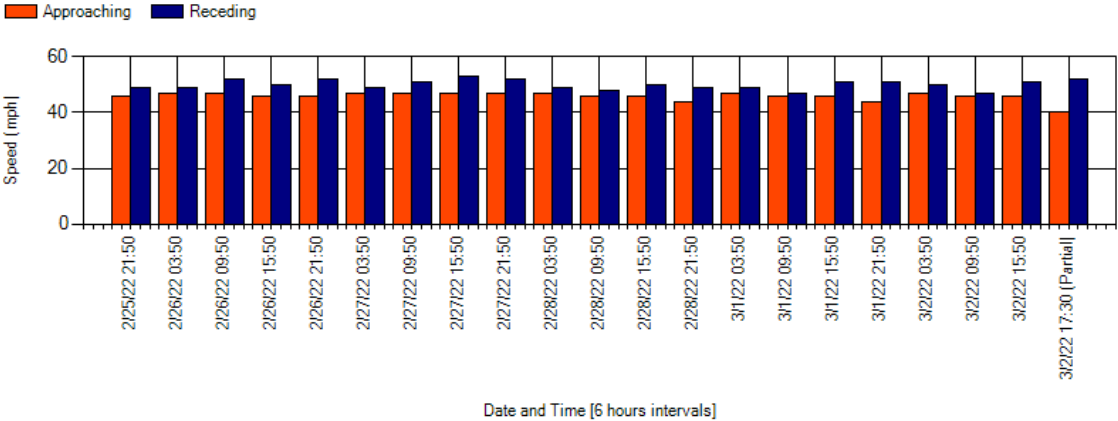
Speed - Average Speed

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.



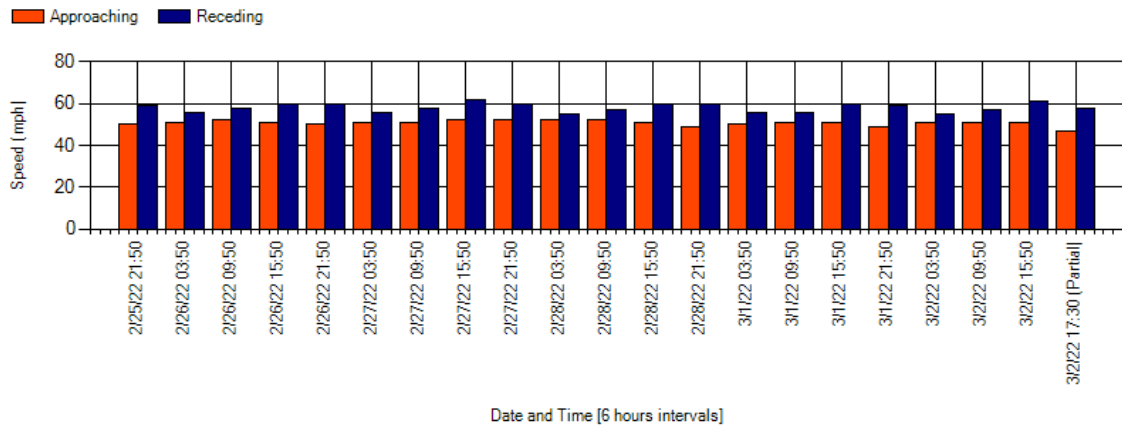
Speed - Median Speed

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:

MPH Industries, Inc., 316 E. 9th St., Owensboro, KY 42303
Customer Service & Sales Department 1-888-689-9222
Email: info@mphindustries.com