

SMARTstat™ Analysis Report

2024_S Sewalls Point Road Speed Study

Mon Dec 2, 2024 09:43
to Tue Dec 10, 2024 09:15

File: 00490185.csv

Date Created: Wednesday, December 11, 2024

Generator: 1.00.004 (01700105)

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Summary

Study Summary for file 00490185.csv

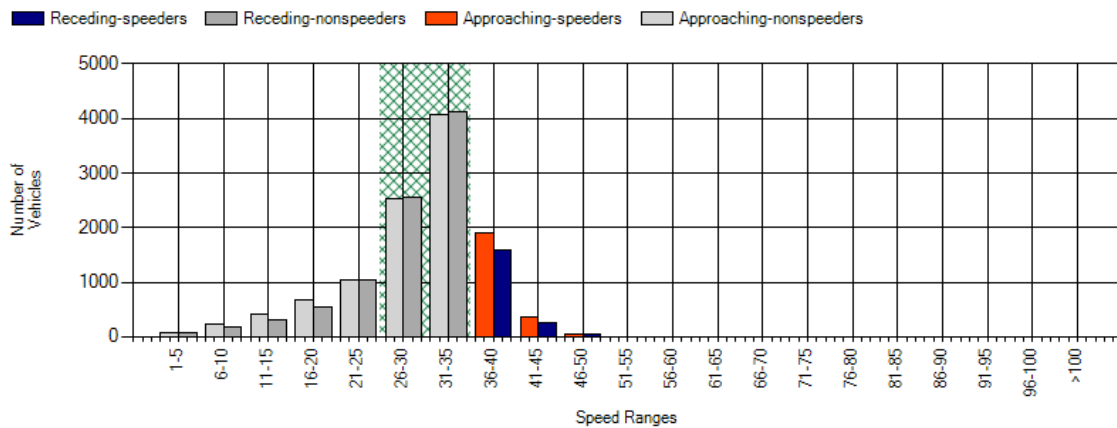
S. Sewalls Point Rd - Stealthstat study #185 deployed on 12-2-2024.
Deployed to pole in ROW South of SE Rio Vista Dr facing south, capturing
NB approaching and SB receding vehicles.

Traffic Analysis Report

Result Description		
File:	00490185.csv	
Study Title:	2024_S Sewalls Point Road Speed Study	
Study Run Dates:	2024/12/02 09:43:17 to 2024/12/10 09:15:00	
Total Study Time:	7 Days 23 Hours 31 Minutes	
Study Download Time:	2024/12/10 09:29:41	
Study Location:	S Sewalls Point Road at SE Rio Vista Drive	
Study GPS Location:	Unknown	
Study Timing Interval:	15 minute blocks	
Study Total # of Vehicles:	22066	
Study Posted Speed Limit:	35 mph	
Study Total # of Speeders:	4211	
Approaching Traffic	# of Vehicles:	11355
	# of Speeders:	2329
	Maximum Speed:	59 mph
	Average Speed:	29 mph
	Median Speed:	31 mph
	85th Percentile Speed:	36 mph
	10 MPH Pace:	26 to 35 mph
Receding Traffic	# of Vehicles:	10711
	# of Speeders:	1882
	Maximum Speed:	101 mph
	Average Speed:	29 mph
	Median Speed:	31 mph
	85th Percentile Speed:	35 mph
	10 MPH Pace:	26 to 35 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.

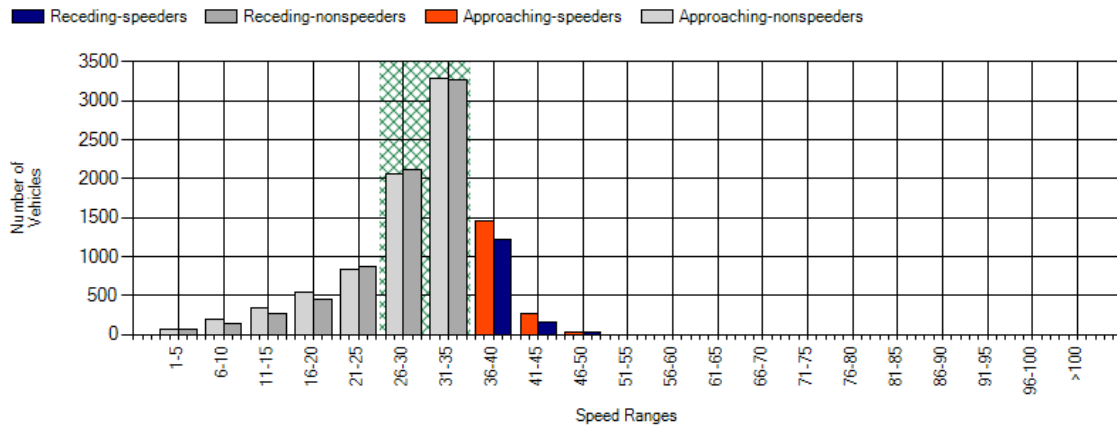


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Total Volume	83	223	415	681	1038	2519	4067	1913	370	39	4
% of Total Approaching	0.73%	1.96%	3.65%	6.00%	9.14%	22.18%	35.82%	16.85%	3.26%	0.34%	0.04%
Receding Total Volume	74	174	314	539	1034	2564	4130	1591	247	36	2
% of Total Receding	0.69%	1.62%	2.93%	5.03%	9.65%	23.94%	38.56%	14.85%	2.31%	0.34%	0.02%
Total Volume	157	397	729	1220	2072	5083	8197	3504	617	75	6
% of Total Volume	0.71%	1.80%	3.30%	5.53%	9.39%	23.04%	37.15%	15.88%	2.80%	0.34%	0.03%

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	3	0	0	0	0	0	0	0	0	0	11355
% of Total Approaching	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Total Volume	2	1	1	0	0	0	0	0	1	1	10711
% of Total Receding	0.02%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	--
Total Volume	5	1	1	0	0	0	0	0	1	1	22066
% of Total Volume	0.02%	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.

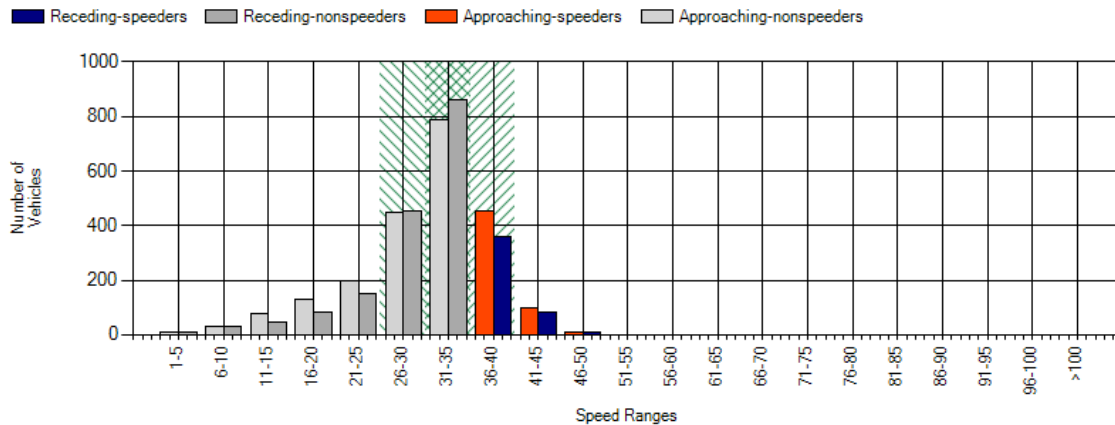


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekday Volume	74	190	340	552	840	2069	3280	1459	273	28	3
% of Weekday Approaching	0.81%	2.09%	3.73%	6.06%	9.22%	22.71%	36.00%	16.02%	3.00%	0.31%	0.03%
% of Total Weekday	0.42%	1.07%	1.92%	3.11%	4.74%	11.67%	18.50%	8.23%	1.54%	0.16%	0.02%
% of Total Approaching	0.65%	1.67%	2.99%	4.86%	7.40%	18.22%	28.89%	12.85%	2.40%	0.25%	0.03%
Receding Weekday Volume	66	146	266	457	881	2112	3270	1230	163	27	1
% of Weekday Receding	0.77%	1.69%	3.08%	5.30%	10.22%	24.49%	37.92%	14.26%	1.89%	0.31%	0.01%
% of Total Weekday	0.37%	0.82%	1.50%	2.58%	4.97%	11.91%	18.44%	6.94%	0.92%	0.15%	0.01%
% of Total Receding	0.62%	1.36%	2.48%	4.27%	8.23%	19.72%	30.53%	11.48%	1.52%	0.25%	0.01%
Weekday Volume	140	336	606	1009	1721	4181	6550	2689	436	55	4
% of Weekday Volume	0.79%	1.89%	3.42%	5.69%	9.70%	23.58%	36.93%	15.16%	2.46%	0.31%	0.02%
% of Total Volume	0.63%	1.52%	2.75%	4.57%	7.80%	18.95%	29.68%	12.19%	1.98%	0.25%	0.02%

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	2	0	0	0	0	0	0	0	0	0	9110
% of Weekday Approaching	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekday	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekday Volume	1	1	1	0	0	0	0	0	1	1	8624
% of Weekday Receding	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	--
% of Total Weekday	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	--
% of Total Receding	0.01%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	--
Weekday Volume	3	1	1	0	0	0	0	0	1	1	17734
% of Weekday Volume	0.02%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.01%	--
% of Total Volume	0.01%	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.

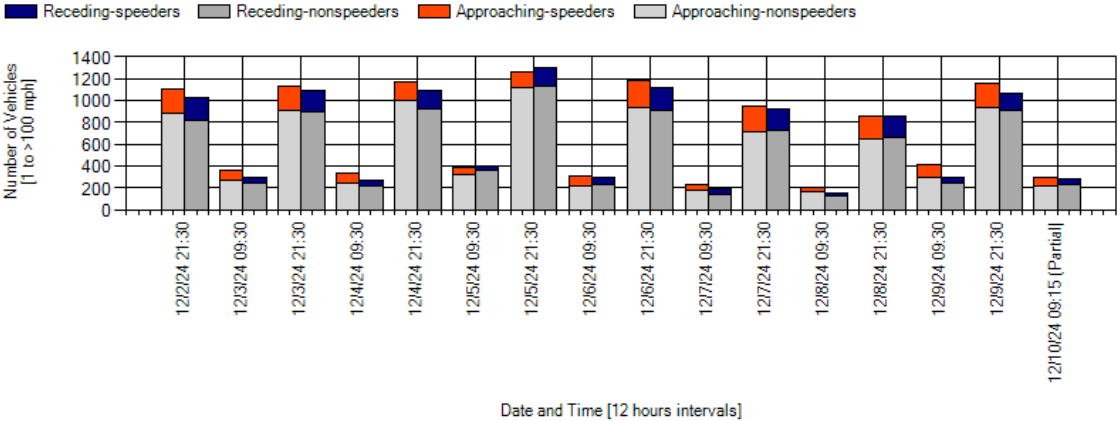


Speed [mph]	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55
Approaching Weekend Volume	9	33	75	129	198	450	787	454	97	11	1
% of Weekend Approaching	0.40%	1.47%	3.34%	5.75%	8.82%	20.04%	35.06%	20.22%	4.32%	0.49%	0.04%
% of Total Weekend	0.21%	0.76%	1.73%	2.98%	4.57%	10.39%	18.17%	10.48%	2.24%	0.25%	0.02%
% of Total Approaching	0.08%	0.29%	0.66%	1.14%	1.74%	3.96%	6.93%	4.00%	0.85%	0.10%	0.01%
Receding Weekend Volume	8	28	48	82	153	452	860	361	84	9	1
% of Weekend Receding	0.38%	1.34%	2.30%	3.93%	7.33%	21.66%	41.21%	17.30%	4.02%	0.43%	0.05%
% of Total Weekend	0.18%	0.65%	1.11%	1.89%	3.53%	10.43%	19.85%	8.33%	1.94%	0.21%	0.02%
% of Total Receding	0.07%	0.26%	0.45%	0.77%	1.43%	4.22%	8.03%	3.37%	0.78%	0.08%	0.01%
Weekend Volume	17	61	123	211	351	902	1647	815	181	20	2
% of Weekend Volume	0.39%	1.41%	2.84%	4.87%	8.10%	20.82%	38.02%	18.81%	4.18%	0.46%	0.05%
% of Total Volume	0.08%	0.28%	0.56%	0.96%	1.59%	4.09%	7.46%	3.69%	0.82%	0.09%	0.01%

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	1	0	0	0	0	0	0	0	0	0	2245
% of Weekend Approaching	0.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekend	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Approaching	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Receding Weekend Volume	1	0	0	0	0	0	0	0	0	0	2087
% of Weekend Receding	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Weekend	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Receding	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
Weekend Volume	2	0	0	0	0	0	0	0	0	0	4332
% of Weekend Volume	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--
% of Total Volume	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	--

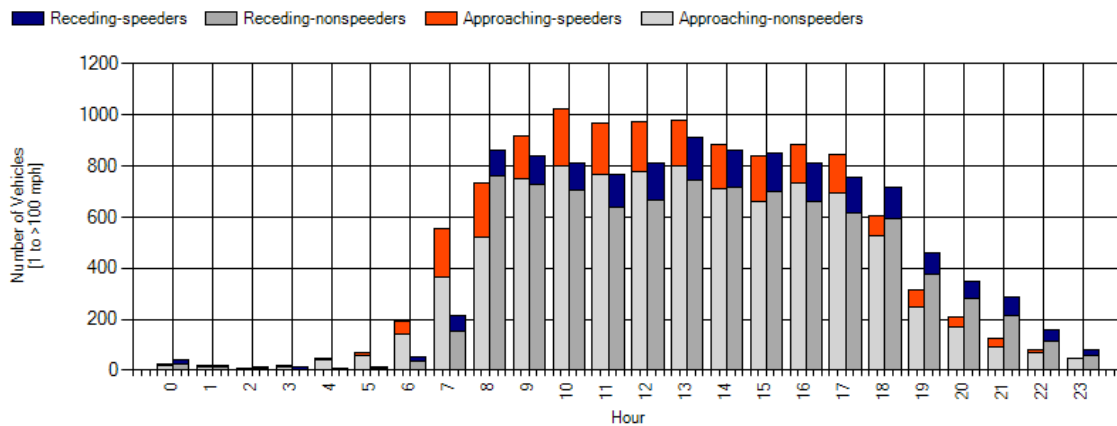
Volume - By Time

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

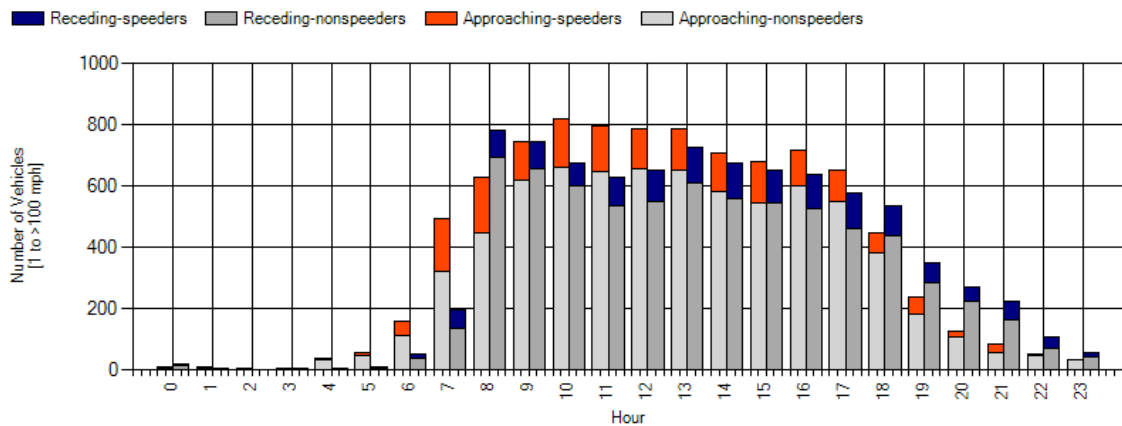
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	25	4	28	40	28	31
0	Receding	40	17	35	56	35	40
1	Approaching	19	5	30	38	30	32
1	Receding	21	8	33	44	32	34
2	Approaching	6	1	29	37	30	34
2	Receding	14	6	34	39	34	36
3	Approaching	20	2	25	46	25	31
3	Receding	11	6	35	43	35	35
4	Approaching	46	4	25	42	24	29
4	Receding	8	4	30	42	30	31
5	Approaching	72	12	28	46	28	36
5	Receding	16	6	33	43	33	35
6	Approaching	193	53	31	47	30	37
6	Receding	54	16	34	42	32	37
7	Approaching	555	191	34	57	32	38
7	Receding	216	64	31	45	30	37
8	Approaching	735	215	33	56	31	37
8	Receding	861	102	29	97	28	34
9	Approaching	915	167	29	47	28	35
9	Receding	842	114	29	56	28	34
10	Approaching	1026	223	31	51	29	36
10	Receding	813	108	30	101	28	34
11	Approaching	965	200	31	50	30	36
11	Receding	769	132	30	46	28	35
12	Approaching	972	194	31	46	30	36
12	Receding	809	141	31	48	30	35
13	Approaching	977	177	31	49	29	36
13	Receding	911	166	31	49	30	36
14	Approaching	882	173	31	48	30	37
14	Receding	859	143	31	44	30	36
15	Approaching	837	176	32	48	30	36
15	Receding	852	152	31	49	29	36
16	Approaching	884	153	31	51	29	36
16	Receding	811	149	31	48	29	36
17	Approaching	846	150	31	48	29	36
17	Receding	756	140	32	48	31	36
18	Approaching	603	77	30	45	28	35
18	Receding	716	123	32	48	30	36
19	Approaching	314	68	31	59	30	36
19	Receding	462	86	32	49	30	36
20	Approaching	208	37	29	52	28	36
20	Receding	347	65	31	43	30	36
21	Approaching	128	38	32	45	31	37
21	Receding	285	72	32	69	32	38
22	Approaching	78	9	27	39	27	32
22	Receding	157	41	33	50	32	38
23	Approaching	49	0	23	35	23	27
23	Receding	81	21	32	45	31	36

Volume - By Weekday Hour

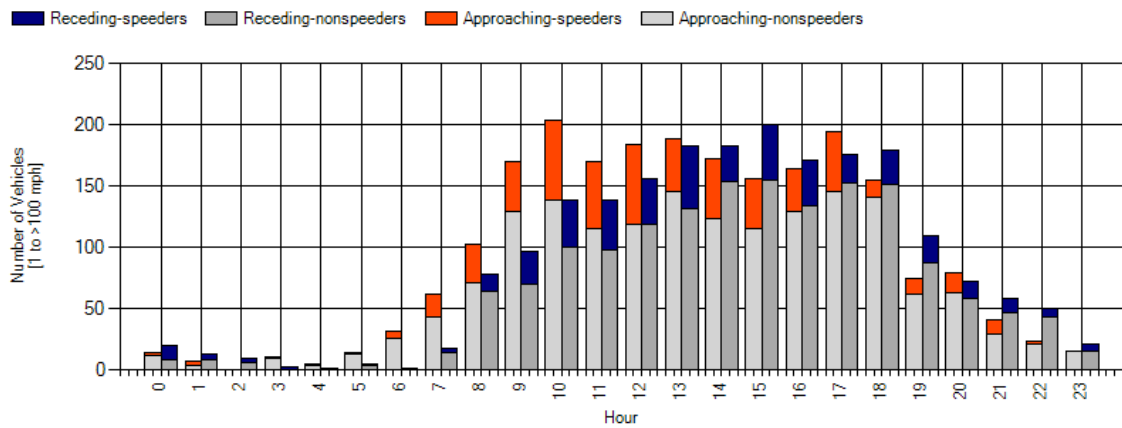
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekday Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	10	1	23	37	23	25
0	Receding	20	6	32	40	32	36
1	Approaching	11	1	27	36	28	30
1	Receding	8	4	32	44	32	33
2	Approaching	6	1	29	37	30	34
2	Receding	4	2	34	39	34	36
3	Approaching	9	1	24	39	24	28
3	Receding	8	4	33	41	33	34
4	Approaching	41	3	24	41	23	29
4	Receding	6	4	34	42	34	36
5	Approaching	58	11	30	46	30	37
5	Receding	11	5	34	43	34	36
6	Approaching	161	47	32	47	30	37
6	Receding	52	15	34	42	32	37
7	Approaching	493	172	34	46	32	38
7	Receding	198	60	31	45	30	37
8	Approaching	632	183	33	56	31	37
8	Receding	783	88	29	97	28	34
9	Approaching	745	126	29	47	27	35
9	Receding	745	87	28	56	27	33
10	Approaching	822	158	30	51	29	35
10	Receding	674	70	29	101	27	34
11	Approaching	795	146	31	50	29	36
11	Receding	630	91	30	46	28	35
12	Approaching	788	129	31	44	29	36
12	Receding	653	104	31	48	29	35
13	Approaching	788	134	31	49	28	36
13	Receding	728	115	31	49	29	35
14	Approaching	709	124	31	46	30	36
14	Receding	676	114	31	43	30	35
15	Approaching	681	136	31	48	30	36
15	Receding	652	107	31	49	29	35
16	Approaching	720	119	31	51	30	36
16	Receding	640	112	31	48	29	36
17	Approaching	651	101	31	48	29	36
17	Receding	580	117	33	48	31	36
18	Approaching	448	63	30	45	28	36
18	Receding	537	96	33	48	31	36
19	Approaching	239	55	31	59	30	36
19	Receding	352	64	32	49	31	36
20	Approaching	129	21	29	52	27	35
20	Receding	274	51	31	43	30	36
21	Approaching	87	27	32	43	30	37
21	Receding	226	60	32	69	32	39
22	Approaching	54	6	26	39	26	32
22	Receding	107	34	33	47	33	38
23	Approaching	33	0	21	32	21	24
23	Receding	60	16	32	45	31	36

Volume - By Weekend Hour

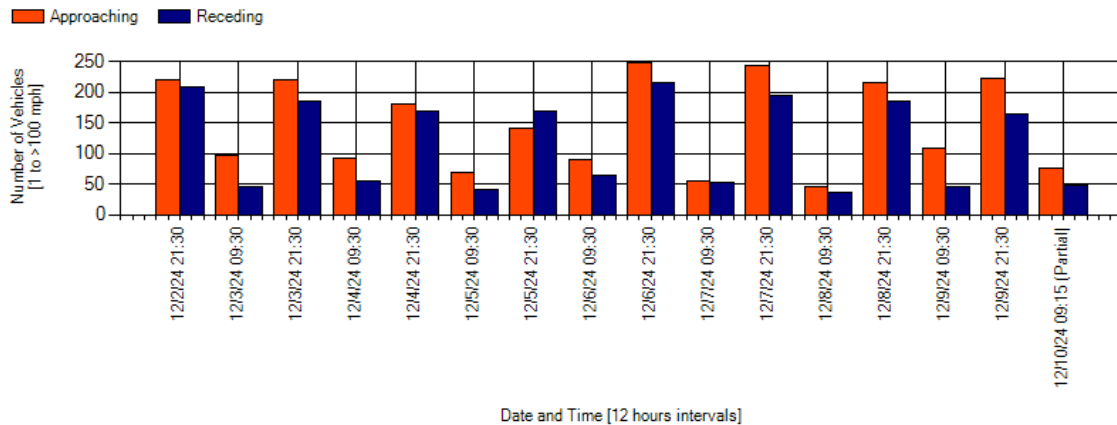
The following graph shows the breakdown of all vehicles tracked in this study. The horizontal axis is broken down into distinct time intervals of the study with the resulting count of vehicles captured during those time intervals being displayed as the corresponding volume on the vertical axis.



Weekend Hour	Travel Direction	Total Vehicles	Number of Speeders	Median Speed (mph)	Maximum Speed (mph)	Average Speed (mph)	85th % Speed (mph)
0	Approaching	15	3	31	40	30	35
0	Receding	20	11	38	56	39	45
1	Approaching	8	4	35	38	34	36
1	Receding	13	4	34	37	33	35
2	Approaching	0	0	0	0	0	0
2	Receding	10	4	34	39	33	36
3	Approaching	11	1	26	46	26	33
3	Receding	3	2	38	43	38	38
4	Approaching	5	1	32	42	32	33
4	Receding	2	0	17	28	17	17
5	Approaching	14	1	21	40	21	32
5	Receding	5	1	31	41	29	35
6	Approaching	32	6	27	41	27	37
6	Receding	2	1	34	38	34	38
7	Approaching	62	19	33	57	32	39
7	Receding	18	4	30	41	30	34
8	Approaching	103	32	34	43	31	37
8	Receding	78	14	30	45	29	35
9	Approaching	170	41	32	45	30	37
9	Receding	97	27	34	47	33	38
10	Approaching	204	65	33	50	32	38
10	Receding	139	38	33	47	32	38
11	Approaching	170	54	33	46	32	38
11	Receding	139	41	33	44	32	37
12	Approaching	184	65	33	46	32	38
12	Receding	156	37	33	41	31	37
13	Approaching	189	43	32	44	31	37
13	Receding	183	51	33	44	31	38
14	Approaching	173	49	32	48	31	39
14	Receding	183	29	31	44	30	36
15	Approaching	156	40	32	44	31	37
15	Receding	200	45	31	47	30	37
16	Approaching	164	34	31	43	29	36
16	Receding	171	37	33	47	32	37
17	Approaching	195	49	31	46	30	37
17	Receding	176	23	31	44	30	35
18	Approaching	155	14	29	42	26	34
18	Receding	179	27	30	44	27	35
19	Approaching	75	13	31	46	29	35
19	Receding	110	22	31	44	30	36
20	Approaching	79	16	29	43	29	38
20	Receding	73	14	31	41	30	37
21	Approaching	41	11	31	45	31	38
21	Receding	59	12	33	45	32	38
22	Approaching	24	3	29	38	29	32
22	Receding	50	7	32	50	30	36
23	Approaching	16	0	28	35	28	33
23	Receding	21	5	32	41	31	36

Volume - Total Speeders

The following graph shows the breakdown of all speeding vehicles tracked in this study based on the posted speed limit entered (35 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

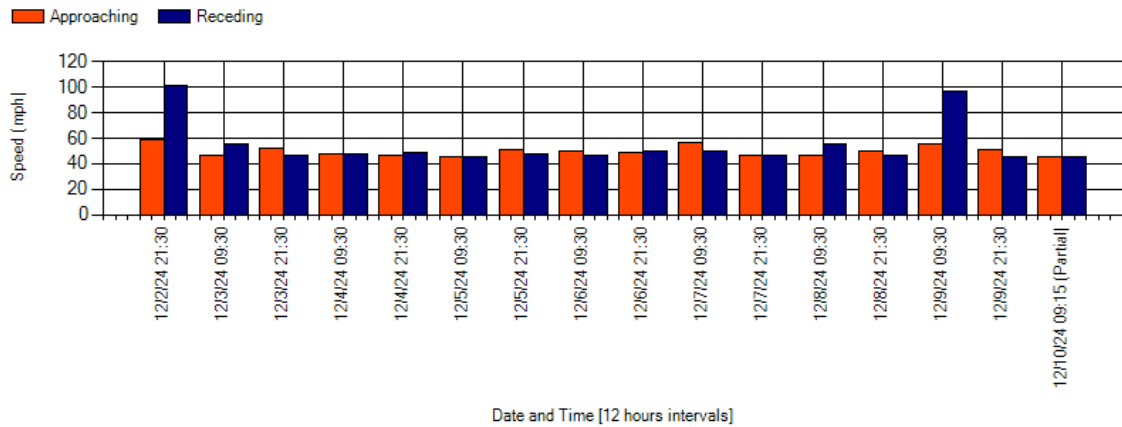
Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	35 mph	Pace Speed	26 to 35 mph	Speed	36 to 45 mph	46 to 55 mph	56+ mph	Total
# At/Under Limit	9026	# In Pace	11	Volume	2283	43	3	2329
# Over Limit	2329	% In Pace	0.10%	Percent	20.11%	0.38%	0.03%	20.51%
Average Speed	29 mph							
85th % Speed (weighted)	36 mph							

Receding Breakdown

Speeding Statistics		10 MPH Pace		# Exceeding Limit				
Posted Limit	35 mph	Pace Speed	26 to 35 mph	Speed	36 to 45 mph	46 to 55 mph	56+ mph	Total
# At/Under Limit	8829	# In Pace	12	Volume	1838	38	6	1882
# Over Limit	1882	% In Pace	0.11%	Percent	17.16%	0.35%	0.06%	17.57%
Average Speed	29 mph							
85th % Speed (weighted)	35 mph							

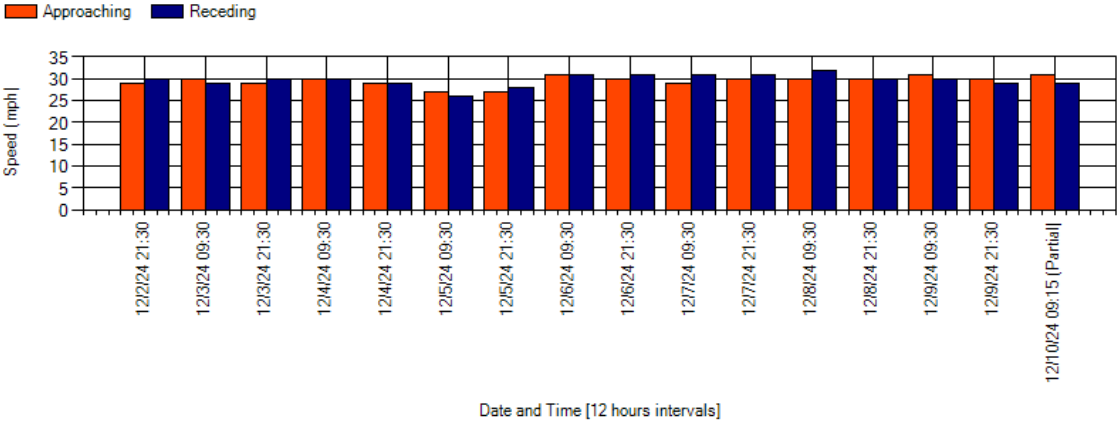
Speed - Maximum Speed

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.



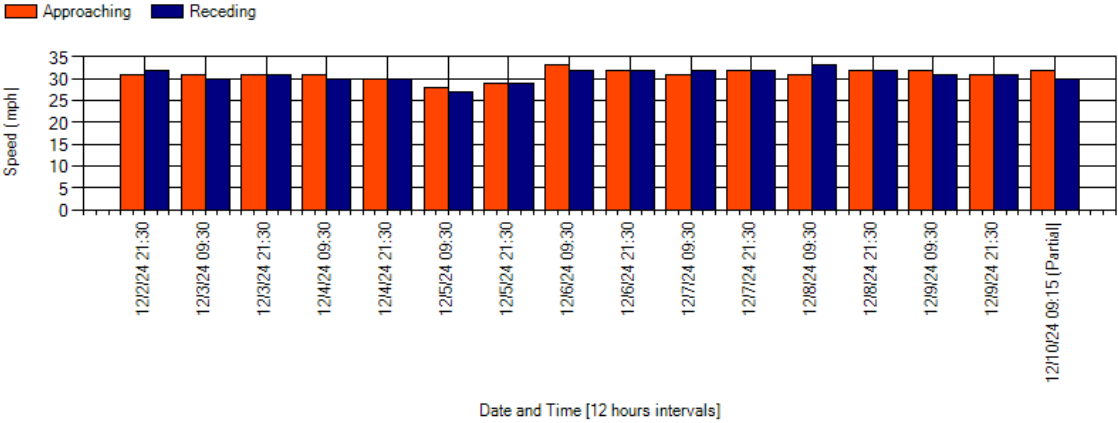
Speed - Average Speed

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.



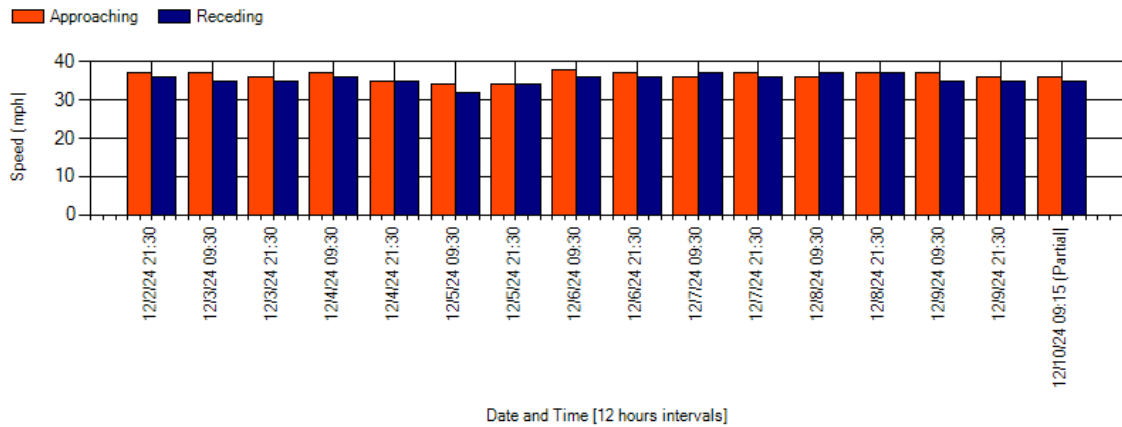
Speed - Median Speed

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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