TRAFFIC ANALYSIS REPORT

For Project: South Martin Road Pole23 Facing Southeast July 2021
Location/Name: Merged
Report Generated: 7/14/2021 3:53:34 PM
Speed Intervals = 1 mph
Time Intervals = 5 minutes

Traffic Report From 7/7/2021 10:53:33 AM   through   7/14/2021 8:18:43 AM

85th Percentile Speed = 31.2 mph
85th Percentile Vehicles = 882 counts
Max Speed = 52.0 mph on 7/9/2021 5:05:17 PM
Total Vehicles = 1,038 counts
AADT: 150.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		144	138
AM peak	7:00 to 8:00	8	8
PM peak	1:00 to 2:00	18	18

Speed
Speed limit: 30 mph
85th Percentile Speed: 31.2 mph
Average Speed: 26.1 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	18	24	36	50	40	24	24
% over limit	14.3	16.3	25.9	27.2	20.5	20.9	18.2
Avg speeder	34.2	33.8	33.6	33.6	34.7	33.3	32.9

Class counts

	Number	%

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VEH_SM     15              1.4
VEH_MED    944             90.9
VEH_LG     79              7.6
[ VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck ]
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85th percentile speeds, counts and total counts by hour:

Date/Time Ending	85th pctl(mph)	85th pctl cnts	Total cnts	Max Speed	Avg Speeder	% Speeders
7/7/2021 11:00:00 AM	28.0	3	4	29	NaN	0.0%
7/7/2021 12:00:00 PM	30.0	7	8	31	30.5	12.5%
7/7/2021 1:00:00 PM	30.0	13	15	35	33.0	13.3%
7/7/2021 2:00:00 PM	32.3	20	23	44	34.5	21.7%
7/7/2021 3:00:00 PM	35.0	12	14	40	33.5	64.3%
7/7/2021 4:00:00 PM	33.0	12	14	35	32.8	28.6%
7/7/2021 5:00:00 PM	30.0	8	9	33	32.5	11.1%
7/7/2021 6:00:00 PM	31.0	15	18	37	33.5	22.2%
7/7/2021 7:00:00 PM	28.5	3	4	29	NaN	0.0%
7/7/2021 8:00:00 PM	29.0	2	2	29	NaN	0.0%
7/7/2021 9:00:00 PM	27.0	2	2	27	NaN	0.0%
7/7/2021 10:00:00 PM	**No Data**					
7/7/2021 11:00:00 PM	27.0	3	4	32	31.5	25.0%
7/8/2021 12:00:00 AM	36.0	2	2	36	34.0	100.0%
7/8/2021 1:00:00 AM	30.0	2	2	30	NaN	0.0%
7/8/2021 2:00:00 AM	**No Data**					
7/8/2021 3:00:00 AM	23.0	2	2	23	NaN	0.0%
7/8/2021 4:00:00 AM	**No Data**					
7/8/2021 5:00:00 AM	**No Data**					
	....					
7/8/2021 7:00:00 AM	31.0	3	4	32	31.0	50.0%
7/8/2021 8:00:00 AM	31.0	6	7	32	31.0	28.6%
7/8/2021 9:00:00 AM	30.0	9	11	33	32.0	18.2%
7/8/2021 10:00:00 AM	26.0	10	12	28	NaN	0.0%
7/8/2021 11:00:00 AM	31.0	5	6	35	31.8	50.0%

7/8/2021 12:00:00 PM	29.0	8	9	32	31.5	11.1%
7/8/2021 1:00:00 PM	31.0	14	16	38	34.2	18.8%
7/8/2021 2:00:00 PM	31.0	14	16	35	32.5	18.8%
7/8/2021 3:00:00 PM	35.0	9	11	42	34.9	45.5%
7/8/2021 4:00:00 PM	31.7	15	18	39	33.0	33.3%
7/8/2021 5:00:00 PM	34.0	23	27	38	33.5	37.0%
7/8/2021 6:00:00 PM	34.5	14	16	38	34.0	37.5%
7/8/2021 7:00:00 PM	29.0	7	8	31	30.5	12.5%
7/8/2021 8:00:00 PM	32.0	5	6	33	32.0	33.3%
7/8/2021 9:00:00 PM	33.0	5	6	36	34.0	33.3%
7/8/2021 10:00:00 PM	31.0	3	4	36	33.0	50.0%
7/8/2021 11:00:00 PM	27.0	2	2	27	NaN	0.0%
7/9/2021 12:00:00 AM		**No Data**				
7/9/2021 1:00:00 AM	31.0	2	2	31	30.5	50.0%
7/9/2021 2:00:00 AM		**No Data**				
7/9/2021 3:00:00 AM		**No Data**				
7/9/2021 4:00:00 AM	23.0	3	4	24	NaN	0.0%
7/9/2021 5:00:00 AM	30.0	2	2	30	NaN	0.0%
7/9/2021 6:00:00 AM	38.0	2	2	38	37.5	50.0%
7/9/2021 7:00:00 AM	27.0	3	4	31	30.5	25.0%
7/9/2021 8:00:00 AM	32.0	10	12	34	32.5	25.0%
7/9/2021 9:00:00 AM	33.0	6	7	34	32.2	42.9%
7/9/2021 10:00:00 AM	33.0	9	11	37	33.5	45.5%
7/9/2021 11:00:00 AM	27.0	11	13	35	34.5	7.7%
7/9/2021 12:00:00 PM	28.0	7	8	29	NaN	0.0%
7/9/2021 1:00:00 PM	25.5	12	14	33	32.5	7.1%
7/9/2021 2:00:00 PM	28.0	18	21	34	32.5	9.5%
7/9/2021 3:00:00 PM	23.0	31	37	42	41.5	2.7%
7/9/2021 4:00:00 PM	32.0	16	19	48	35.0	31.6%
7/9/2021 5:00:00 PM	34.0	8	10	46	35.2	70.0%
7/9/2021 6:00:00 PM	31.0	8	9	52	41.0	22.2%
7/9/2021 7:00:00 PM	33.0	6	7	35	33.5	28.6%
7/9/2021 8:00:00 PM	24.0	3	4	32	31.5	25.0%
7/9/2021 9:00:00 PM	27.0	2	2	27	NaN	0.0%

7/9/2021 10:00:00 PM	30.0	3	4	32	31.5	25.0%
7/9/2021 11:00:00 PM	32.0	2	2	32	31.5	50.0%
7/10/2021 12:00:00 AM	33.0	2	2	33	32.5	50.0%
7/10/2021 1:00:00 AM	31.0	2	2	31	30.5	50.0%
7/10/2021 2:00:00 AM		**No Data**				
7/10/2021 3:00:00 AM		**No Data**				
7/10/2021 4:00:00 AM	31.0	2	2	31	30.5	50.0%
7/10/2021 5:00:00 AM	35.0	2	2	35	32.5	100.0%
7/10/2021 6:00:00 AM		**No Data**				
7/10/2021 7:00:00 AM		**No Data**				
7/10/2021 8:00:00 AM	33.0	2	2	33	32.5	50.0%
7/10/2021 9:00:00 AM	25.0	2	2	25	NaN	0.0%
7/10/2021 10:00:00 AM	28.0	4	5	30	NaN	0.0%
7/10/2021 11:00:00 AM	31.0	9	11	34	31.8	27.3%
7/10/2021 12:00:00 PM	31.0	6	7	33	31.5	28.6%
7/10/2021 1:00:00 PM	30.0	11	13	33	31.5	15.4%
7/10/2021 2:00:00 PM	30.0	14	16	36	34.0	12.5%
7/10/2021 3:00:00 PM	28.0	15	18	33	31.5	16.7%
7/10/2021 4:00:00 PM	30.0	5	6	31	30.5	16.7%
7/10/2021 5:00:00 PM	29.0	8	10	36	35.5	10.0%
7/10/2021 6:00:00 PM	29.0	3	4	31	30.5	25.0%
7/10/2021 7:00:00 PM	28.0	2	2	28	NaN	0.0%
7/10/2021 8:00:00 PM	34.0	3	4	45	39.0	50.0%
7/10/2021 9:00:00 PM	23.0	5	6	28	NaN	0.0%
7/10/2021 10:00:00 PM	37.0	2	2	37	36.5	50.0%
7/10/2021 11:00:00 PM		**No Data**				
7/11/2021 12:00:00 AM		**No Data**				
7/11/2021 1:00:00 AM	32.5	3	4	33	31.8	75.0%
7/11/2021 2:00:00 AM	33.0	2	2	33	31.5	100.0%
7/11/2021 3:00:00 AM	33.0	2	2	33	32.5	50.0%
7/11/2021 4:00:00 AM		**No Data**				
7/11/2021 5:00:00 AM		**No Data**				
		....				
		....				

Date/Time						
7/11/2021 8:00:00 AM	32.0	2	2	32	31.5	50.0%
7/11/2021 9:00:00 AM	26.0	4	5	27	NaN	0.0%
7/11/2021 10:00:00 AM	28.0	6	7	33	32.5	14.3%
7/11/2021 11:00:00 AM	28.0	8	10	32	31.5	10.0%
7/11/2021 12:00:00 PM	28.0	6	7	33	32.5	14.3%
7/11/2021 1:00:00 PM	29.0	12	14	31	30.5	7.1%
7/11/2021 2:00:00 PM	29.0	14	16	33	32.0	12.5%
7/11/2021 3:00:00 PM	28.0	9	11	35	34.5	9.1%
7/11/2021 4:00:00 PM	29.5	9	11	36	35.5	9.1%
7/11/2021 5:00:00 PM	31.0	11	13	36	32.8	23.1%
7/11/2021 6:00:00 PM	27.0	3	4	32	31.5	25.0%
7/11/2021 7:00:00 PM	30.0	5	6	33	32.5	16.7%
7/11/2021 8:00:00 PM	27.0	8	10	35	34.0	20.0%
7/11/2021 9:00:00 PM	34.0	2	2	34	33.5	50.0%
7/11/2021 10:00:00 PM	29.0	3	4	31	30.5	25.0%
7/11/2021 11:00:00 PM	32.0	2	2	32	31.5	50.0%
7/12/2021 12:00:00 AM		**No Data**				
7/12/2021 1:00:00 AM	32.0	2	2	32	31.5	50.0%
7/12/2021 2:00:00 AM	28.0	2	2	28	NaN	0.0%
7/12/2021 3:00:00 AM		**No Data**				
7/12/2021 4:00:00 AM		**No Data**				
7/12/2021 5:00:00 AM	27.0	2	2	27	NaN	0.0%
7/12/2021 6:00:00 AM	28.0	5	6	46	45.5	16.7%
7/12/2021 7:00:00 AM	31.5	6	7	32	31.2	42.9%
7/12/2021 8:00:00 AM	27.0	9	11	34	33.5	18.2%
7/12/2021 9:00:00 AM	28.0	3	4	29	NaN	0.0%
7/12/2021 10:00:00 AM	28.0	3	4	33	32.5	25.0%
7/12/2021 11:00:00 AM	28.0	3	4	29	NaN	0.0%
7/12/2021 12:00:00 PM	22.0	3	4	30	NaN	0.0%
7/12/2021 1:00:00 PM	29.0	10	12	30	NaN	0.0%
7/12/2021 2:00:00 PM	30.0	8	9	38	37.5	11.1%
7/12/2021 3:00:00 PM	27.0	8	10	30	NaN	0.0%
7/12/2021 4:00:00 PM	27.0	11	13	32	31.5	7.7%
7/12/2021 5:00:00 PM	30.0	8	9	31	30.5	11.1%

7/12/2021 6:00:00 PM	31.0	9	11	35	33.2	27.3%
7/12/2021 7:00:00 PM		**No Data**				
7/12/2021 8:00:00 PM	26.0	5	6	27	NaN	0.0%
7/12/2021 9:00:00 PM	29.0	2	2	29	NaN	0.0%
7/12/2021 10:00:00 PM	24.5	3	4	25	NaN	0.0%
7/12/2021 11:00:00 PM	37.0	3	4	38	35.2	75.0%
7/13/2021 12:00:00 AM		**No Data**				
7/13/2021 1:00:00 AM	32.0	2	2	32	31.5	50.0%
7/13/2021 2:00:00 AM		**No Data**				
7/13/2021 3:00:00 AM		**No Data**				
		....				
7/13/2021 5:00:00 AM	40.0	2	2	40	39.5	50.0%
7/13/2021 6:00:00 AM	23.0	3	4	24	NaN	0.0%
7/13/2021 7:00:00 AM	33.0	8	9	35	32.5	33.3%
7/13/2021 8:00:00 AM	30.0	5	6	34	33.5	16.7%
7/13/2021 9:00:00 AM	29.5	6	7	30	NaN	0.0%
7/13/2021 10:00:00 AM	25.0	4	5	28	NaN	0.0%
7/13/2021 11:00:00 AM	28.0	9	11	37	35.0	18.2%
7/13/2021 12:00:00 PM	28.5	6	7	29	NaN	0.0%
7/13/2021 1:00:00 PM	26.5	9	11	28	NaN	0.0%
7/13/2021 2:00:00 PM	30.5	13	15	33	31.2	20.0%
7/13/2021 3:00:00 PM	29.5	14	16	38	37.5	6.3%
7/13/2021 4:00:00 PM	29.0	8	10	38	34.0	20.0%
7/13/2021 5:00:00 PM	31.0	9	11	37	31.9	45.5%
7/13/2021 6:00:00 PM	31.0	5	6	35	32.5	33.3%
7/13/2021 7:00:00 PM	31.0	10	12	36	33.8	25.0%
7/13/2021 8:00:00 PM	25.0	5	6	34	33.5	16.7%
7/13/2021 9:00:00 PM	28.0	2	2	28	NaN	0.0%
7/13/2021 10:00:00 PM	28.0	3	4	29	NaN	0.0%
7/13/2021 11:00:00 PM	30.0	2	2	30	NaN	0.0%
7/14/2021 12:00:00 AM		**No Data**				
7/14/2021 1:00:00 AM	31.0	2	2	31	30.5	50.0%
7/14/2021 2:00:00 AM		**No Data**				
7/14/2021 3:00:00 AM		**No Data**				

Date/Time	85th pctl	85th pctl counts		Total	Max Speed	Avg Speeder	% Speeders
7/14/2021 4:00:00 AM	26.0	3	4	30	NaN		0.0%
7/14/2021 5:00:00 AM		**No Data**					
7/14/2021 6:00:00 AM		**No Data**					
7/14/2021 7:00:00 AM	32.0	5	6	35	32.2		50.0%
7/14/2021 8:00:00 AM	31.0	6	7	33	31.5		28.6%
7/14/2021 9:00:00 AM	33.0	1	1	33	32.5		100.0%

85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/8/2021 12:00:00 AM	32.3	101	119	44	33.4	24.4%
7/9/2021 12:00:00 AM	32.2	156	183	42	33.1	27.3%
7/10/2021 12:00:00 AM	31.6	167	196	52	34.2	20.4%
7/11/2021 12:00:00 AM	30.7	97	114	45	32.8	20.2%
7/12/2021 12:00:00 AM	31.0	112	132	36	32.4	18.9%
7/13/2021 12:00:00 AM	29.7	107	126	46	33.8	13.5%
7/14/2021 12:00:00 AM	30.3	126	148	40	33.2	16.9%
7/14/2021 8:18:43 AM	32.0	17	20	35	31.8	35.0%

Vehicle Counts Vs. Speed [South Martin Road Pole23 Facing Southeast July 2021: North]