

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 364 STURBRIDGE N/B TRAFFIC
Report Generated: 7/16/2018 11:20:18 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 7/6/2018 2:45:00 PM through 7/13/2018 6:20:00 AM

85th Percentile Speed = 28.0 mph
85th Percentile Vehicles = 1,009 counts
Max Speed = 65.0 mph on 7/11/2018 1:00:00 PM
Total Vehicles = 1,187 counts
AADT: 178.5

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		163	161
AM peak	9:00 to 10:00	5	4
PM peak	5:00 to 6:00	17	16

Speed

Speed limit: 25 mph
85th Percentile Speed: 28.0 mph
Average Speed: 23.2 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	57	62	66	56	33	55	47
% over limit	34.3	35.8	28.1	29.8	29.2	33.5	31.8
Avg speeder	28.5	28.2	28.5	28.0	28.3	28.5	28.2

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

<u>Date/Time Ending</u>	<u>85th pctl(mph)</u>	<u>85th pctl cnts</u>	<u>Total cnts</u>	<u>Max Speed</u>	<u>Avg Speeder</u>	<u>% Speeders</u>
7/6/2018 3:00:00 PM	27.5	4	5	30	27.5	40.0%
7/6/2018 4:00:00 PM	28.1	15	18	30	27.5	44.4%
7/6/2018 5:00:00 PM	25.0	6	7	30	27.5	14.3%
7/6/2018 6:00:00 PM	27.5	13	15	35	29.2	20.0%
7/6/2018 7:00:00 PM	25.0	14	17	30	27.5	17.6%
7/6/2018 8:00:00 PM	28.3	14	16	35	28.8	25.0%
7/6/2018 9:00:00 PM	28.8	8	9	30	27.5	44.4%
7/6/2018 10:00:00 PM	25.0	7	8	40	37.5	12.5%
7/6/2018 11:00:00 PM	30.0	5	6	35	28.8	66.7%
7/7/2018 12:00:00 AM	27.5	5	6	30	27.5	33.3%
7/7/2018 1:00:00 AM	30.0	1	1	30	27.5	100.0%
7/7/2018 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/7/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/7/2018 4:00:00 AM	25.0	1	1	25	NaN	0.0%
7/7/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/7/2018 6:00:00 AM	0.0	0	0	0	NaN	NaN
7/7/2018 7:00:00 AM	0.0	0	0	0	NaN	NaN
7/7/2018 8:00:00 AM	25.0	3	3	25	NaN	0.0%
7/7/2018 9:00:00 AM	25.0	2	2	25	NaN	0.0%
7/7/2018 10:00:00 AM	25.0	2	2	25	NaN	0.0%
7/7/2018 11:00:00 AM	30.0	5	6	35	28.8	66.7%
7/7/2018 12:00:00 PM	27.5	8	9	30	27.5	22.2%
7/7/2018 1:00:00 PM	25.0	7	8	30	27.5	12.5%
7/7/2018 2:00:00 PM	30.0	8	9	35	28.8	44.4%
7/7/2018 3:00:00 PM	27.9	17	20	30	27.5	35.0%
7/7/2018 4:00:00 PM	32.5	8	10	40	30.8	60.0%
7/7/2018 5:00:00 PM	28.8	18	21	35	28.1	42.9%
7/7/2018 6:00:00 PM	25.0	8	10	30	27.5	20.0%
7/7/2018 7:00:00 PM	28.0	18	21	35	28.3	28.6%
7/7/2018 8:00:00 PM	26.7	8	10	30	27.5	30.0%
7/7/2018 9:00:00 PM	28.8	8	9	30	27.5	44.4%
7/7/2018 10:00:00 PM	25.0	7	8	30	27.5	12.5%

7/7/2018 11:00:00 PM	30.0	8	9	35	28.8	44.4%
7/8/2018 12:00:00 AM	25.0	3	4	40	37.5	25.0%
7/8/2018 1:00:00 AM	28.3	4	5	30	27.5	60.0%
7/8/2018 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/8/2018 3:00:00 AM	30.0	1	1	30	27.5	100.0%
7/8/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/8/2018 5:00:00 AM	20.0	1	1	20	NaN	0.0%
7/8/2018 6:00:00 AM	25.0	1	1	25	NaN	0.0%
7/8/2018 7:00:00 AM	30.0	1	1	30	27.5	100.0%
7/8/2018 8:00:00 AM	23.3	3	4	25	NaN	0.0%
7/8/2018 9:00:00 AM	25.0	3	4	30	27.5	25.0%
7/8/2018 10:00:00 AM	25.0	2	2	25	NaN	0.0%
7/8/2018 11:00:00 AM	23.8	4	5	25	NaN	0.0%
7/8/2018 12:00:00 PM	28.3	9	11	30	27.5	54.5%
7/8/2018 1:00:00 PM	25.0	8	9	30	27.5	11.1%
7/8/2018 2:00:00 PM	25.0	9	11	30	27.5	18.2%
7/8/2018 3:00:00 PM	26.7	9	11	30	27.5	27.3%
7/8/2018 4:00:00 PM	27.0	15	18	30	27.5	27.8%
7/8/2018 5:00:00 PM	28.3	15	18	35	28.2	38.9%
7/8/2018 6:00:00 PM	30.0	4	5	35	29.2	60.0%
7/8/2018 7:00:00 PM	27.5	10	12	30	27.5	33.3%
7/8/2018 8:00:00 PM	30.0	6	7	35	29.2	42.9%
7/8/2018 9:00:00 PM	25.0	4	5	30	27.5	20.0%
7/8/2018 10:00:00 PM	30.0	6	7	35	29.2	42.9%
7/8/2018 11:00:00 PM	35.0	6	7	40	35.0	28.6%
7/9/2018 12:00:00 AM	30.0	2	2	30	27.5	50.0%
7/9/2018 1:00:00 AM	25.0	2	2	25	NaN	0.0%
7/9/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/9/2018 3:00:00 AM	20.0	1	1	20	NaN	0.0%
7/9/2018 4:00:00 AM	25.0	1	1	25	NaN	0.0%
7/9/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/9/2018 6:00:00 AM	0.0	0	0	0	NaN	NaN
7/9/2018 7:00:00 AM	30.0	2	2	30	27.5	50.0%
7/9/2018 8:00:00 AM	35.0	3	3	35	30.0	66.7%

7/9/2018 9:00:00 AM	30.0	2	2	30	27.5	50.0%
7/9/2018 10:00:00 AM	27.5	7	8	30	27.5	25.0%
7/9/2018 11:00:00 AM	35.0	8	9	40	35.0	22.2%
7/9/2018 12:00:00 PM	27.5	8	9	30	27.5	22.2%
7/9/2018 1:00:00 PM	27.5	5	6	30	27.5	33.3%
7/9/2018 2:00:00 PM	24.4	9	11	30	27.5	9.1%
7/9/2018 3:00:00 PM	25.0	11	13	30	27.5	15.4%
7/9/2018 4:00:00 PM	25.0	9	11	30	27.5	18.2%
7/9/2018 5:00:00 PM	28.3	12	14	30	27.5	42.9%
7/9/2018 6:00:00 PM	28.0	13	15	30	27.5	33.3%
7/9/2018 7:00:00 PM	28.3	9	11	35	28.8	36.4%
7/9/2018 8:00:00 PM	28.3	11	13	35	28.8	30.8%
7/9/2018 9:00:00 PM	28.8	8	10	30	27.5	80.0%
7/9/2018 10:00:00 PM	29.3	14	17	45	29.7	52.9%
7/9/2018 11:00:00 PM	30.0	4	5	35	30.0	40.0%
7/10/2018 12:00:00 AM	30.0	3	3	30	27.5	66.7%
7/10/2018 1:00:00 AM	25.0	3	3	25	NaN	0.0%
7/10/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/10/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/10/2018 4:00:00 AM	28.8	3	4	30	27.5	100.0%
7/10/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/10/2018 6:00:00 AM	30.0	2	2	30	27.5	50.0%
7/10/2018 7:00:00 AM	35.0	4	5	40	32.5	60.0%
7/10/2018 8:00:00 AM	25.0	4	5	30	27.5	20.0%
7/10/2018 9:00:00 AM	27.5	3	4	30	27.5	50.0%
7/10/2018 10:00:00 AM	23.8	4	5	25	NaN	0.0%
7/10/2018 11:00:00 AM	25.0	7	8	30	27.5	12.5%
7/10/2018 12:00:00 PM	30.0	15	18	35	30.0	33.3%
7/10/2018 1:00:00 PM	28.3	6	7	30	27.5	42.9%
7/10/2018 2:00:00 PM	28.0	8	10	30	27.5	50.0%
7/10/2018 3:00:00 PM	28.3	11	13	35	28.8	30.8%
7/10/2018 4:00:00 PM	29.3	8	9	30	27.5	77.8%
7/10/2018 5:00:00 PM	27.5	8	9	30	27.5	22.2%
7/10/2018 6:00:00 PM	28.8	14	16	35	28.5	31.3%

7/10/2018 7:00:00 PM	30.0	8	9	35	29.2	33.3%
7/10/2018 8:00:00 PM	29.2	8	9	30	27.5	66.7%
7/10/2018 9:00:00 PM	25.0	15	18	30	27.5	16.7%
7/10/2018 10:00:00 PM	26.7	9	11	30	27.5	27.3%
7/10/2018 11:00:00 PM	28.3	7	8	30	27.5	37.5%
7/11/2018 12:00:00 AM	0.0	0	0	0	NaN	NaN
7/11/2018 1:00:00 AM	27.5	3	4	30	27.5	50.0%
7/11/2018 2:00:00 AM	30.0	1	1	30	27.5	100.0%
7/11/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/11/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/11/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/11/2018 6:00:00 AM	25.0	1	1	25	NaN	0.0%
7/11/2018 7:00:00 AM	25.0	3	4	30	27.5	25.0%
7/11/2018 8:00:00 AM	25.0	7	8	30	27.5	12.5%
7/11/2018 9:00:00 AM	25.0	4	5	30	27.5	20.0%
7/11/2018 10:00:00 AM	23.8	6	7	25	NaN	0.0%
7/11/2018 11:00:00 AM	30.0	3	3	30	27.5	66.7%
7/11/2018 12:00:00 PM	24.3	9	11	30	27.5	9.1%
7/11/2018 1:00:00 PM	28.8	12	14	65	34.5	35.7%
7/11/2018 2:00:00 PM	28.3	15	18	40	28.9	38.9%
7/11/2018 3:00:00 PM	26.7	12	14	30	27.5	21.4%
7/11/2018 4:00:00 PM	25.0	9	11	35	30.0	18.2%
7/11/2018 5:00:00 PM	28.0	18	21	35	28.3	28.6%
7/11/2018 6:00:00 PM	28.9	20	23	35	28.0	43.5%
7/11/2018 7:00:00 PM	24.5	24	28	30	27.5	7.1%
7/11/2018 8:00:00 PM	28.3	14	16	30	27.5	37.5%
7/11/2018 9:00:00 PM	29.2	13	15	35	28.2	46.7%
7/11/2018 10:00:00 PM	28.0	12	14	30	27.5	35.7%
7/11/2018 11:00:00 PM	25.0	11	13	30	27.5	15.4%
7/12/2018 12:00:00 AM	27.5	3	4	30	27.5	50.0%
7/12/2018 1:00:00 AM	30.0	2	2	30	27.5	50.0%
7/12/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/12/2018 3:00:00 AM	30.0	2	2	30	27.5	50.0%
7/12/2018 4:00:00 AM	35.0	1	1	35	32.5	100.0%

7/12/2018 5:00:00 AM	10.0	1	1	10	NaN	0.0%
7/12/2018 6:00:00 AM	20.0	1	1	20	NaN	0.0%
7/12/2018 7:00:00 AM	25.0	3	4	30	27.5	25.0%
7/12/2018 8:00:00 AM	25.0	2	2	25	NaN	0.0%
7/12/2018 9:00:00 AM	25.0	4	5	30	27.5	20.0%
7/12/2018 10:00:00 AM	30.0	6	7	35	29.2	42.9%
7/12/2018 11:00:00 AM	25.0	3	4	35	32.5	25.0%
7/12/2018 12:00:00 PM	28.3	4	5	30	27.5	60.0%
7/12/2018 1:00:00 PM	28.8	9	11	35	28.5	45.5%
7/12/2018 2:00:00 PM	30.0	8	9	35	29.2	33.3%
7/12/2018 3:00:00 PM	28.3	13	15	30	27.5	40.0%
7/12/2018 4:00:00 PM	24.4	8	10	30	27.5	10.0%
7/12/2018 5:00:00 PM	26.4	26	31	30	27.5	22.6%
7/12/2018 6:00:00 PM	26.7	21	25	30	27.5	24.0%
7/12/2018 7:00:00 PM	28.8	7	8	30	27.5	50.0%
7/12/2018 8:00:00 PM	24.7	21	25	30	27.5	12.0%
7/12/2018 9:00:00 PM	29.2	7	8	30	27.5	75.0%
7/12/2018 10:00:00 PM	30.0	5	6	35	29.2	50.0%
7/12/2018 11:00:00 PM	25.0	3	3	25	NaN	0.0%
7/13/2018 12:00:00 AM	25.0	3	3	25	NaN	0.0%
7/13/2018 1:00:00 AM	30.0	1	1	30	27.5	100.0%
7/13/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/13/2018 3:00:00 AM	25.0	3	3	25	NaN	0.0%
7/13/2018 4:00:00 AM	25.0	1	1	25	NaN	0.0%
7/13/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/13/2018 6:00:00 AM	0.0	0	0	0	NaN	NaN
7/13/2018 7:00:00 AM	20.0	1	1	20	NaN	0.0%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/7/2018 12:00:00 AM	27.9	91	107	40	28.3	29.9%
7/8/2018 12:00:00 AM	28.3	139	164	40	28.5	33.5%
7/9/2018 12:00:00 AM	28.0	126	148	40	28.2	31.8%

7/10/2018 12:00:00 AM	28.3	141	166	45	28.5	34.3%
7/11/2018 12:00:00 AM	28.3	147	173	40	28.2	35.8%
7/12/2018 12:00:00 AM	27.6	200	235	65	28.5	28.1%
7/13/2018 12:00:00 AM	27.8	160	188	35	28.0	29.8%
7/13/2018 6:20:00 AM	25.0	5	6	30	27.5	16.7%