

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 373 STURBRIDGE S/B TRAFFIC
Report Generated: 7/25/2018 6:07:57 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 7/16/2018 6:25:00 AM through 7/23/2018 6:35:00 AM

85th Percentile Speed = 27.7 mph
85th Percentile Vehicles = 813 counts
Max Speed = 75.0 mph on 7/16/2018 4:00:00 PM
Total Vehicles = 957 counts
AADT: 136.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		126	127
AM peak	8:00 to 9:00	8	7
PM peak	5:00 to 6:00	11	11

Speed

Speed limit: 25 mph
85th Percentile Speed: 27.7 mph
Average Speed: 22.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	39	34	42	41	55	33	37
% over limit	30.7	27.0	30.4	25.3	38.5	25.6	28.0
Avg speeder	28.9	27.8	29.9	28.2	28.0	27.7	28.6

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>
7/16/2018 7:00:00 AM	30.0	1	1	30	27.5	100.0%
7/16/2018 8:00:00 AM	23.3	6	7	25	NaN	0.0%
7/16/2018 9:00:00 AM	30.0	2	2	30	27.5	50.0%
7/16/2018 10:00:00 AM	25.0	5	6	30	27.5	16.7%
7/16/2018 11:00:00 AM	30.0	3	3	30	27.5	33.3%
7/16/2018 12:00:00 PM	27.5	8	9	30	27.5	22.2%
7/16/2018 1:00:00 PM	28.3	6	7	30	27.5	42.9%
7/16/2018 2:00:00 PM	28.3	8	9	30	27.5	33.3%
7/16/2018 3:00:00 PM	25.0	7	8	30	27.5	12.5%
7/16/2018 4:00:00 PM	28.3	9	11	75	38.8	36.4%
7/16/2018 5:00:00 PM	25.0	4	5	30	27.5	20.0%
7/16/2018 6:00:00 PM	26.7	8	10	30	27.5	30.0%
7/16/2018 7:00:00 PM	27.5	9	11	30	27.5	36.4%
7/16/2018 8:00:00 PM	24.2	8	9	25	NaN	0.0%
7/16/2018 9:00:00 PM	29.2	7	8	30	27.5	75.0%
7/16/2018 10:00:00 PM	27.5	6	7	30	27.5	28.6%
7/16/2018 11:00:00 PM	27.5	3	4	30	27.5	50.0%
7/17/2018 12:00:00 AM	30.0	2	2	30	27.5	50.0%
7/17/2018 1:00:00 AM	30.0	3	3	30	27.5	66.7%
7/17/2018 2:00:00 AM	30.0	3	3	30	27.5	66.7%
7/17/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/17/2018 4:00:00 AM	25.0	3	3	25	NaN	0.0%
7/17/2018 5:00:00 AM	20.0	1	1	20	NaN	0.0%
7/17/2018 6:00:00 AM	30.0	1	1	30	27.5	100.0%
7/17/2018 7:00:00 AM	22.5	3	4	25	NaN	0.0%
7/17/2018 8:00:00 AM	28.3	5	6	30	27.5	50.0%
7/17/2018 9:00:00 AM	30.0	3	4	35	30.0	50.0%
7/17/2018 10:00:00 AM	30.0	1	1	30	27.5	100.0%
7/17/2018 11:00:00 AM	23.3	6	7	25	NaN	0.0%
7/17/2018 12:00:00 PM	28.0	10	12	30	27.5	41.7%
7/17/2018 1:00:00 PM	27.5	8	9	30	27.5	22.2%
7/17/2018 2:00:00 PM	22.5	3	4	25	NaN	0.0%

7/17/2018 3:00:00 PM	30.0	2	2	30	27.5	50.0%
7/17/2018 4:00:00 PM	26.7	10	12	30	27.5	25.0%
7/17/2018 5:00:00 PM	26.7	9	11	30	27.5	27.3%
7/17/2018 6:00:00 PM	27.5	8	10	35	29.2	30.0%
7/17/2018 7:00:00 PM	25.0	4	5	30	27.5	20.0%
7/17/2018 8:00:00 PM	27.5	8	9	30	27.5	22.2%
7/17/2018 9:00:00 PM	23.8	4	5	25	NaN	0.0%
7/17/2018 10:00:00 PM	25.0	5	6	30	27.5	16.7%
7/17/2018 11:00:00 PM	25.0	3	3	25	NaN	0.0%
7/18/2018 12:00:00 AM	20.0	3	4	30	27.5	25.0%
7/18/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/18/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/18/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/18/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/18/2018 5:00:00 AM	20.0	1	1	20	NaN	0.0%
7/18/2018 6:00:00 AM	25.0	2	2	25	NaN	0.0%
7/18/2018 7:00:00 AM	25.0	6	7	30	27.5	14.3%
7/18/2018 8:00:00 AM	29.0	9	11	35	28.3	54.5%
7/18/2018 9:00:00 AM	28.3	7	8	30	27.5	37.5%
7/18/2018 10:00:00 AM	25.0	11	13	35	30.0	15.4%
7/18/2018 11:00:00 AM	30.0	6	7	35	30.0	28.6%
7/18/2018 12:00:00 PM	35.0	7	8	40	30.5	62.5%
7/18/2018 1:00:00 PM	24.2	7	8	25	NaN	0.0%
7/18/2018 2:00:00 PM	25.0	7	8	30	27.5	12.5%
7/18/2018 3:00:00 PM	25.0	6	7	35	32.5	14.3%
7/18/2018 4:00:00 PM	30.0	5	6	35	29.2	50.0%
7/18/2018 5:00:00 PM	29.0	8	9	30	27.5	55.6%
7/18/2018 6:00:00 PM	29.4	14	16	35	28.1	56.3%
7/18/2018 7:00:00 PM	45.0	5	6	70	55.0	33.3%
7/18/2018 8:00:00 PM	22.5	5	6	25	NaN	0.0%
7/18/2018 9:00:00 PM	25.0	5	6	30	27.5	16.7%
7/18/2018 10:00:00 PM	23.3	3	4	25	NaN	0.0%
7/18/2018 11:00:00 PM	30.0	2	2	30	27.5	50.0%
7/19/2018 12:00:00 AM	25.0	3	3	25	NaN	0.0%

7/19/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/19/2018 2:00:00 AM	30.0	1	1	30	27.5	100.0%
7/19/2018 3:00:00 AM	15.0	1	1	15	NaN	0.0%
7/19/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/19/2018 5:00:00 AM	25.0	2	2	25	NaN	0.0%
7/19/2018 6:00:00 AM	30.0	1	1	30	27.5	100.0%
7/19/2018 7:00:00 AM	24.0	5	6	25	NaN	0.0%
7/19/2018 8:00:00 AM	27.5	7	8	30	27.5	25.0%
7/19/2018 9:00:00 AM	25.0	5	6	30	27.5	16.7%
7/19/2018 10:00:00 AM	25.0	9	11	30	27.5	18.2%
7/19/2018 11:00:00 AM	25.0	8	9	30	27.5	11.1%
7/19/2018 12:00:00 PM	27.5	10	12	30	27.5	33.3%
7/19/2018 1:00:00 PM	27.9	14	17	30	27.5	41.2%
7/19/2018 2:00:00 PM	25.0	9	11	30	27.5	18.2%
7/19/2018 3:00:00 PM	23.8	6	7	25	NaN	0.0%
7/19/2018 4:00:00 PM	30.0	7	8	50	34.2	37.5%
7/19/2018 5:00:00 PM	27.5	8	9	30	27.5	22.2%
7/19/2018 6:00:00 PM	27.5	9	11	30	27.5	36.4%
7/19/2018 7:00:00 PM	30.0	6	7	35	29.2	42.9%
7/19/2018 8:00:00 PM	27.5	9	11	35	29.2	27.3%
7/19/2018 9:00:00 PM	27.5	6	7	30	27.5	28.6%
7/19/2018 10:00:00 PM	27.5	8	9	30	27.5	22.2%
7/19/2018 11:00:00 PM	25.0	6	7	30	27.5	14.3%
7/20/2018 12:00:00 AM	25.0	1	1	25	NaN	0.0%
7/20/2018 1:00:00 AM	30.0	1	1	30	27.5	100.0%
7/20/2018 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/20/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/20/2018 4:00:00 AM	20.0	1	1	20	NaN	0.0%
7/20/2018 5:00:00 AM	20.0	1	1	20	NaN	0.0%
7/20/2018 6:00:00 AM	30.0	2	2	30	27.5	50.0%
7/20/2018 7:00:00 AM	25.0	5	6	30	27.5	16.7%
7/20/2018 8:00:00 AM	25.0	2	2	25	NaN	0.0%
7/20/2018 9:00:00 AM	28.6	14	17	30	27.5	64.7%
7/20/2018 10:00:00 AM	25.0	5	6	30	27.5	16.7%

7/20/2018 11:00:00 AM	28.8	6	7	30	27.5	57.1%
7/20/2018 12:00:00 PM	26.7	10	12	30	27.5	25.0%
7/20/2018 1:00:00 PM	30.0	8	9	45	32.5	33.3%
7/20/2018 2:00:00 PM	27.5	13	15	30	27.5	26.7%
7/20/2018 3:00:00 PM	30.0	3	3	30	27.5	33.3%
7/20/2018 4:00:00 PM	27.5	6	7	30	27.5	28.6%
7/20/2018 5:00:00 PM	26.7	9	11	30	27.5	27.3%
7/20/2018 6:00:00 PM	32.5	8	9	35	28.9	77.8%
7/20/2018 7:00:00 PM	29.0	8	9	30	27.5	55.6%
7/20/2018 8:00:00 PM	25.0	6	7	30	27.5	14.3%
7/20/2018 9:00:00 PM	28.8	8	9	30	27.5	44.4%
7/20/2018 10:00:00 PM	30.0	3	3	30	27.5	66.7%
7/20/2018 11:00:00 PM	25.0	2	2	25	NaN	0.0%
7/21/2018 12:00:00 AM	30.0	3	3	30	27.5	33.3%
7/21/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2018 5:00:00 AM	30.0	1	1	30	27.5	100.0%
7/21/2018 6:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2018 7:00:00 AM	25.0	3	3	25	NaN	0.0%
7/21/2018 8:00:00 AM	25.0	2	2	25	NaN	0.0%
7/21/2018 9:00:00 AM	30.0	3	3	30	27.5	33.3%
7/21/2018 10:00:00 AM	27.5	4	5	30	27.5	40.0%
7/21/2018 11:00:00 AM	28.8	6	7	30	27.5	57.1%
7/21/2018 12:00:00 PM	27.5	11	13	30	27.5	30.8%
7/21/2018 1:00:00 PM	30.0	7	8	35	30.0	25.0%
7/21/2018 2:00:00 PM	25.0	8	10	30	27.5	20.0%
7/21/2018 3:00:00 PM	25.0	4	5	30	27.5	20.0%
7/21/2018 4:00:00 PM	26.7	10	12	30	27.5	25.0%
7/21/2018 5:00:00 PM	24.5	14	17	30	27.5	11.8%
7/21/2018 6:00:00 PM	26.7	10	12	30	27.5	25.0%
7/21/2018 7:00:00 PM	25.0	8	9	30	27.5	11.1%
7/21/2018 8:00:00 PM	28.3	4	5	30	27.5	60.0%

7/21/2018 9:00:00 PM	27.5	5	6	30	27.5	33.3%
7/21/2018 10:00:00 PM	25.0	3	3	25	NaN	0.0%
7/21/2018 11:00:00 PM	25.0	4	5	30	27.5	20.0%
7/22/2018 12:00:00 AM	30.0	3	3	30	27.5	33.3%
7/22/2018 1:00:00 AM	25.0	1	1	25	NaN	0.0%
7/22/2018 2:00:00 AM	30.0	2	2	30	27.5	50.0%
7/22/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/22/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/22/2018 5:00:00 AM	30.0	1	1	30	27.5	100.0%
7/22/2018 6:00:00 AM	20.0	1	1	20	NaN	0.0%
7/22/2018 7:00:00 AM	35.0	2	2	35	32.5	50.0%
7/22/2018 8:00:00 AM	35.0	1	1	35	32.5	100.0%
7/22/2018 9:00:00 AM	27.5	5	6	30	27.5	33.3%
7/22/2018 10:00:00 AM	25.0	8	9	30	27.5	11.1%
7/22/2018 11:00:00 AM	27.5	8	9	30	27.5	22.2%
7/22/2018 12:00:00 PM	25.0	7	8	30	27.5	12.5%
7/22/2018 1:00:00 PM	27.5	8	9	30	27.5	22.2%
7/22/2018 2:00:00 PM	28.3	7	8	30	27.5	37.5%
7/22/2018 3:00:00 PM	26.7	9	11	30	27.5	27.3%
7/22/2018 4:00:00 PM	28.8	8	9	30	27.5	44.4%
7/22/2018 5:00:00 PM	30.0	8	9	35	30.0	22.2%
7/22/2018 6:00:00 PM	24.2	9	11	30	27.5	9.1%
7/22/2018 7:00:00 PM	26.7	8	10	30	27.5	30.0%
7/22/2018 8:00:00 PM	26.7	12	14	30	27.5	21.4%
7/22/2018 9:00:00 PM	35.0	7	8	40	32.5	50.0%
7/22/2018 10:00:00 PM	15.0	1	1	15	NaN	0.0%
7/22/2018 11:00:00 PM	30.0	1	1	30	27.5	100.0%
7/23/2018 12:00:00 AM	35.0	1	1	35	32.5	100.0%
7/23/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/23/2018 2:00:00 AM	40.0	1	1	40	37.5	100.0%
7/23/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/23/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/23/2018 5:00:00 AM	30.0	2	2	30	27.5	50.0%
7/23/2018 6:00:00 AM	25.0	3	4	30	27.5	25.0%

7/23/2018 7:00:00 AM	30.0	2	2	30	27.5	50.0%
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85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/17/2018 12:00:00 AM	27.6	101	119	75	28.8	30.3%
7/18/2018 12:00:00 AM	27.3	106	125	35	27.8	26.4%
7/19/2018 12:00:00 AM	28.3	117	138	70	29.9	30.4%
7/20/2018 12:00:00 AM	27.2	138	162	50	28.2	25.3%
7/21/2018 12:00:00 AM	28.3	122	143	45	28.0	38.5%
7/22/2018 12:00:00 AM	27.2	110	129	35	27.7	25.6%
7/23/2018 12:00:00 AM	27.8	112	132	40	28.6	28.0%
7/23/2018 6:35:00 AM	30.0	8	9	40	30.0	44.4%