

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 100 N. GRENER S/B
Report Generated: 7/1/2019 6:18:06 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 6/24/2019 3:05:00 PM through 7/1/2019 6:11:46 AM

85th Percentile Speed = 27.5 mph
85th Percentile Vehicles = 2,419 counts
Max Speed = 65.0 mph on 6/29/2019 11:10:00 AM
Total Vehicles = 2,846 counts
AADT: 429.3

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		358	393
AM peak	7:00 to 8:00	21	32
PM peak	4:00 to 5:00	31	32

Speed

Speed limit: 25 mph
85th Percentile Speed: 27.5 mph
Average Speed: 20.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	44	111	94	77	100	171	102
% over limit	23.3	27.2	21.3	17.9	23.8	28.2	28.9
Avg speeder	28.4	28.7	29.7	29.4	28.9	29.0	28.9

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>
6/24/2019 4:00:00 PM	26.9	32	38	35	28.1	23.7%
6/24/2019 5:00:00 PM	27.0	19	22	30	27.5	22.7%
6/24/2019 6:00:00 PM	28.3	24	28	35	28.8	28.6%
6/24/2019 7:00:00 PM	26.7	12	14	30	27.5	21.4%
6/24/2019 8:00:00 PM	27.0	18	21	30	27.5	23.8%
6/24/2019 9:00:00 PM	26.3	16	19	30	27.5	21.1%
6/24/2019 10:00:00 PM	30.0	9	11	45	32.5	36.4%
6/24/2019 11:00:00 PM	30.0	8	9	35	29.2	33.3%
6/25/2019 12:00:00 AM	23.3	7	8	25	NaN	0.0%
6/25/2019 1:00:00 AM	20.0	1	1	20	NaN	0.0%
6/25/2019 2:00:00 AM	30.0	1	1	30	27.5	100.0%
6/25/2019 3:00:00 AM	20.0	1	1	20	NaN	0.0%
6/25/2019 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/25/2019 5:00:00 AM	25.0	1	1	25	NaN	0.0%
6/25/2019 6:00:00 AM	23.8	4	5	25	NaN	0.0%
6/25/2019 7:00:00 AM	29.2	21	25	35	29.2	36.0%
6/25/2019 8:00:00 AM	27.5	22	26	40	28.9	26.9%
6/25/2019 9:00:00 AM	28.0	19	22	35	28.3	27.3%
6/25/2019 10:00:00 AM	25.0	16	19	35	29.2	15.8%
6/25/2019 11:00:00 AM	26.3	22	26	35	28.5	19.2%
6/25/2019 12:00:00 PM	29.3	14	16	35	28.1	50.0%
6/25/2019 1:00:00 PM	26.4	28	33	30	27.5	21.2%
6/25/2019 2:00:00 PM	28.6	23	27	35	28.6	33.3%
6/25/2019 3:00:00 PM	28.3	20	24	35	28.8	33.3%
6/25/2019 4:00:00 PM	31.7	17	20	40	30.6	40.0%
6/25/2019 5:00:00 PM	28.2	41	48	35	28.6	29.2%
6/25/2019 6:00:00 PM	29.4	26	30	35	28.8	40.0%
6/25/2019 7:00:00 PM	24.3	20	23	35	30.0	8.7%
6/25/2019 8:00:00 PM	24.2	17	20	30	27.5	10.0%
6/25/2019 9:00:00 PM	28.0	13	15	30	27.5	33.3%
6/25/2019 10:00:00 PM	30.0	9	11	35	30.8	27.3%
6/25/2019 11:00:00 PM	24.3	10	12	30	27.5	8.3%

6/26/2019 12:00:00 AM	30.0	1	1	30	27.5	100.0%
6/26/2019 1:00:00 AM	22.5	4	5	25	NaN	0.0%
6/26/2019 2:00:00 AM	25.0	8	9	40	37.5	11.1%
6/26/2019 3:00:00 AM	25.0	3	3	25	NaN	0.0%
6/26/2019 4:00:00 AM	25.0	1	1	25	NaN	0.0%
6/26/2019 5:00:00 AM	30.0	3	3	30	27.5	33.3%
6/26/2019 6:00:00 AM	27.5	8	10	35	29.2	30.0%
6/26/2019 7:00:00 AM	28.3	19	22	35	28.2	31.8%
6/26/2019 8:00:00 AM	25.0	25	29	55	35.0	13.8%
6/26/2019 9:00:00 AM	26.7	20	24	40	30.5	20.8%
6/26/2019 10:00:00 AM	27.9	26	31	35	28.6	29.0%
6/26/2019 11:00:00 AM	25.0	14	17	40	32.5	17.6%
6/26/2019 12:00:00 PM	27.5	14	16	35	29.2	18.8%
6/26/2019 1:00:00 PM	27.5	19	22	60	33.5	22.7%
6/26/2019 2:00:00 PM	31.7	16	19	40	31.7	31.6%
6/26/2019 3:00:00 PM	25.0	20	23	30	27.5	13.0%
6/26/2019 4:00:00 PM	30.0	35	41	45	30.3	39.0%
6/26/2019 5:00:00 PM	26.7	20	23	35	28.8	17.4%
6/26/2019 6:00:00 PM	24.6	22	26	30	27.5	11.5%
6/26/2019 7:00:00 PM	25.7	37	43	30	27.5	16.3%
6/26/2019 8:00:00 PM	26.0	23	27	30	27.5	18.5%
6/26/2019 9:00:00 PM	27.5	17	20	35	28.5	25.0%
6/26/2019 10:00:00 PM	25.0	10	12	30	27.5	16.7%
6/26/2019 11:00:00 PM	25.0	7	8	30	27.5	12.5%
6/27/2019 12:00:00 AM	25.0	6	7	30	27.5	14.3%
6/27/2019 1:00:00 AM	10.0	2	2	10	NaN	0.0%
6/27/2019 2:00:00 AM	25.0	2	2	25	NaN	0.0%
6/27/2019 3:00:00 AM	25.0	3	3	25	NaN	0.0%
6/27/2019 4:00:00 AM	13.8	3	4	15	NaN	0.0%
6/27/2019 5:00:00 AM	20.0	2	2	20	NaN	0.0%
6/27/2019 6:00:00 AM	28.3	4	5	30	27.5	60.0%
6/27/2019 7:00:00 AM	27.5	16	19	35	28.5	26.3%
6/27/2019 8:00:00 AM	27.5	14	16	40	30.8	18.8%
6/27/2019 9:00:00 AM	24.3	26	31	40	30.0	12.9%

6/27/2019 10:00:00 AM	24.4	26	31	30	27.5	12.9%
6/27/2019 11:00:00 AM	28.0	11	13	30	27.5	38.5%
6/27/2019 12:00:00 PM	26.7	26	30	50	32.5	16.7%
6/27/2019 1:00:00 PM	25.0	20	23	30	27.5	13.0%
6/27/2019 2:00:00 PM	27.5	19	22	35	28.5	22.7%
6/27/2019 3:00:00 PM	24.4	18	21	35	30.0	9.5%
6/27/2019 4:00:00 PM	29.2	26	30	35	29.2	30.0%
6/27/2019 5:00:00 PM	29.0	26	30	35	29.4	26.7%
6/27/2019 6:00:00 PM	27.5	25	29	35	29.2	20.7%
6/27/2019 7:00:00 PM	30.0	25	29	55	32.5	27.6%
6/27/2019 8:00:00 PM	25.0	17	20	35	29.2	15.0%
6/27/2019 9:00:00 PM	24.0	16	19	30	27.5	10.5%
6/27/2019 10:00:00 PM	23.6	20	24	35	30.0	8.3%
6/27/2019 11:00:00 PM	22.5	16	19	25	NaN	0.0%
6/28/2019 12:00:00 AM	20.0	4	5	25	NaN	0.0%
6/28/2019 1:00:00 AM	25.0	3	3	25	NaN	0.0%
6/28/2019 2:00:00 AM	40.0	3	3	40	37.5	33.3%
6/28/2019 3:00:00 AM	15.0	1	1	15	NaN	0.0%
6/28/2019 4:00:00 AM	25.0	2	2	25	NaN	0.0%
6/28/2019 5:00:00 AM	25.0	2	2	25	NaN	0.0%
6/28/2019 6:00:00 AM	25.0	4	5	30	27.5	20.0%
6/28/2019 7:00:00 AM	28.8	18	21	35	29.2	28.6%
6/28/2019 8:00:00 AM	26.7	22	26	30	27.5	23.1%
6/28/2019 9:00:00 AM	27.9	21	25	35	28.1	32.0%
6/28/2019 10:00:00 AM	26.7	22	26	30	27.5	23.1%
6/28/2019 11:00:00 AM	25.0	23	27	40	32.5	14.8%
6/28/2019 12:00:00 PM	28.3	21	25	35	28.0	40.0%
6/28/2019 1:00:00 PM	25.0	14	17	30	27.5	17.6%
6/28/2019 2:00:00 PM	27.5	12	14	30	27.5	28.6%
6/28/2019 3:00:00 PM	25.0	26	30	30	27.5	13.3%
6/28/2019 4:00:00 PM	25.0	26	30	35	30.0	13.3%
6/28/2019 5:00:00 PM	27.5	32	38	35	29.2	23.7%
6/28/2019 6:00:00 PM	27.9	27	32	40	29.2	28.1%
6/28/2019 7:00:00 PM	27.0	22	26	35	28.3	23.1%

6/28/2019 8:00:00 PM	25.0	8	10	35	30.0	20.0%
6/28/2019 9:00:00 PM	27.5	15	18	40	31.3	22.2%
6/28/2019 10:00:00 PM	30.0	14	17	40	30.0	47.1%
6/28/2019 11:00:00 PM	25.0	10	12	35	30.0	16.7%
6/29/2019 12:00:00 AM	26.7	8	10	30	27.5	30.0%
6/29/2019 1:00:00 AM	30.0	6	7	35	29.2	42.9%
6/29/2019 2:00:00 AM	30.0	1	1	30	27.5	100.0%
6/29/2019 3:00:00 AM	30.0	1	1	30	27.5	100.0%
6/29/2019 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/29/2019 5:00:00 AM	0.0	0	0	0	NaN	NaN
6/29/2019 6:00:00 AM	25.0	4	5	30	27.5	20.0%
6/29/2019 7:00:00 AM	20.0	4	5	30	27.5	20.0%
6/29/2019 8:00:00 AM	28.0	12	14	30	27.5	35.7%
6/29/2019 9:00:00 AM	28.8	25	29	35	29.6	24.1%
6/29/2019 10:00:00 AM	27.5	29	34	35	28.1	26.5%
6/29/2019 11:00:00 AM	24.5	109	128	35	28.4	12.5%
6/29/2019 12:00:00 PM	29.0	42	49	65	31.2	30.6%
6/29/2019 1:00:00 PM	27.1	30	35	50	30.0	22.9%
6/29/2019 2:00:00 PM	29.4	35	41	40	30.2	31.7%
6/29/2019 3:00:00 PM	28.6	42	49	35	28.0	40.8%
6/29/2019 4:00:00 PM	28.3	23	27	35	28.0	37.0%
6/29/2019 5:00:00 PM	29.2	29	34	40	30.0	29.4%
6/29/2019 6:00:00 PM	28.9	26	31	35	28.8	38.7%
6/29/2019 7:00:00 PM	30.0	25	29	35	29.0	44.8%
6/29/2019 8:00:00 PM	27.9	18	21	30	27.5	33.3%
6/29/2019 9:00:00 PM	31.7	12	14	35	30.5	35.7%
6/29/2019 10:00:00 PM	28.1	26	31	35	28.5	32.3%
6/29/2019 11:00:00 PM	20.0	7	8	25	NaN	0.0%
6/30/2019 12:00:00 AM	30.0	12	14	35	30.0	28.6%
6/30/2019 1:00:00 AM	25.0	3	3	25	NaN	0.0%
6/30/2019 2:00:00 AM	20.0	4	5	25	NaN	0.0%
6/30/2019 3:00:00 AM	20.0	2	2	20	NaN	0.0%
6/30/2019 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/30/2019 5:00:00 AM	0.0	0	0	0	NaN	NaN

6/30/2019 6:00:00 AM	30.0	3	3	30	27.5	33.3%
6/30/2019 7:00:00 AM	30.0	5	6	35	29.2	50.0%
6/30/2019 8:00:00 AM	28.0	8	10	30	27.5	50.0%
6/30/2019 9:00:00 AM	27.5	10	12	30	27.5	33.3%
6/30/2019 10:00:00 AM	26.7	16	19	35	28.8	21.1%
6/30/2019 11:00:00 AM	30.0	19	22	40	30.4	31.8%
6/30/2019 12:00:00 PM	28.1	20	23	30	27.5	34.8%
6/30/2019 1:00:00 PM	27.5	18	21	35	28.5	23.8%
6/30/2019 2:00:00 PM	28.3	25	29	35	28.8	27.6%
6/30/2019 3:00:00 PM	27.8	31	36	35	28.0	27.8%
6/30/2019 4:00:00 PM	28.6	20	23	35	28.1	34.8%
6/30/2019 5:00:00 PM	29.5	32	38	45	30.3	42.1%
6/30/2019 6:00:00 PM	28.0	22	26	45	30.4	26.9%
6/30/2019 7:00:00 PM	25.0	15	18	35	29.2	16.7%
6/30/2019 8:00:00 PM	28.8	13	15	35	28.5	33.3%
6/30/2019 9:00:00 PM	25.0	9	11	35	30.0	18.2%
6/30/2019 10:00:00 PM	26.7	12	14	30	27.5	21.4%
6/30/2019 11:00:00 PM	22.5	11	13	30	27.5	7.7%
7/1/2019 12:00:00 AM	30.0	3	4	35	30.0	50.0%
7/1/2019 1:00:00 AM	15.0	1	1	15	NaN	0.0%
7/1/2019 2:00:00 AM	20.0	3	4	25	NaN	0.0%
7/1/2019 3:00:00 AM	25.0	3	3	25	NaN	0.0%
7/1/2019 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/1/2019 5:00:00 AM	25.0	3	3	25	NaN	0.0%
7/1/2019 6:00:00 AM	28.3	3	4	30	27.5	75.0%
7/1/2019 7:00:00 AM	17.5	3	4	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
6/25/2019 12:00:00 AM	27.1	144	170	45	28.5	24.1%
6/26/2019 12:00:00 AM	27.9	346	407	40	28.7	27.3%
6/27/2019 12:00:00 AM	27.0	375	441	60	29.7	21.3%

6/28/2019 12:00:00 AM	26.2	365	429	55	29.4	17.9%
6/29/2019 12:00:00 AM	27.4	357	420	40	28.9	23.8%
6/30/2019 12:00:00 AM	28.1	516	607	65	29.0	28.2%
7/1/2019 12:00:00 AM	28.0	300	353	45	28.9	28.9%
7/1/2019 6:11:46 AM	25.0	16	19	30	27.5	15.8%