

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: 100 N GRENER S/B  
Report Generated: 6/15/2020 7:28:28 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 6/8/2020 7:15:00 AM through 6/15/2020 6:20:00 AM

85th Percentile Speed = 27.8 mph  
85th Percentile Vehicles = 2,188 counts  
Max Speed = 55.0 mph on 6/10/2020 4:55:00 PM  
Total Vehicles = 2,574 counts  
AADT: 369.7

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		343	341
AM peak	10:00 to 11:00	24	23
PM peak	6:00 to 7:00	32	29

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 27.8 mph  
Average Speed: 20.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	102	115	91	90	103	97	79
% over limit	27.4	29.0	25.1	25.0	24.9	29.4	23.2
Avg speeder	28.5	28.8	29.5	28.7	28.8	28.8	29.1

### 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>
6/8/2020 8:00:00 AM	27.5	13	15	35	29.2	20.0%
6/8/2020 9:00:00 AM	29.0	13	15	35	28.3	40.0%
6/8/2020 10:00:00 AM	28.8	13	15	35	28.5	33.3%
6/8/2020 11:00:00 AM	26.3	21	25	35	28.5	20.0%
6/8/2020 12:00:00 PM	25.0	15	18	35	30.8	16.7%
6/8/2020 1:00:00 PM	25.0	22	26	30	27.5	15.4%
6/8/2020 2:00:00 PM	26.9	26	31	30	27.5	25.8%
6/8/2020 3:00:00 PM	28.8	16	19	35	29.2	31.6%
6/8/2020 4:00:00 PM	27.5	24	28	35	28.2	25.0%
6/8/2020 5:00:00 PM	28.3	13	15	35	28.8	26.7%
6/8/2020 6:00:00 PM	28.1	28	33	35	28.5	30.3%
6/8/2020 7:00:00 PM	29.3	26	30	35	29.0	33.3%
6/8/2020 8:00:00 PM	28.1	25	29	35	28.1	31.0%
6/8/2020 9:00:00 PM	27.5	18	21	35	28.5	23.8%
6/8/2020 10:00:00 PM	27.9	18	21	30	27.5	33.3%
6/8/2020 11:00:00 PM	27.5	6	7	30	27.5	28.6%
6/9/2020 12:00:00 AM	25.0	6	7	30	27.5	14.3%
6/9/2020 1:00:00 AM	25.0	1	1	25	NaN	0.0%
6/9/2020 2:00:00 AM	25.0	2	2	25	NaN	0.0%
6/9/2020 3:00:00 AM	0.0	0	0	0	NaN	NaN
6/9/2020 4:00:00 AM	20.0	1	1	20	NaN	0.0%
6/9/2020 5:00:00 AM	25.0	3	4	35	32.5	25.0%
6/9/2020 6:00:00 AM	30.0	9	11	35	29.5	45.5%
6/9/2020 7:00:00 AM	28.1	20	23	30	27.5	34.8%
6/9/2020 8:00:00 AM	25.0	10	12	35	30.0	16.7%
6/9/2020 9:00:00 AM	28.6	15	18	35	28.1	44.4%
6/9/2020 10:00:00 AM	30.0	12	14	35	29.2	42.9%
6/9/2020 11:00:00 AM	28.6	21	25	35	28.6	36.0%
6/9/2020 12:00:00 PM	27.5	22	26	35	28.2	26.9%
6/9/2020 1:00:00 PM	27.9	16	19	30	27.5	36.8%
6/9/2020 2:00:00 PM	27.5	27	32	35	29.6	21.9%
6/9/2020 3:00:00 PM	28.9	30	35	40	29.2	34.3%

6/9/2020 4:00:00 PM	28.3	27	32	40	29.7	28.1%
6/9/2020 5:00:00 PM	30.0	14	16	35	30.8	18.8%
6/9/2020 6:00:00 PM	28.8	19	22	35	29.2	27.3%
6/9/2020 7:00:00 PM	26.7	20	24	30	27.5	25.0%
6/9/2020 8:00:00 PM	28.3	15	18	35	28.2	38.9%
6/9/2020 9:00:00 PM	27.5	23	27	35	29.2	22.2%
6/9/2020 10:00:00 PM	26.3	16	19	30	27.5	21.1%
6/9/2020 11:00:00 PM	25.0	5	6	35	32.5	16.7%
6/10/2020 12:00:00 AM	25.0	8	9	30	27.5	11.1%
6/10/2020 1:00:00 AM	0.0	0	0	0	NaN	NaN
6/10/2020 2:00:00 AM	20.0	3	3	20	NaN	0.0%
6/10/2020 3:00:00 AM	20.0	3	3	20	NaN	0.0%
6/10/2020 4:00:00 AM	30.0	1	1	30	27.5	100.0%
6/10/2020 5:00:00 AM	25.0	3	4	30	27.5	25.0%
6/10/2020 6:00:00 AM	27.5	8	10	30	27.5	40.0%
6/10/2020 7:00:00 AM	26.7	11	13	30	27.5	23.1%
6/10/2020 8:00:00 AM	30.0	13	15	35	30.8	20.0%
6/10/2020 9:00:00 AM	25.0	22	26	30	27.5	15.4%
6/10/2020 10:00:00 AM	25.0	14	16	35	30.0	12.5%
6/10/2020 11:00:00 AM	28.0	23	27	35	28.9	25.9%
6/10/2020 12:00:00 PM	28.8	12	14	35	28.5	35.7%
6/10/2020 1:00:00 PM	25.0	28	33	35	29.5	15.2%
6/10/2020 2:00:00 PM	27.5	17	20	35	28.5	25.0%
6/10/2020 3:00:00 PM	25.0	17	20	40	34.2	15.0%
6/10/2020 4:00:00 PM	31.3	20	23	35	29.7	39.1%
6/10/2020 5:00:00 PM	30.0	22	26	55	32.5	30.8%
6/10/2020 6:00:00 PM	29.0	19	22	35	28.9	31.8%
6/10/2020 7:00:00 PM	28.0	20	24	35	28.9	29.2%
6/10/2020 8:00:00 PM	32.5	13	15	40	30.4	46.7%
6/10/2020 9:00:00 PM	31.7	13	15	35	31.3	26.7%
6/10/2020 10:00:00 PM	26.7	12	14	30	27.5	21.4%
6/10/2020 11:00:00 PM	26.7	10	12	30	27.5	25.0%
6/11/2020 12:00:00 AM	18.8	5	6	20	NaN	0.0%
6/11/2020 1:00:00 AM	20.0	2	2	20	NaN	0.0%

6/11/2020 2:00:00 AM	20.0	1	1	20	NaN	0.0%
6/11/2020 3:00:00 AM	0.0	0	0	0	NaN	NaN
6/11/2020 4:00:00 AM	30.0	1	1	30	27.5	100.0%
6/11/2020 5:00:00 AM	25.0	5	6	35	32.5	16.7%
6/11/2020 6:00:00 AM	32.5	5	6	35	30.0	66.7%
6/11/2020 7:00:00 AM	25.0	9	11	30	27.5	18.2%
6/11/2020 8:00:00 AM	28.8	11	13	45	30.5	38.5%
6/11/2020 9:00:00 AM	27.5	9	11	30	27.5	36.4%
6/11/2020 10:00:00 AM	28.0	14	16	30	27.5	31.3%
6/11/2020 11:00:00 AM	28.8	17	20	45	31.7	30.0%
6/11/2020 12:00:00 PM	25.0	17	20	35	32.5	15.0%
6/11/2020 1:00:00 PM	27.5	17	20	30	27.5	30.0%
6/11/2020 2:00:00 PM	28.0	19	22	35	28.3	27.3%
6/11/2020 3:00:00 PM	27.5	23	27	35	28.2	25.9%
6/11/2020 4:00:00 PM	27.5	24	28	30	27.5	28.6%
6/11/2020 5:00:00 PM	26.3	19	22	30	27.5	18.2%
6/11/2020 6:00:00 PM	24.4	18	21	30	27.5	9.5%
6/11/2020 7:00:00 PM	27.3	33	39	30	27.5	28.2%
6/11/2020 8:00:00 PM	25.0	13	15	30	27.5	13.3%
6/11/2020 9:00:00 PM	30.0	18	21	40	30.4	33.3%
6/11/2020 10:00:00 PM	26.3	18	21	30	27.5	19.0%
6/11/2020 11:00:00 PM	24.0	12	14	30	27.5	7.1%
6/12/2020 12:00:00 AM	35.0	3	3	35	32.5	33.3%
6/12/2020 1:00:00 AM	27.5	4	5	30	27.5	40.0%
6/12/2020 2:00:00 AM	0.0	0	0	0	NaN	NaN
6/12/2020 3:00:00 AM	10.0	1	1	10	NaN	0.0%
6/12/2020 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/12/2020 5:00:00 AM	30.0	6	7	35	29.2	42.9%
6/12/2020 6:00:00 AM	30.0	4	5	35	30.0	40.0%
6/12/2020 7:00:00 AM	25.0	11	13	30	27.5	15.4%
6/12/2020 8:00:00 AM	24.2	17	20	40	35.0	10.0%
6/12/2020 9:00:00 AM	31.7	18	21	40	31.7	28.6%
6/12/2020 10:00:00 AM	28.3	14	16	35	28.8	25.0%
6/12/2020 11:00:00 AM	27.0	21	25	35	28.3	24.0%

6/12/2020 12:00:00 PM	25.0	25	29	35	28.8	13.8%
6/12/2020 1:00:00 PM	27.9	16	19	30	27.5	36.8%
6/12/2020 2:00:00 PM	28.0	23	27	35	28.9	25.9%
6/12/2020 3:00:00 PM	26.4	26	31	30	27.5	22.6%
6/12/2020 4:00:00 PM	29.2	15	18	40	29.4	44.4%
6/12/2020 5:00:00 PM	27.0	25	29	35	28.3	20.7%
6/12/2020 6:00:00 PM	27.9	24	28	35	28.1	28.6%
6/12/2020 7:00:00 PM	29.5	29	34	35	28.9	41.2%
6/12/2020 8:00:00 PM	27.5	17	20	35	28.5	25.0%
6/12/2020 9:00:00 PM	24.4	20	24	30	27.5	12.5%
6/12/2020 10:00:00 PM	27.5	13	15	30	27.5	26.7%
6/12/2020 11:00:00 PM	27.5	12	14	35	29.2	21.4%
6/13/2020 12:00:00 AM	23.0	11	13	25	NaN	0.0%
6/13/2020 1:00:00 AM	25.0	3	3	25	NaN	0.0%
6/13/2020 2:00:00 AM	30.0	3	3	30	27.5	66.7%
6/13/2020 3:00:00 AM	0.0	0	0	0	NaN	NaN
6/13/2020 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/13/2020 5:00:00 AM	30.0	2	2	30	27.5	50.0%
6/13/2020 6:00:00 AM	30.0	1	1	30	27.5	100.0%
6/13/2020 7:00:00 AM	20.0	3	3	20	NaN	0.0%
6/13/2020 8:00:00 AM	30.0	7	8	35	28.5	62.5%
6/13/2020 9:00:00 AM	28.8	8	9	30	27.5	44.4%
6/13/2020 10:00:00 AM	24.0	12	14	35	32.5	7.1%
6/13/2020 11:00:00 AM	25.0	20	23	30	27.5	13.0%
6/13/2020 12:00:00 PM	27.9	21	25	35	28.1	32.0%
6/13/2020 1:00:00 PM	25.0	23	27	35	28.8	14.8%
6/13/2020 2:00:00 PM	28.6	21	25	35	28.6	36.0%
6/13/2020 3:00:00 PM	28.8	22	26	40	29.0	38.5%
6/13/2020 4:00:00 PM	29.3	20	24	35	29.0	41.7%
6/13/2020 5:00:00 PM	26.7	22	26	30	27.5	23.1%
6/13/2020 6:00:00 PM	27.5	24	28	35	28.2	25.0%
6/13/2020 7:00:00 PM	30.0	12	14	35	29.5	35.7%
6/13/2020 8:00:00 PM	29.0	18	21	35	28.9	33.3%
6/13/2020 9:00:00 PM	27.5	11	13	40	30.8	23.1%

6/13/2020 10:00:00 PM	28.8	8	9	30	27.5	44.4%
6/13/2020 11:00:00 PM	25.0	12	14	35	30.0	14.3%
6/14/2020 12:00:00 AM	35.0	12	14	45	33.3	42.9%
6/14/2020 1:00:00 AM	15.0	1	1	15	NaN	0.0%
6/14/2020 2:00:00 AM	15.0	1	1	15	NaN	0.0%
6/14/2020 3:00:00 AM	18.8	5	6	20	NaN	0.0%
6/14/2020 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/14/2020 5:00:00 AM	0.0	0	0	0	NaN	NaN
6/14/2020 6:00:00 AM	15.0	3	3	15	NaN	0.0%
6/14/2020 7:00:00 AM	15.0	2	2	15	NaN	0.0%
6/14/2020 8:00:00 AM	32.5	8	10	40	31.5	50.0%
6/14/2020 9:00:00 AM	30.0	7	8	35	30.0	25.0%
6/14/2020 10:00:00 AM	27.5	13	15	30	27.5	26.7%
6/14/2020 11:00:00 AM	26.7	14	17	40	30.0	23.5%
6/14/2020 12:00:00 PM	25.0	14	16	35	30.0	12.5%
6/14/2020 1:00:00 PM	28.1	31	36	40	29.0	27.8%
6/14/2020 2:00:00 PM	27.5	22	26	35	28.2	26.9%
6/14/2020 3:00:00 PM	30.8	27	32	35	29.6	43.8%
6/14/2020 4:00:00 PM	27.1	29	34	45	29.4	23.5%
6/14/2020 5:00:00 PM	25.0	13	15	30	27.5	13.3%
6/14/2020 6:00:00 PM	22.5	20	23	25	NaN	0.0%
6/14/2020 7:00:00 PM	26.7	24	28	35	29.5	17.9%
6/14/2020 8:00:00 PM	24.4	22	26	30	27.5	11.5%
6/14/2020 9:00:00 PM	28.3	13	15	35	28.8	26.7%
6/14/2020 10:00:00 PM	28.3	7	8	30	27.5	37.5%
6/14/2020 11:00:00 PM	28.8	7	8	30	27.5	50.0%
6/15/2020 12:00:00 AM	20.0	7	8	30	27.5	12.5%
6/15/2020 1:00:00 AM	25.0	3	3	25	NaN	0.0%
6/15/2020 2:00:00 AM	35.0	1	1	35	32.5	100.0%
6/15/2020 3:00:00 AM	0.0	0	0	0	NaN	NaN
6/15/2020 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/15/2020 5:00:00 AM	35.0	3	3	35	32.5	33.3%
6/15/2020 6:00:00 AM	32.5	6	7	35	30.0	57.1%
6/15/2020 7:00:00 AM	30.0	3	3	30	27.5	33.3%

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

<b>Date/Time Ending</b>	<b>85th pctl(mph)</b>	<b>85th pctl counts</b>	<b>Total</b>	<b>Max Speed</b>	<b>Avg Speeder</b>	<b>% Speeders</b>
6/9/2020 12:00:00 AM	27.7	302	355	35	28.4	26.8%
6/10/2020 12:00:00 AM	28.2	337	396	40	28.8	29.0%
6/11/2020 12:00:00 AM	28.0	308	362	55	29.5	25.1%
6/12/2020 12:00:00 AM	27.4	306	360	45	28.7	25.0%
6/13/2020 12:00:00 AM	27.6	352	414	40	28.8	24.9%
6/14/2020 12:00:00 AM	28.2	282	332	45	28.9	29.5%
6/15/2020 12:00:00 AM	27.3	287	338	45	29.0	23.1%
6/15/2020 6:20:00 AM	31.3	14	17	35	30.4	41.2%