

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: 106 N GRENER N/B TRAFFIC  
Report Generated: 7/16/2018 11:12:05 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 6/13/2018 11:30:00 AM through 6/20/2018 2:05:00 PM

85th Percentile Speed = 29.7 mph  
85th Percentile Vehicles = 8,578 counts  
Max Speed = 85.0 mph on 6/13/2018 4:10:00 PM  
Total Vehicles = 10,092 counts  
AADT: 1419.9

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,389	1,328
AM peak	10:00 to 11:00	51	56
PM peak	4:00 to 5:00	202	176

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 29.7 mph  
Average Speed: 25.6 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	901	859	950	947	891	689	677
% over limit	60.0	58.4	59.9	58.6	56.9	58.2	58.0
Avg speeder	28.9	28.9	29.1	28.7	29.0	28.7	28.5

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

<u>Date/Time Ending</u>	<u>85th pct(mph)</u>	<u>85th pct cnts</u>	<u>Total cnts</u>	<u>Max Speed</u>	<u>Avg Speeder</u>	<u>% Speeders</u>
6/13/2018 12:00:00 PM	31.7	25	29	40	29.3	65.5%
6/13/2018 1:00:00 PM	31.3	86	101	45	29.4	61.4%
6/13/2018 2:00:00 PM	29.4	63	74	70	29.3	55.4%
6/13/2018 3:00:00 PM	29.7	88	103	40	28.5	65.0%
6/13/2018 4:00:00 PM	29.8	139	164	60	28.7	68.9%
6/13/2018 5:00:00 PM	29.9	190	223	85	29.3	59.6%
6/13/2018 6:00:00 PM	30.4	152	179	40	28.7	70.4%
6/13/2018 7:00:00 PM	29.8	122	143	35	28.5	60.8%
6/13/2018 8:00:00 PM	29.6	75	88	70	29.4	63.6%
6/13/2018 9:00:00 PM	29.2	68	80	35	28.2	53.8%
6/13/2018 10:00:00 PM	29.1	50	59	35	28.1	52.5%
6/13/2018 11:00:00 PM	30.0	24	28	35	28.8	53.6%
6/14/2018 12:00:00 AM	31.3	17	20	35	29.0	65.0%
6/14/2018 1:00:00 AM	28.3	4	5	30	27.5	60.0%
6/14/2018 2:00:00 AM	30.0	2	2	30	27.5	100.0%
6/14/2018 3:00:00 AM	30.0	6	7	35	28.8	57.1%
6/14/2018 4:00:00 AM	28.3	3	4	30	27.5	75.0%
6/14/2018 5:00:00 AM	35.0	3	3	35	32.5	33.3%
6/14/2018 6:00:00 AM	30.0	2	2	30	27.5	50.0%
6/14/2018 7:00:00 AM	33.3	19	22	45	31.3	54.5%
6/14/2018 8:00:00 AM	30.0	24	28	35	29.0	46.4%
6/14/2018 9:00:00 AM	29.7	35	41	35	28.6	53.7%
6/14/2018 10:00:00 AM	29.7	25	29	35	28.3	62.1%
6/14/2018 11:00:00 AM	29.3	48	56	35	28.1	55.4%
6/14/2018 12:00:00 PM	29.8	48	56	35	28.6	57.1%
6/14/2018 1:00:00 PM	29.4	71	84	35	28.3	57.1%
6/14/2018 2:00:00 PM	29.9	82	96	40	28.8	58.3%
6/14/2018 3:00:00 PM	29.6	99	116	45	28.5	62.1%
6/14/2018 4:00:00 PM	29.6	134	158	45	28.7	62.0%
6/14/2018 5:00:00 PM	29.3	176	207	40	28.5	52.7%
6/14/2018 6:00:00 PM	29.7	183	215	40	28.4	65.1%
6/14/2018 7:00:00 PM	30.6	133	157	65	29.1	65.6%

6/14/2018 8:00:00 PM	29.9	90	106	80	30.3	59.4%
6/14/2018 9:00:00 PM	29.3	68	80	35	28.3	56.3%
6/14/2018 10:00:00 PM	29.5	63	74	35	28.5	54.1%
6/14/2018 11:00:00 PM	28.2	37	44	35	27.8	40.9%
6/15/2018 12:00:00 AM	29.1	20	24	35	28.3	54.2%
6/15/2018 1:00:00 AM	30.0	17	20	35	28.9	55.0%
6/15/2018 2:00:00 AM	27.5	4	5	30	27.5	40.0%
6/15/2018 3:00:00 AM	30.0	7	8	40	29.2	75.0%
6/15/2018 4:00:00 AM	30.0	4	5	35	30.0	40.0%
6/15/2018 5:00:00 AM	0.0	0	0	0	NaN	NaN
6/15/2018 6:00:00 AM	28.8	9	11	35	28.5	45.5%
6/15/2018 7:00:00 AM	28.8	13	15	35	28.5	33.3%
6/15/2018 8:00:00 AM	29.4	34	40	80	30.6	52.5%
6/15/2018 9:00:00 AM	30.0	27	32	35	28.7	65.6%
6/15/2018 10:00:00 AM	29.7	36	42	40	28.8	54.8%
6/15/2018 11:00:00 AM	30.0	51	60	40	29.4	53.3%
6/15/2018 12:00:00 PM	29.1	60	71	65	29.3	47.9%
6/15/2018 1:00:00 PM	30.9	86	101	70	30.0	60.4%
6/15/2018 2:00:00 PM	29.2	71	83	35	28.2	50.6%
6/15/2018 3:00:00 PM	29.6	90	106	40	28.4	65.1%
6/15/2018 4:00:00 PM	29.9	159	187	85	29.5	63.1%
6/15/2018 5:00:00 PM	29.6	176	207	35	28.4	61.8%
6/15/2018 6:00:00 PM	29.8	141	166	40	28.8	56.0%
6/15/2018 7:00:00 PM	29.3	76	90	40	28.4	55.6%
6/15/2018 8:00:00 PM	29.7	76	89	35	28.4	62.9%
6/15/2018 9:00:00 PM	29.5	61	72	35	28.6	52.8%
6/15/2018 10:00:00 PM	30.0	53	62	40	29.2	46.8%
6/15/2018 11:00:00 PM	29.6	37	43	40	29.2	41.9%
6/16/2018 12:00:00 AM	32.2	44	52	50	30.6	55.8%
6/16/2018 1:00:00 AM	28.8	18	21	35	28.1	42.9%
6/16/2018 2:00:00 AM	28.6	10	12	30	27.5	58.3%
6/16/2018 3:00:00 AM	27.5	3	4	30	27.5	50.0%
6/16/2018 4:00:00 AM	25.0	3	4	30	27.5	25.0%
6/16/2018 5:00:00 AM	25.0	3	3	25	NaN	0.0%

6/16/2018 6:00:00 AM	30.0	1	1	30	27.5	100.0%
6/16/2018 7:00:00 AM	30.0	8	9	35	28.5	55.6%
6/16/2018 8:00:00 AM	29.3	13	15	35	28.1	53.3%
6/16/2018 9:00:00 AM	29.4	30	35	35	28.3	57.1%
6/16/2018 10:00:00 AM	28.9	34	40	35	28.0	52.5%
6/16/2018 11:00:00 AM	29.1	47	55	75	29.2	58.2%
6/16/2018 12:00:00 PM	28.8	69	81	35	27.9	50.6%
6/16/2018 1:00:00 PM	29.4	57	67	35	28.3	56.7%
6/16/2018 2:00:00 PM	29.3	61	72	40	28.5	56.9%
6/16/2018 3:00:00 PM	29.9	75	88	45	29.0	55.7%
6/16/2018 4:00:00 PM	29.2	78	92	85	29.5	55.4%
6/16/2018 5:00:00 PM	29.4	88	104	40	28.4	58.7%
6/16/2018 6:00:00 PM	32.2	71	83	40	29.3	72.3%
6/16/2018 7:00:00 PM	29.6	88	103	70	29.1	64.1%
6/16/2018 8:00:00 PM	30.0	62	73	40	28.9	57.5%
6/16/2018 9:00:00 PM	29.4	55	65	35	28.0	70.8%
6/16/2018 10:00:00 PM	29.3	54	64	35	28.8	43.8%
6/16/2018 11:00:00 PM	30.0	34	40	40	29.2	60.0%
6/17/2018 12:00:00 AM	32.1	47	55	40	29.3	69.1%
6/17/2018 1:00:00 AM	28.6	23	27	35	27.9	44.4%
6/17/2018 2:00:00 AM	29.0	12	14	35	28.3	42.9%
6/17/2018 3:00:00 AM	30.0	13	15	35	28.8	53.3%
6/17/2018 4:00:00 AM	25.0	6	7	30	27.5	14.3%
6/17/2018 5:00:00 AM	25.0	1	1	25	NaN	0.0%
6/17/2018 6:00:00 AM	25.0	3	3	25	NaN	0.0%
6/17/2018 7:00:00 AM	28.3	9	11	30	27.5	54.5%
6/17/2018 8:00:00 AM	29.0	19	22	35	28.0	50.0%
6/17/2018 9:00:00 AM	30.0	26	30	35	28.7	56.7%
6/17/2018 10:00:00 AM	29.1	37	44	40	28.7	47.7%
6/17/2018 11:00:00 AM	30.4	66	78	40	29.0	61.5%
6/17/2018 12:00:00 PM	29.8	66	78	40	28.6	66.7%
6/17/2018 1:00:00 PM	29.1	79	93	40	28.2	55.9%
6/17/2018 2:00:00 PM	29.0	83	98	35	27.9	57.1%
6/17/2018 3:00:00 PM	29.6	63	74	40	28.5	60.8%

6/17/2018 4:00:00 PM	29.9	75	88	35	28.6	61.4%
6/17/2018 5:00:00 PM	29.2	87	102	35	28.1	53.9%
6/17/2018 6:00:00 PM	29.6	68	80	35	28.5	57.5%
6/17/2018 7:00:00 PM	31.3	64	75	40	29.1	66.7%
6/17/2018 8:00:00 PM	29.6	50	59	35	28.5	59.3%
6/17/2018 9:00:00 PM	29.3	54	64	35	28.1	64.1%
6/17/2018 10:00:00 PM	29.8	39	46	35	28.4	69.6%
6/17/2018 11:00:00 PM	31.0	28	33	50	30.1	51.5%
6/18/2018 12:00:00 AM	29.3	20	23	35	28.6	39.1%
6/18/2018 1:00:00 AM	29.0	12	14	40	29.2	42.9%
6/18/2018 2:00:00 AM	30.0	3	4	35	29.2	75.0%
6/18/2018 3:00:00 AM	27.5	3	4	30	27.5	50.0%
6/18/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
6/18/2018 5:00:00 AM	25.0	1	1	25	NaN	0.0%
6/18/2018 6:00:00 AM	30.0	3	3	30	27.5	33.3%
6/18/2018 7:00:00 AM	29.4	16	19	40	29.3	57.9%
6/18/2018 8:00:00 AM	29.1	35	41	35	28.3	46.3%
6/18/2018 9:00:00 AM	31.0	30	35	45	29.2	65.7%
6/18/2018 10:00:00 AM	29.7	40	47	40	29.1	46.8%
6/18/2018 11:00:00 AM	31.1	48	56	40	29.1	62.5%
6/18/2018 12:00:00 PM	31.4	45	53	50	30.4	54.7%
6/18/2018 1:00:00 PM	29.2	72	85	65	29.0	51.8%
6/18/2018 2:00:00 PM	30.5	66	78	55	29.3	62.8%
6/18/2018 3:00:00 PM	29.9	92	108	40	28.7	63.0%
6/18/2018 4:00:00 PM	30.9	136	160	40	28.9	67.5%
6/18/2018 5:00:00 PM	30.2	166	195	40	28.8	65.6%
6/18/2018 6:00:00 PM	30.0	164	193	40	28.7	67.4%
6/18/2018 7:00:00 PM	30.5	120	141	55	29.4	56.7%
6/18/2018 8:00:00 PM	29.7	67	79	45	29.0	53.2%
6/18/2018 9:00:00 PM	29.0	59	69	35	28.1	49.3%
6/18/2018 10:00:00 PM	29.1	48	57	35	28.1	57.9%
6/18/2018 11:00:00 PM	30.0	30	35	35	28.9	51.4%
6/19/2018 12:00:00 AM	32.5	21	25	40	30.0	64.0%
6/19/2018 1:00:00 AM	28.8	8	10	35	28.5	50.0%

6/19/2018 2:00:00 AM	30.0	2	2	30	27.5	50.0%
6/19/2018 3:00:00 AM	26.7	9	11	30	27.5	27.3%
6/19/2018 4:00:00 AM	25.0	2	2	25	NaN	0.0%
6/19/2018 5:00:00 AM	30.0	3	3	30	27.5	33.3%
6/19/2018 6:00:00 AM	30.0	3	4	50	37.5	50.0%
6/19/2018 7:00:00 AM	30.0	18	21	40	28.9	66.7%
6/19/2018 8:00:00 AM	35.0	27	32	75	35.6	56.3%
6/19/2018 9:00:00 AM	29.2	28	33	35	28.4	48.5%
6/19/2018 10:00:00 AM	30.0	34	40	35	28.4	80.0%
6/19/2018 11:00:00 AM	32.0	37	43	65	31.0	55.8%
6/19/2018 12:00:00 PM	30.0	39	46	40	29.4	58.7%
6/19/2018 1:00:00 PM	28.8	71	84	60	28.6	48.8%
6/19/2018 2:00:00 PM	29.1	72	85	70	29.8	45.9%
6/19/2018 3:00:00 PM	29.4	84	99	40	28.3	63.6%
6/19/2018 4:00:00 PM	29.9	167	196	45	28.6	66.3%
6/19/2018 5:00:00 PM	29.7	160	188	40	28.7	60.6%
6/19/2018 6:00:00 PM	29.4	159	187	40	28.5	58.8%
6/19/2018 7:00:00 PM	29.8	110	129	40	28.7	63.6%
6/19/2018 8:00:00 PM	30.0	70	82	40	28.7	65.9%
6/19/2018 9:00:00 PM	29.2	60	71	55	29.4	43.7%
6/19/2018 10:00:00 PM	29.3	45	53	35	28.4	52.8%
6/19/2018 11:00:00 PM	29.5	32	38	35	29.1	42.1%
6/20/2018 12:00:00 AM	29.2	11	13	35	28.2	53.8%
6/20/2018 1:00:00 AM	30.0	9	11	55	35.0	36.4%
6/20/2018 2:00:00 AM	27.5	5	6	30	27.5	33.3%
6/20/2018 3:00:00 AM	30.0	5	6	40	29.2	100.0%
6/20/2018 4:00:00 AM	28.3	6	7	30	27.5	42.9%
6/20/2018 5:00:00 AM	28.3	5	6	30	27.5	50.0%
6/20/2018 6:00:00 AM	25.0	3	4	30	27.5	25.0%
6/20/2018 7:00:00 AM	35.0	8	9	65	35.0	66.7%
6/20/2018 8:00:00 AM	30.0	30	35	35	29.3	40.0%
6/20/2018 9:00:00 AM	28.9	28	33	80	34.6	36.4%
6/20/2018 10:00:00 AM	30.0	31	37	35	28.8	64.9%
6/20/2018 11:00:00 AM	31.3	38	45	55	31.0	51.1%

6/20/2018 12:00:00 PM	31.5	58	68	50	29.9	57.4%
6/20/2018 1:00:00 PM	27.5	22	26	35	28.2	26.9%
6/20/2018 2:00:00 PM	0.0	0	0	0	NaN	NaN
6/20/2018 3:00:00 PM	0.0	0	0	0	NaN	NaN

**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>
6/14/2018 12:00:00 AM	29.8	1097	1291	85	28.9	62.4%
6/15/2018 12:00:00 AM	29.6	1374	1616	80	28.7	58.6%
6/16/2018 12:00:00 AM	29.7	1332	1567	85	29.0	57.0%
6/17/2018 12:00:00 AM	29.6	1008	1186	85	28.7	58.3%
6/18/2018 12:00:00 AM	29.5	990	1165	50	28.5	57.9%
6/19/2018 12:00:00 AM	29.9	1277	1502	65	28.9	60.0%
6/20/2018 12:00:00 AM	29.6	1251	1472	75	28.9	58.3%
6/20/2018 2:05:00 PM	29.9	249	293	80	30.3	49.1%