

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 760 PRAIRIE RD N/B TRAFFIC
Report Generated: 8/14/2018 6:26:35 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 7/25/2018 6:40:00 AM through 8/2/2018 6:10:00 AM

85th Percentile Speed = 29.1 mph
85th Percentile Vehicles = 1,837 counts
Max Speed = 70.0 mph on 7/25/2018 11:15:00 AM
Total Vehicles = 2,161 counts
AADT: 270.8

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		251	250
AM peak	7:00 to 8:00	27	22
PM peak	5:00 to 6:00	24	22

Speed

Speed limit: 25 mph
85th Percentile Speed: 29.1 mph
Average Speed: 23.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	118	142	245	161	150	113	83
% over limit	41.1	56.6	48.7	51.8	47.9	43.8	34.9
Avg speeder	28.4	28.6	28.6	28.6	28.4	28.1	28.1

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>
7/25/2018 7:00:00 AM	20.0	2	2	20	NaN	0.0%
7/25/2018 8:00:00 AM	23.8	10	12	30	27.5	8.3%
7/25/2018 9:00:00 AM	30.0	20	24	35	29.0	54.2%
7/25/2018 10:00:00 AM	28.3	13	15	45	31.3	26.7%
7/25/2018 11:00:00 AM	27.5	8	10	35	29.2	30.0%
7/25/2018 12:00:00 PM	29.2	15	18	70	33.1	44.4%
7/25/2018 1:00:00 PM	30.0	5	6	35	28.8	66.7%
7/25/2018 2:00:00 PM	30.0	14	17	40	30.4	41.2%
7/25/2018 3:00:00 PM	30.0	6	7	35	28.3	85.7%
7/25/2018 4:00:00 PM	28.5	15	18	30	27.5	55.6%
7/25/2018 5:00:00 PM	30.0	17	20	35	29.4	40.0%
7/25/2018 6:00:00 PM	31.7	24	28	35	29.8	46.4%
7/25/2018 7:00:00 PM	24.7	24	28	30	27.5	10.7%
7/25/2018 8:00:00 PM	28.6	13	15	30	27.5	46.7%
7/25/2018 9:00:00 PM	28.3	7	8	30	27.5	37.5%
7/25/2018 10:00:00 PM	26.7	8	10	30	27.5	30.0%
7/25/2018 11:00:00 PM	29.0	5	6	30	27.5	83.3%
7/26/2018 12:00:00 AM	0.0	0	0	0	NaN	NaN
7/26/2018 1:00:00 AM	30.0	2	2	30	27.5	100.0%
7/26/2018 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/26/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/26/2018 4:00:00 AM	20.0	1	1	20	NaN	0.0%
7/26/2018 5:00:00 AM	30.0	4	5	35	30.0	40.0%
7/26/2018 6:00:00 AM	32.5	11	13	40	29.7	69.2%
7/26/2018 7:00:00 AM	28.6	23	27	30	27.5	51.9%
7/26/2018 8:00:00 AM	30.0	26	30	35	28.8	53.3%
7/26/2018 9:00:00 AM	30.0	15	18	35	28.7	72.2%
7/26/2018 10:00:00 AM	31.7	9	11	35	30.0	54.5%
7/26/2018 11:00:00 AM	31.7	9	11	35	28.9	100.0%
7/26/2018 12:00:00 PM	32.5	8	9	35	29.2	66.7%
7/26/2018 1:00:00 PM	30.0	17	20	35	28.8	60.0%
7/26/2018 2:00:00 PM	28.3	8	10	35	28.8	40.0%

7/26/2018 3:00:00 PM	26.3	14	17	30	27.5	23.5%
7/26/2018 4:00:00 PM	29.2	11	13	35	28.2	53.8%
7/26/2018 5:00:00 PM	28.0	12	14	30	27.5	35.7%
7/26/2018 6:00:00 PM	30.0	26	31	40	29.2	58.1%
7/26/2018 7:00:00 PM	29.0	12	14	35	28.3	42.9%
7/26/2018 8:00:00 PM	27.5	14	16	30	27.5	25.0%
7/26/2018 9:00:00 PM	28.3	11	13	35	28.8	30.8%
7/26/2018 10:00:00 PM	28.3	8	10	35	28.8	40.0%
7/26/2018 11:00:00 PM	28.3	6	7	30	27.5	42.9%
7/27/2018 12:00:00 AM	30.0	3	3	30	27.5	66.7%
7/27/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/27/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/27/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/27/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/27/2018 5:00:00 AM	30.0	4	5	35	28.8	80.0%
7/27/2018 6:00:00 AM	29.2	10	12	35	28.2	58.3%
7/27/2018 7:00:00 AM	30.0	20	23	35	28.7	56.5%
7/27/2018 8:00:00 AM	28.9	21	25	35	27.8	60.0%
7/27/2018 9:00:00 AM	28.8	12	14	35	28.5	35.7%
7/27/2018 10:00:00 AM	29.4	15	18	45	30.0	55.6%
7/27/2018 11:00:00 AM	29.2	11	13	35	28.2	53.8%
7/27/2018 12:00:00 PM	28.0	12	14	30	27.5	35.7%
7/27/2018 1:00:00 PM	30.0	10	12	35	28.8	66.7%
7/27/2018 2:00:00 PM	28.5	19	22	30	27.5	45.5%
7/27/2018 3:00:00 PM	29.0	14	16	35	28.3	37.5%
7/27/2018 4:00:00 PM	30.0	14	16	35	28.9	43.8%
7/27/2018 5:00:00 PM	30.0	14	16	35	30.0	25.0%
7/27/2018 6:00:00 PM	28.9	20	24	35	27.8	62.5%
7/27/2018 7:00:00 PM	28.8	24	28	35	27.9	50.0%
7/27/2018 8:00:00 PM	28.1	20	24	35	28.1	37.5%
7/27/2018 9:00:00 PM	28.3	9	11	35	28.8	36.4%
7/27/2018 10:00:00 PM	26.7	10	12	30	27.5	25.0%
7/27/2018 11:00:00 PM	30.0	3	3	30	27.5	33.3%
7/28/2018 12:00:00 AM	30.0	4	5	40	30.8	60.0%

7/28/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/28/2018 2:00:00 AM	25.0	2	2	25	NaN	0.0%
7/28/2018 3:00:00 AM	30.0	1	1	30	27.5	100.0%
7/28/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/28/2018 5:00:00 AM	20.0	2	2	20	NaN	0.0%
7/28/2018 6:00:00 AM	30.0	1	1	30	27.5	100.0%
7/28/2018 7:00:00 AM	32.5	6	7	35	29.2	85.7%
7/28/2018 8:00:00 AM	28.3	8	10	30	27.5	60.0%
7/28/2018 9:00:00 AM	29.4	11	13	35	28.0	76.9%
7/28/2018 10:00:00 AM	29.6	18	21	40	28.6	66.7%
7/28/2018 11:00:00 AM	28.5	20	24	35	28.0	45.8%
7/28/2018 12:00:00 PM	30.0	8	9	35	28.8	44.4%
7/28/2018 1:00:00 PM	27.5	17	20	30	27.5	30.0%
7/28/2018 2:00:00 PM	27.0	15	18	30	27.5	27.8%
7/28/2018 3:00:00 PM	26.7	13	15	30	27.5	20.0%
7/28/2018 4:00:00 PM	28.6	14	17	35	28.1	47.1%
7/28/2018 5:00:00 PM	28.9	17	20	35	28.0	50.0%
7/28/2018 6:00:00 PM	28.6	17	20	35	28.1	40.0%
7/28/2018 7:00:00 PM	27.5	9	11	30	27.5	36.4%
7/28/2018 8:00:00 PM	29.0	13	15	35	28.3	40.0%
7/28/2018 9:00:00 PM	28.0	14	16	30	27.5	31.3%
7/28/2018 10:00:00 PM	25.0	8	10	30	27.5	20.0%
7/28/2018 11:00:00 PM	30.0	4	5	35	29.2	60.0%
7/29/2018 12:00:00 AM	25.0	1	1	25	NaN	0.0%
7/29/2018 1:00:00 AM	30.0	3	4	35	30.0	50.0%
7/29/2018 2:00:00 AM	30.0	3	3	30	27.5	33.3%
7/29/2018 3:00:00 AM	20.0	4	5	25	NaN	0.0%
7/29/2018 4:00:00 AM	30.0	1	1	30	27.5	100.0%
7/29/2018 5:00:00 AM	25.0	2	2	25	NaN	0.0%
7/29/2018 6:00:00 AM	25.0	5	6	30	27.5	16.7%
7/29/2018 7:00:00 AM	28.3	4	5	30	27.5	60.0%
7/29/2018 8:00:00 AM	28.8	6	7	30	27.5	57.1%
7/29/2018 9:00:00 AM	28.3	8	9	30	27.5	33.3%
7/29/2018 10:00:00 AM	29.3	13	15	35	28.1	53.3%

7/29/2018 11:00:00 AM	25.0	9	11	35	30.0	18.2%
7/29/2018 12:00:00 PM	28.9	20	23	30	27.5	60.9%
7/29/2018 1:00:00 PM	25.0	14	17	30	27.5	17.6%
7/29/2018 2:00:00 PM	27.0	15	18	30	27.5	27.8%
7/29/2018 3:00:00 PM	28.3	11	13	35	28.8	30.8%
7/29/2018 4:00:00 PM	28.3	19	22	35	28.2	31.8%
7/29/2018 5:00:00 PM	29.0	13	15	35	28.3	40.0%
7/29/2018 6:00:00 PM	27.5	14	17	35	28.5	29.4%
7/29/2018 7:00:00 PM	28.8	11	13	35	28.5	38.5%
7/29/2018 8:00:00 PM	24.0	11	13	30	27.5	7.7%
7/29/2018 9:00:00 PM	27.5	9	11	30	27.5	36.4%
7/29/2018 10:00:00 PM	32.5	4	5	35	30.8	60.0%
7/29/2018 11:00:00 PM	30.0	2	2	30	27.5	50.0%
7/30/2018 12:00:00 AM	25.0	1	1	25	NaN	0.0%
7/30/2018 1:00:00 AM	27.5	3	4	30	27.5	50.0%
7/30/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/30/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/30/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/30/2018 5:00:00 AM	30.0	3	4	35	28.8	100.0%
7/30/2018 6:00:00 AM	32.5	7	8	35	29.2	75.0%
7/30/2018 7:00:00 AM	27.5	11	13	30	27.5	30.8%
7/30/2018 8:00:00 AM	29.7	26	30	40	28.6	63.3%
7/30/2018 9:00:00 AM	29.4	20	24	35	28.8	50.0%
7/30/2018 10:00:00 AM	32.5	14	16	40	30.0	50.0%
7/30/2018 11:00:00 AM	28.0	13	15	30	27.5	33.3%
7/30/2018 12:00:00 PM	25.0	14	17	30	27.5	17.6%
7/30/2018 1:00:00 PM	24.3	10	12	30	27.5	8.3%
7/30/2018 2:00:00 PM	26.7	12	14	30	27.5	21.4%
7/30/2018 3:00:00 PM	28.3	10	12	30	27.5	50.0%
7/30/2018 4:00:00 PM	29.2	11	13	35	28.2	53.8%
7/30/2018 5:00:00 PM	25.0	10	12	30	27.5	16.7%
7/30/2018 6:00:00 PM	29.3	20	24	35	29.0	41.7%
7/30/2018 7:00:00 PM	27.5	21	25	30	27.5	32.0%
7/30/2018 8:00:00 PM	28.6	14	17	35	28.1	47.1%

7/30/2018 9:00:00 PM	25.0	8	9	30	27.5	11.1%
7/30/2018 10:00:00 PM	30.0	8	9	35	28.5	55.6%
7/30/2018 11:00:00 PM	30.0	6	7	35	28.8	57.1%
7/31/2018 12:00:00 AM	25.0	2	2	25	NaN	0.0%
7/31/2018 1:00:00 AM	30.0	1	1	30	27.5	100.0%
7/31/2018 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/31/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/31/2018 4:00:00 AM	40.0	1	1	40	37.5	100.0%
7/31/2018 5:00:00 AM	25.0	1	1	25	NaN	0.0%
7/31/2018 6:00:00 AM	30.0	8	10	35	29.2	60.0%
7/31/2018 7:00:00 AM	29.4	17	20	35	28.5	50.0%
7/31/2018 8:00:00 AM	31.7	25	29	35	29.0	69.0%
7/31/2018 9:00:00 AM	29.3	13	15	40	28.8	53.3%
7/31/2018 10:00:00 AM	28.3	7	8	30	27.5	37.5%
7/31/2018 11:00:00 AM	28.3	10	12	30	27.5	50.0%
7/31/2018 12:00:00 PM	30.0	5	6	35	28.5	83.3%
7/31/2018 1:00:00 PM	31.7	13	15	35	28.8	80.0%
7/31/2018 2:00:00 PM	28.3	15	18	30	27.5	50.0%
7/31/2018 3:00:00 PM	27.5	8	10	30	27.5	40.0%
7/31/2018 4:00:00 PM	30.0	8	9	40	29.5	55.6%
7/31/2018 5:00:00 PM	28.6	12	14	30	27.5	50.0%
7/31/2018 6:00:00 PM	29.4	23	27	35	28.0	70.4%
7/31/2018 7:00:00 PM	30.0	14	16	35	28.8	50.0%
7/31/2018 8:00:00 PM	26.7	10	12	30	27.5	25.0%
7/31/2018 9:00:00 PM	30.0	9	11	40	29.6	63.6%
7/31/2018 10:00:00 PM	30.0	6	7	35	28.8	57.1%
7/31/2018 11:00:00 PM	30.0	6	7	35	29.2	42.9%
8/1/2018 12:00:00 AM	35.0	3	3	35	32.5	33.3%
8/1/2018 1:00:00 AM	30.0	2	2	30	27.5	50.0%
8/1/2018 2:00:00 AM	25.0	2	2	25	NaN	0.0%
8/1/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
8/1/2018 4:00:00 AM	0.0	0	0	0	NaN	NaN
8/1/2018 5:00:00 AM	40.0	2	2	40	32.5	100.0%
8/1/2018 6:00:00 AM	29.0	8	10	40	29.2	60.0%

8/1/2018 7:00:00 AM	30.0	25	29	35	28.7	58.6%
8/1/2018 8:00:00 AM	29.3	30	35	35	27.9	71.4%
8/1/2018 9:00:00 AM	29.5	17	20	35	28.3	60.0%
8/1/2018 10:00:00 AM	25.0	3	3	25	NaN	0.0%
8/1/2018 11:00:00 AM	29.4	13	15	35	28.1	60.0%
8/1/2018 12:00:00 PM	28.6	9	11	30	27.5	63.6%
8/1/2018 1:00:00 PM	28.8	5	6	30	27.5	66.7%
8/1/2018 2:00:00 PM	32.5	7	8	35	29.5	62.5%
8/1/2018 3:00:00 PM	29.0	9	11	35	28.3	54.5%
8/1/2018 4:00:00 PM	29.0	9	11	35	28.3	54.5%
8/1/2018 5:00:00 PM	27.5	8	10	30	27.5	40.0%
8/1/2018 6:00:00 PM	28.2	20	24	30	27.5	45.8%
8/1/2018 7:00:00 PM	30.0	10	12	35	28.9	58.3%
8/1/2018 8:00:00 PM	29.0	14	16	30	27.5	62.5%
8/1/2018 9:00:00 PM	29.2	11	13	35	28.2	53.8%
8/1/2018 10:00:00 PM	28.3	5	6	30	27.5	50.0%
8/1/2018 11:00:00 PM	33.3	8	9	35	31.3	44.4%
8/2/2018 12:00:00 AM	30.0	2	2	30	27.5	50.0%
8/2/2018 1:00:00 AM	0.0	0	0	0	NaN	NaN
8/2/2018 2:00:00 AM	0.0	0	0	0	NaN	NaN
8/2/2018 3:00:00 AM	0.0	0	0	0	NaN	NaN
8/2/2018 4:00:00 AM	30.0	1	1	30	27.5	100.0%
8/2/2018 5:00:00 AM	35.0	2	2	35	30.0	100.0%
8/2/2018 6:00:00 AM	30.0	8	9	35	28.8	44.4%
8/2/2018 7:00:00 AM	30.0	3	3	30	27.5	66.7%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/26/2018 12:00:00 AM	29.0	207	244	70	29.1	40.2%
7/27/2018 12:00:00 AM	29.5	252	296	40	28.6	51.4%
7/28/2018 12:00:00 AM	29.0	266	313	45	28.4	47.9%
7/29/2018 12:00:00 AM	28.7	219	258	40	28.1	43.8%
7/30/2018 12:00:00 AM	28.2	202	238	35	28.1	34.9%

7/31/2018 12:00:00 AM	28.8	244	287	40	28.4	41.1%
8/1/2018 12:00:00 AM	29.5	215	253	40	28.6	56.1%
8/2/2018 12:00:00 AM	29.3	218	257	40	28.3	57.2%
8/2/2018 6:10:00 AM	30.0	13	15	35	28.6	60.0%