

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 8617 SQUAD (PRAIRIE SIDE) N/B
Report Generated: 5/19/2022 7:03:51 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 5/12/2022 6:20:00 AM through 5/19/2022 6:55:00 AM

85th Percentile Speed = 28.9 mph
85th Percentile Vehicles = 1,522 counts
Max Speed = 45.0 mph on 5/12/2022 6:35:00 AM
Total Vehicles = 1,790 counts
AADT: 254.8

Volumes - weekly vehicle counts

Time	5 Day	7 Day
Average Daily	222	230
AM peak 10:00 to 11:00	25	25
PM peak 4:00 to 5:00	19	17

Speed
Speed limit: 25 mph
85th Percentile Speed: 28.9 mph
Average Speed: 21.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	76	75	93	193	64	65	59
% over limit	38.4	40.1	51.4	54.5	17.3	19.5	35.1
Avg speeder	28.7	28.8	28.8	29.5	28.7	28.7	28.5

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

Date/Time Ending	85th pctl(mph)	85th pctl cnts	Total cnts	Max Speed	Avg Speeder	% Speeders
5/12/2022 7:00:00 AM	33.1	123	145	45	29.8	79.3%
5/12/2022 8:00:00 AM	24.2	17	20	35	32.5	10.0%
5/12/2022 9:00:00 AM	27.5	6	7	30	27.5	28.6%
5/12/2022 10:00:00 AM	28.3	4	5	30	27.5	60.0%
5/12/2022 11:00:00 AM	30.0	12	14	35	28.6	64.3%
5/12/2022 12:00:00 PM	27.5	5	6	30	27.5	33.3%
5/12/2022 1:00:00 PM	29.2	11	13	35	28.2	53.8%
5/12/2022 2:00:00 PM	30.0	4	5	35	30.0	40.0%
5/12/2022 3:00:00 PM	32.5	11	13	40	30.4	53.8%
5/12/2022 4:00:00 PM	28.0	16	19	35	28.3	31.6%
5/12/2022 5:00:00 PM	30.0	20	23	35	28.8	52.2%
5/12/2022 6:00:00 PM	30.0	16	19	40	29.7	47.4%
5/12/2022 7:00:00 PM	31.7	12	14	35	30.0	42.9%
5/12/2022 8:00:00 PM	24.4	10	12	35	32.5	8.3%
5/12/2022 9:00:00 PM	23.6	10	12	25	NaN	0.0%
5/12/2022 10:00:00 PM	32.5	8	9	35	29.5	55.6%
5/12/2022 11:00:00 PM	25.0	3	4	30	27.5	25.0%
5/13/2022 12:00:00 AM	0.0	0	0	0	NaN	NaN
5/13/2022 1:00:00 AM	25.0	1	1	25	NaN	0.0%
5/13/2022 2:00:00 AM	25.0	1	1	25	NaN	0.0%
5/13/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/13/2022 4:00:00 AM	15.0	1	1	15	NaN	0.0%
5/13/2022 5:00:00 AM	15.0	1	1	15	NaN	0.0%
5/13/2022 6:00:00 AM	22.5	3	4	25	NaN	0.0%
5/13/2022 7:00:00 AM	30.0	7	8	35	28.8	50.0%
5/13/2022 8:00:00 AM	29.0	19	22	35	28.9	31.8%
5/13/2022 9:00:00 AM	23.8	20	23	35	32.5	4.3%
5/13/2022 10:00:00 AM	22.5	30	35	30	27.5	2.9%
5/13/2022 11:00:00 AM	21.3	70	82	25	NaN	0.0%
5/13/2022 12:00:00 PM	23.0	23	27	35	30.0	7.4%
5/13/2022 1:00:00 PM	25.0	11	13	35	30.0	15.4%
5/13/2022 2:00:00 PM	21.7	14	16	25	NaN	0.0%

5/13/2022 3:00:00 PM	28.0	11	13	30	27.5	38.5%
5/13/2022 4:00:00 PM	27.5	18	21	30	27.5	28.6%
5/13/2022 5:00:00 PM	28.3	19	22	35	28.2	31.8%
5/13/2022 6:00:00 PM	28.0	16	19	35	28.3	31.6%
5/13/2022 7:00:00 PM	30.0	18	21	35	29.2	42.9%
5/13/2022 8:00:00 PM	27.5	11	13	30	27.5	30.8%
5/13/2022 9:00:00 PM	30.0	10	12	35	29.5	41.7%
5/13/2022 10:00:00 PM	30.0	7	8	35	29.2	37.5%
5/13/2022 11:00:00 PM	35.0	3	3	35	30.0	66.7%
5/14/2022 12:00:00 AM	25.0	3	3	25	NaN	0.0%
5/14/2022 1:00:00 AM	30.0	3	3	30	27.5	66.7%
5/14/2022 2:00:00 AM	15.0	1	1	15	NaN	0.0%
5/14/2022 3:00:00 AM	30.0	1	1	30	27.5	100.0%
5/14/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/14/2022 5:00:00 AM	25.0	1	1	25	NaN	0.0%
5/14/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN
5/14/2022 7:00:00 AM	22.5	4	5	25	NaN	0.0%
5/14/2022 8:00:00 AM	28.3	4	5	30	27.5	60.0%
5/14/2022 9:00:00 AM	23.3	14	16	25	NaN	0.0%
5/14/2022 10:00:00 AM	22.0	30	35	35	30.0	5.7%
5/14/2022 11:00:00 AM	17.5	38	45	35	32.5	2.2%
5/14/2022 12:00:00 PM	22.0	33	39	35	29.2	7.7%
5/14/2022 1:00:00 PM	22.0	24	28	30	27.5	3.6%
5/14/2022 2:00:00 PM	23.8	22	26	30	27.5	11.5%
5/14/2022 3:00:00 PM	26.7	21	25	30	27.5	24.0%
5/14/2022 4:00:00 PM	27.0	17	20	30	27.5	25.0%
5/14/2022 5:00:00 PM	27.5	8	9	30	27.5	22.2%
5/14/2022 6:00:00 PM	30.0	13	15	35	28.5	66.7%
5/14/2022 7:00:00 PM	29.4	17	20	35	28.4	55.0%
5/14/2022 8:00:00 PM	33.3	8	9	35	30.5	55.6%
5/14/2022 9:00:00 PM	24.0	6	7	25	NaN	0.0%
5/14/2022 10:00:00 PM	30.0	11	13	40	31.3	30.8%
5/14/2022 11:00:00 PM	33.3	6	7	35	30.0	85.7%
5/15/2022 12:00:00 AM	25.0	3	3	25	NaN	0.0%

5/15/2022 1:00:00 AM	35.0	1	1	35	32.5	100.0%
5/15/2022 2:00:00 AM	30.0	3	3	30	27.5	66.7%
5/15/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/15/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/15/2022 5:00:00 AM	25.0	1	1	25	NaN	0.0%
5/15/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN
5/15/2022 7:00:00 AM	25.0	1	1	25	NaN	0.0%
5/15/2022 8:00:00 AM	25.0	3	3	25	NaN	0.0%
5/15/2022 9:00:00 AM	25.0	4	5	30	27.5	20.0%
5/15/2022 10:00:00 AM	24.3	9	11	40	37.5	9.1%
5/15/2022 11:00:00 AM	27.5	8	10	30	27.5	40.0%
5/15/2022 12:00:00 PM	28.0	10	12	30	27.5	41.7%
5/15/2022 1:00:00 PM	31.7	13	15	35	30.0	40.0%
5/15/2022 2:00:00 PM	27.5	11	13	35	29.2	23.1%
5/15/2022 3:00:00 PM	30.0	11	13	35	30.0	30.8%
5/15/2022 4:00:00 PM	27.5	9	11	30	27.5	36.4%
5/15/2022 5:00:00 PM	29.4	11	13	35	28.1	69.2%
5/15/2022 6:00:00 PM	24.3	13	15	30	27.5	6.7%
5/15/2022 7:00:00 PM	26.7	8	10	30	27.5	30.0%
5/15/2022 8:00:00 PM	28.3	10	12	30	27.5	50.0%
5/15/2022 9:00:00 PM	30.0	7	8	35	29.2	37.5%
5/15/2022 10:00:00 PM	30.0	8	9	35	28.5	55.6%
5/15/2022 11:00:00 PM	20.0	1	1	20	NaN	0.0%
5/16/2022 12:00:00 AM	30.0	1	1	30	27.5	100.0%
5/16/2022 1:00:00 AM	0.0	0	0	0	NaN	NaN
5/16/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/16/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/16/2022 4:00:00 AM	20.0	1	1	20	NaN	0.0%
5/16/2022 5:00:00 AM	0.0	0	0	0	NaN	NaN
5/16/2022 6:00:00 AM	20.0	3	4	35	32.5	25.0%
5/16/2022 7:00:00 AM	30.0	7	8	35	29.2	37.5%
5/16/2022 8:00:00 AM	27.5	16	19	35	30.0	21.1%
5/16/2022 9:00:00 AM	30.0	8	9	35	29.2	33.3%
5/16/2022 10:00:00 AM	32.5	10	12	35	30.4	58.3%

5/16/2022 11:00:00 AM	26.7	9	11	30	27.5	27.3%
5/16/2022 12:00:00 PM	30.0	5	6	35	29.2	50.0%
5/16/2022 1:00:00 PM	23.3	8	10	30	27.5	10.0%
5/16/2022 2:00:00 PM	25.0	3	4	30	27.5	25.0%
5/16/2022 3:00:00 PM	28.0	11	13	30	27.5	38.5%
5/16/2022 4:00:00 PM	29.3	14	16	35	28.1	50.0%
5/16/2022 5:00:00 PM	29.5	16	19	35	28.3	68.4%
5/16/2022 6:00:00 PM	28.0	17	20	35	28.3	30.0%
5/16/2022 7:00:00 PM	28.8	12	14	35	28.5	35.7%
5/16/2022 8:00:00 PM	32.5	7	8	35	32.5	25.0%
5/16/2022 9:00:00 PM	28.0	10	12	30	27.5	41.7%
5/16/2022 10:00:00 PM	29.0	9	11	35	28.3	54.5%
5/16/2022 11:00:00 PM	20.0	1	1	20	NaN	0.0%
5/17/2022 12:00:00 AM	0.0	0	0	0	NaN	NaN
5/17/2022 1:00:00 AM	0.0	0	0	0	NaN	NaN
5/17/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/17/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/17/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/17/2022 5:00:00 AM	30.0	1	1	30	27.5	100.0%
5/17/2022 6:00:00 AM	20.0	3	4	30	27.5	25.0%
5/17/2022 7:00:00 AM	30.0	8	9	35	29.2	33.3%
5/17/2022 8:00:00 AM	30.0	12	14	40	30.5	35.7%
5/17/2022 9:00:00 AM	27.5	14	17	35	28.5	29.4%
5/17/2022 10:00:00 AM	30.0	7	8	35	28.8	50.0%
5/17/2022 11:00:00 AM	22.5	7	8	25	NaN	0.0%
5/17/2022 12:00:00 PM	28.8	5	6	30	27.5	66.7%
5/17/2022 1:00:00 PM	30.0	10	12	45	30.0	66.7%
5/17/2022 2:00:00 PM	27.5	10	12	35	29.2	25.0%
5/17/2022 3:00:00 PM	27.5	3	4	30	27.5	50.0%
5/17/2022 4:00:00 PM	29.0	18	21	35	28.0	52.4%
5/17/2022 5:00:00 PM	31.3	16	19	35	29.3	57.9%
5/17/2022 6:00:00 PM	23.8	8	10	35	32.5	10.0%
5/17/2022 7:00:00 PM	30.0	11	13	35	28.9	53.8%
5/17/2022 8:00:00 PM	28.8	10	12	35	28.5	41.7%

5/17/2022 9:00:00 PM	25.0	9	11	30	27.5	18.2%
5/17/2022 10:00:00 PM	27.5	3	4	30	27.5	50.0%
5/17/2022 11:00:00 PM	25.0	2	2	25	NaN	0.0%
5/18/2022 12:00:00 AM	30.0	1	1	30	27.5	100.0%
5/18/2022 1:00:00 AM	15.0	1	1	15	NaN	0.0%
5/18/2022 2:00:00 AM	30.0	2	2	30	27.5	100.0%
5/18/2022 3:00:00 AM	15.0	1	1	15	NaN	0.0%
5/18/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/18/2022 5:00:00 AM	20.0	2	2	20	NaN	0.0%
5/18/2022 6:00:00 AM	15.0	3	4	25	NaN	0.0%
5/18/2022 7:00:00 AM	30.0	8	10	40	30.5	50.0%
5/18/2022 8:00:00 AM	31.7	14	16	35	30.5	31.3%
5/18/2022 9:00:00 AM	28.3	11	13	35	28.8	30.8%
5/18/2022 10:00:00 AM	28.3	8	10	35	28.8	40.0%
5/18/2022 11:00:00 AM	28.3	6	7	30	27.5	42.9%
5/18/2022 12:00:00 PM	30.0	8	9	35	28.5	55.6%
5/18/2022 1:00:00 PM	32.5	5	6	35	29.5	83.3%
5/18/2022 2:00:00 PM	28.0	8	10	30	27.5	50.0%
5/18/2022 3:00:00 PM	27.5	4	5	30	27.5	40.0%
5/18/2022 4:00:00 PM	29.4	12	14	35	28.1	64.3%
5/18/2022 5:00:00 PM	29.3	9	11	35	28.1	72.7%
5/18/2022 6:00:00 PM	31.3	15	18	35	29.3	61.1%
5/18/2022 7:00:00 PM	31.7	10	12	35	29.4	66.7%
5/18/2022 8:00:00 PM	30.0	7	8	35	28.5	62.5%
5/18/2022 9:00:00 PM	27.5	7	8	30	27.5	25.0%
5/18/2022 10:00:00 PM	30.0	8	10	35	28.9	70.0%
5/18/2022 11:00:00 PM	30.0	2	2	30	27.5	50.0%
5/19/2022 12:00:00 AM	35.0	1	1	35	32.5	100.0%
5/19/2022 1:00:00 AM	10.0	1	1	10	NaN	0.0%
5/19/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/19/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/19/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/19/2022 5:00:00 AM	30.0	1	1	30	27.5	100.0%
5/19/2022 6:00:00 AM	15.0	3	4	20	NaN	0.0%

5/19/2022 7:00:00 AM 30.0 7 8 35 29.2 37.5%

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

Date/Time Ending	85th pct!(mph)	85th pct! counts	Total	Max Speed	Avg Speeder	% Speeders
5/13/2022 12:00:00 AM	31.3	289	340	45	29.6	55.6%
5/14/2022 12:00:00 AM	25.9	314	369	35	28.7	17.3%
5/15/2022 12:00:00 AM	26.5	283	333	40	28.7	19.5%
5/16/2022 12:00:00 AM	28.5	143	168	40	28.5	35.1%
5/17/2022 12:00:00 AM	29.0	168	198	35	28.7	38.4%
5/18/2022 12:00:00 AM	29.1	160	188	45	28.8	40.4%
5/19/2022 12:00:00 AM	29.7	153	180	40	28.8	51.1%
5/19/2022 6:55:00 AM	28.3	12	14	35	28.8	28.6%