

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: 715 PRAIRIE RD S/B  
Report Generated: 5/26/2022 6:22:48 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 5/19/2022 7:05:00 AM through 5/26/2022 6:10:00 AM

85th Percentile Speed = 28.1 mph  
85th Percentile Vehicles = 1,304 counts  
**Max Speed = 85.0 mph on 5/23/2022 2:40:00 PM**  
Total Vehicles = 1,534 counts  
AADT: 220.3

## Volumes - weekly vehicle counts

Average Daily	Time	5 Day	7 Day
AM peak	7:00 to 8:00	14	12
PM peak	3:00 to 4:00	24	21

Speed  
Speed limit: 25 mph  
85th Percentile Speed: 28.1 mph  
Average Speed: 22.3 mph

Count over limit % over limit Avg speeder	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	69	78	67	75	86	61	68
	30.4	34.4	27.0	34.4	37.7	33.0	33.8
	29.2	28.7	28.3	28.1	28.3	28.6	27.8

### 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
5/19/2022 8:00:00 AM	27.5	12	14	30	27.5	28.6%
5/19/2022 9:00:00 AM	27.5	7	8	30	27.5	25.0%
5/19/2022 10:00:00 AM	27.5	4	5	30	27.5	40.0%
5/19/2022 11:00:00 AM	25.0	6	7	30	27.5	14.3%
5/19/2022 12:00:00 PM	30.0	7	8	35	29.2	37.5%
5/19/2022 1:00:00 PM	27.5	8	10	35	29.2	30.0%
5/19/2022 2:00:00 PM	30.0	7	8	35	28.3	75.0%
5/19/2022 3:00:00 PM	27.5	8	10	35	29.2	30.0%
5/19/2022 4:00:00 PM	28.0	21	25	30	27.5	40.0%
5/19/2022 5:00:00 PM	27.2	26	31	30	27.5	29.0%
5/19/2022 6:00:00 PM	27.0	17	20	30	27.5	25.0%
5/19/2022 7:00:00 PM	27.9	15	18	30	27.5	38.9%
5/19/2022 8:00:00 PM	27.5	13	15	35	29.2	20.0%
5/19/2022 9:00:00 PM	28.1	18	21	30	27.5	38.1%
5/19/2022 10:00:00 PM	33.3	8	9	35	31.3	44.4%
5/19/2022 11:00:00 PM	35.0	3	3	35	30.0	66.7%
5/20/2022 12:00:00 AM	30.0	2	2	30	27.5	50.0%
5/20/2022 1:00:00 AM	25.0	1	1	25	NaN	0.0%
5/20/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/20/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/20/2022 4:00:00 AM	20.0	1	1	20	NaN	0.0%
5/20/2022 5:00:00 AM	0.0	0	0	0	NaN	NaN
5/20/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN
5/20/2022 7:00:00 AM	27.5	8	10	30	27.5	40.0%
5/20/2022 8:00:00 AM	28.3	11	13	30	27.5	46.2%
5/20/2022 9:00:00 AM	28.0	11	13	30	27.5	38.5%
5/20/2022 10:00:00 AM	28.8	6	7	30	27.5	57.1%
5/20/2022 11:00:00 AM	30.0	3	3	30	27.5	33.3%
5/20/2022 12:00:00 PM	27.5	9	11	30	27.5	36.4%
5/20/2022 1:00:00 PM	25.0	8	10	30	27.5	20.0%
5/20/2022 2:00:00 PM	27.5	8	10	30	27.5	40.0%
5/20/2022 3:00:00 PM	26.7	11	13	30	27.5	23.1%

5/20/2022 4:00:00 PM	28.8	23	27	60	31.0	37.0%
5/20/2022 5:00:00 PM	28.8	19	22	35	28.1	40.9%
5/20/2022 6:00:00 PM	30.0	17	20	35	28.8	60.0%
5/20/2022 7:00:00 PM	28.3	18	21	35	28.2	33.3%
5/20/2022 8:00:00 PM	29.3	11	13	35	28.1	61.5%
5/20/2022 9:00:00 PM	27.5	14	16	35	29.2	18.8%
5/20/2022 10:00:00 PM	25.0	11	13	30	27.5	15.4%
5/20/2022 11:00:00 PM	30.0	3	3	30	27.5	66.7%
5/21/2022 12:00:00 AM	25.0	1	1	25	NaN	0.0%
5/21/2022 1:00:00 AM	40.0	2	2	40	32.5	100.0%
5/21/2022 2:00:00 AM	25.0	2	2	25	NaN	0.0%
5/21/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/21/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/21/2022 5:00:00 AM	15.0	1	1	15	NaN	0.0%
5/21/2022 6:00:00 AM	25.0	1	1	25	NaN	0.0%
5/21/2022 7:00:00 AM	30.0	2	2	30	27.5	100.0%
5/21/2022 8:00:00 AM	35.0	3	3	35	32.5	33.3%
5/21/2022 9:00:00 AM	27.5	9	11	40	30.8	27.3%
5/21/2022 10:00:00 AM	28.0	11	13	30	27.5	38.5%
5/21/2022 11:00:00 AM	28.3	10	12	35	28.8	33.3%
5/21/2022 12:00:00 PM	25.0	13	15	30	27.5	13.3%
5/21/2022 1:00:00 PM	26.7	9	11	30	27.5	27.3%
5/21/2022 2:00:00 PM	25.0	17	20	30	27.5	15.0%
5/21/2022 3:00:00 PM	27.5	11	13	30	27.5	30.8%
5/21/2022 4:00:00 PM	28.3	11	13	30	27.5	46.2%
5/21/2022 5:00:00 PM	25.0	10	12	30	27.5	16.7%
5/21/2022 6:00:00 PM	30.0	14	16	35	29.2	37.5%
5/21/2022 7:00:00 PM	30.0	6	7	40	30.0	57.1%
5/21/2022 8:00:00 PM	32.5	4	5	35	32.5	40.0%
5/21/2022 9:00:00 PM	27.5	9	11	30	27.5	36.4%
5/21/2022 10:00:00 PM	28.3	4	5	30	27.5	60.0%
5/21/2022 11:00:00 PM	28.3	7	8	30	27.5	37.5%
5/22/2022 12:00:00 AM	35.0	2	2	35	32.5	100.0%
5/22/2022 1:00:00 AM	25.0	2	2	25	NaN	0.0%

5/22/2022 2:00:00 AM	20.0	1	1	1	20	NaN	0.0%
5/22/2022 3:00:00 AM	0.0	0	0	0	0	NaN	NaN
5/22/2022 4:00:00 AM	25.0	1	1	25	NaN	NaN	0.0%
5/22/2022 5:00:00 AM	30.0	1	1	30	27.5	27.5	100.0%
5/22/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/22/2022 7:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/22/2022 8:00:00 AM	35.0	2	2	35	30.0	30.0	100.0%
5/22/2022 9:00:00 AM	25.0	5	6	30	27.5	27.5	16.7%
5/22/2022 10:00:00 AM	27.5	5	6	30	27.5	27.5	33.3%
5/22/2022 11:00:00 AM	28.3	10	12	30	27.5	27.5	50.0%
5/22/2022 12:00:00 PM	27.5	8	9	30	27.5	27.5	22.2%
5/22/2022 1:00:00 PM	28.6	16	19	40	28.8	28.8	42.1%
5/22/2022 2:00:00 PM	27.5	10	12	30	27.5	27.5	33.3%
5/22/2022 3:00:00 PM	28.8	14	16	30	27.5	27.5	50.0%
5/22/2022 4:00:00 PM	27.5	9	11	30	27.5	27.5	36.4%
5/22/2022 5:00:00 PM	29.2	14	16	35	28.2	28.2	43.8%
5/22/2022 6:00:00 PM	25.0	16	19	30	27.5	27.5	15.8%
5/22/2022 7:00:00 PM	27.5	16	19	30	27.5	27.5	31.6%
5/22/2022 8:00:00 PM	27.0	16	19	30	27.5	27.5	26.3%
5/22/2022 9:00:00 PM	27.5	10	12	30	27.5	27.5	33.3%
5/22/2022 10:00:00 PM	26.7	12	14	30	27.5	27.5	21.4%
5/22/2022 11:00:00 PM	27.5	3	4	30	27.5	27.5	50.0%
5/23/2022 12:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/23/2022 1:00:00 AM	35.0	1	1	35	32.5	32.5	100.0%
5/23/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/23/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/23/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN	NaN
5/23/2022 5:00:00 AM	20.0	1	1	20	NaN	NaN	0.0%
5/23/2022 6:00:00 AM	30.0	2	2	30	27.5	27.5	50.0%
5/23/2022 7:00:00 AM	30.0	7	8	35	28.5	28.5	62.5%
5/23/2022 8:00:00 AM	28.3	10	12	40	30.0	30.0	33.3%
5/23/2022 9:00:00 AM	24.0	11	13	30	27.5	27.5	7.7%
5/23/2022 10:00:00 AM	30.0	4	5	35	29.2	29.2	60.0%
5/23/2022 11:00:00 AM	27.5	6	7	30	27.5	27.5	28.6%

5/23/2022 12:00:00 PM	27.5	5	6	30	27.5	33.3%
5/23/2022 1:00:00 PM	28.0	11	13	30	27.5	38.5%
5/23/2022 2:00:00 PM	25.0	8	10	35	30.0	20.0%
5/23/2022 3:00:00 PM	28.3	9	11	85	41.3	36.4%
5/23/2022 4:00:00 PM	28.1	25	29	35	28.1	31.0%
5/23/2022 5:00:00 PM	25.0	14	17	30	27.5	17.6%
5/23/2022 6:00:00 PM	28.3	22	26	40	28.5	38.5%
5/23/2022 7:00:00 PM	28.9	20	24	40	28.9	45.8%
5/23/2022 8:00:00 PM	24.5	13	15	30	27.5	6.7%
5/23/2022 9:00:00 PM	25.0	8	9	30	27.5	11.1%
5/23/2022 10:00:00 PM	26.7	8	10	30	27.5	30.0%
5/23/2022 11:00:00 PM	25.0	5	6	30	27.5	16.7%
5/24/2022 12:00:00 AM	20.0	2	2	20	NaN	0.0%
5/24/2022 1:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2022 5:00:00 AM	30.0	1	1	30	27.5	100.0%
5/24/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2022 7:00:00 AM	30.0	8	9	35	28.8	44.4%
5/24/2022 8:00:00 AM	28.3	13	15	30	27.5	40.0%
5/24/2022 9:00:00 AM	26.7	10	12	30	27.5	25.0%
5/24/2022 10:00:00 AM	30.0	3	3	30	27.5	33.3%
5/24/2022 11:00:00 AM	30.0	7	8	35	29.2	37.5%
5/24/2022 12:00:00 PM	27.5	8	9	30	27.5	22.2%
5/24/2022 1:00:00 PM	27.0	14	17	30	27.5	29.4%
5/24/2022 2:00:00 PM	28.0	16	19	40	29.2	31.6%
5/24/2022 3:00:00 PM	30.0	13	15	85	37.5	40.0%
5/24/2022 4:00:00 PM	27.5	17	20	30	27.5	30.0%
5/24/2022 5:00:00 PM	27.0	19	22	30	27.5	22.7%
5/24/2022 6:00:00 PM	29.2	17	20	35	28.8	40.0%
5/24/2022 7:00:00 PM	27.5	9	11	30	27.5	36.4%
5/24/2022 8:00:00 PM	28.1	14	17	30	27.5	47.1%
5/24/2022 9:00:00 PM	27.5	12	14	30	27.5	28.6%

5/24/2022 10:00:00 PM	29.0	11	13	35	28.3	46.2%
5/24/2022 11:00:00 PM	20.0	1	1	20	NaN	0.0%
5/25/2022 12:00:00 AM	25.0	1	1	25	NaN	0.0%
5/25/2022 1:00:00 AM	25.0	1	1	25	NaN	0.0%
5/25/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/25/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/25/2022 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/25/2022 5:00:00 AM	25.0	2	2	25	NaN	0.0%
5/25/2022 6:00:00 AM	0.0	0	0	0	NaN	NaN
5/25/2022 7:00:00 AM	28.3	6	7	30	27.5	42.9%
5/25/2022 8:00:00 AM	28.3	15	18	35	28.2	38.9%
5/25/2022 9:00:00 AM	25.0	14	17	35	29.2	17.6%
5/25/2022 10:00:00 AM	27.5	7	8	30	27.5	25.0%
5/25/2022 11:00:00 AM	26.7	9	11	30	27.5	27.3%
5/25/2022 12:00:00 PM	25.0	6	7	30	27.5	14.3%
5/25/2022 1:00:00 PM	25.0	14	17	30	27.5	17.6%
5/25/2022 2:00:00 PM	32.5	8	9	35	32.5	22.2%
5/25/2022 3:00:00 PM	28.6	11	13	30	27.5	53.8%
5/25/2022 4:00:00 PM	28.6	24	28	35	28.6	32.1%
5/25/2022 5:00:00 PM	27.5	20	23	30	27.5	26.1%
5/25/2022 6:00:00 PM	30.0	10	12	35	29.2	50.0%
5/25/2022 7:00:00 PM	25.0	26	30	35	28.8	13.3%
5/25/2022 8:00:00 PM	25.0	16	19	35	30.8	15.8%
5/25/2022 9:00:00 PM	27.5	11	13	30	27.5	30.8%
5/25/2022 10:00:00 PM	25.0	8	10	30	27.5	20.0%
5/25/2022 11:00:00 PM	30.0	3	3	30	27.5	66.7%
5/26/2022 12:00:00 AM	0.0	0	0	0	NaN	NaN
5/26/2022 1:00:00 AM	30.0	1	1	30	27.5	100.0%
5/26/2022 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/26/2022 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/26/2022 4:00:00 AM	30.0	1	1	30	27.5	100.0%
5/26/2022 5:00:00 AM	20.0	1	1	20	NaN	0.0%
5/26/2022 6:00:00 AM	15.0	1	1	15	NaN	0.0%
5/26/2022 7:00:00 AM	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>
5/20/2022 12:00:00 AM	28.2	182	214	35	28.1	34.1%
5/21/2022 12:00:00 AM	28.4	194	228	60	28.3	37.7%
5/22/2022 12:00:00 AM	28.3	157	185	40	28.6	33.0%
5/23/2022 12:00:00 AM	27.9	171	201	40	27.8	33.8%
5/24/2022 12:00:00 AM	28.0	193	227	85	29.2	30.4%
5/25/2022 12:00:00 AM	28.1	193	227	85	28.7	34.4%
5/26/2022 12:00:00 AM	27.7	211	248	35	28.3	27.0%
5/26/2022 6:10:00 AM	27.5	3	4	30	27.5	50.0%