

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 389 DEERFIELD S/B
Report Generated: 7/27/2021 7:02:46 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 7/20/2021 6:20:00 AM through 7/27/2021 6:55:00 AM

85th Percentile Speed = 27.9 mph
85th Percentile Vehicles = 1,061 counts
Max Speed = 60.0 mph on 7/24/2021 11:40:00 AM
Total Vehicles = 1,248 counts
AADT: 177.7

Volumes - weekly vehicle counts

Average Daily	5 Day	7 Day
AM peak	162	165
PM peak	8	9
	15	14

Speed
Speed limit: 25 mph
85th Percentile Speed: 27.9 mph
Average Speed: 22.0 mph

Count over limit % over limit Avg speeder	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	43	52	46	71	53	60	50
	24.7	29.1	25.8	35.1	31.7	34.3	28.9
	28.2	28.0	28.2	28.4	28.4	29.0	28.2

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
7/20/2021 7:00:00 AM	25.0	2	2	25	NaN	0.0%
7/20/2021 8:00:00 AM	26.7	8	10	30	27.5	30.0%
7/20/2021 9:00:00 AM	28.3	12	14	30	27.5	42.9%
7/20/2021 10:00:00 AM	28.3	11	13	35	28.8	30.8%
7/20/2021 11:00:00 AM	28.8	6	7	30	27.5	57.1%
7/20/2021 12:00:00 PM	30.0	3	3	30	27.5	33.3%
7/20/2021 1:00:00 PM	27.5	8	9	30	27.5	22.2%
7/20/2021 2:00:00 PM	27.5	9	11	35	29.2	27.3%
7/20/2021 3:00:00 PM	25.0	11	13	30	27.5	15.4%
7/20/2021 4:00:00 PM	27.5	10	12	30	27.5	33.3%
7/20/2021 5:00:00 PM	27.5	8	10	30	27.5	40.0%
7/20/2021 6:00:00 PM	28.0	10	12	30	27.5	41.7%
7/20/2021 7:00:00 PM	26.7	12	14	30	27.5	21.4%
7/20/2021 8:00:00 PM	27.5	7	8	30	27.5	25.0%
7/20/2021 9:00:00 PM	26.7	11	13	30	27.5	23.1%
7/20/2021 10:00:00 PM	28.3	8	9	30	27.5	33.3%
7/20/2021 11:00:00 PM	23.3	4	5	25	NaN	0.0%
7/21/2021 12:00:00 AM	20.0	1	1	20	NaN	0.0%
7/21/2021 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2021 2:00:00 AM	25.0	3	4	30	27.5	25.0%
7/21/2021 3:00:00 AM	20.0	2	2	20	NaN	0.0%
7/21/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/21/2021 5:00:00 AM	28.3	3	4	30	27.5	75.0%
7/21/2021 6:00:00 AM	30.0	2	2	30	27.5	50.0%
7/21/2021 7:00:00 AM	23.8	4	5	25	NaN	0.0%
7/21/2021 8:00:00 AM	28.3	3	4	30	27.5	75.0%
7/21/2021 9:00:00 AM	30.0	3	4	35	30.0	50.0%
7/21/2021 10:00:00 AM	25.0	8	9	30	27.5	11.1%
7/21/2021 11:00:00 AM	27.5	4	5	30	27.5	40.0%
7/21/2021 12:00:00 PM	30.0	8	9	35	29.2	33.3%
7/21/2021 1:00:00 PM	25.0	14	16	35	30.0	12.5%
7/21/2021 2:00:00 PM	30.0	6	7	35	28.8	57.1%

7/21/2021 3:00:00 PM	25.0	7	8	30	27.5	12.5%
7/21/2021 4:00:00 PM	30.0	7	8	35	28.8	50.0%
7/21/2021 5:00:00 PM	26.7	8	10	30	27.5	30.0%
7/21/2021 6:00:00 PM	28.3	14	16	30	27.5	37.5%
7/21/2021 7:00:00 PM	25.0	11	13	30	27.5	15.4%
7/21/2021 8:00:00 PM	25.0	8	9	30	27.5	11.1%
7/21/2021 9:00:00 PM	21.7	23	27	30	27.5	7.4%
7/21/2021 10:00:00 PM	26.7	12	14	30	27.5	21.4%
7/21/2021 11:00:00 PM	35.0	2	2	35	30.0	100.0%
7/22/2021 12:00:00 AM	30.0	1	1	30	27.5	100.0%
7/22/2021 1:00:00 AM	35.0	3	3	35	32.5	33.3%
7/22/2021 2:00:00 AM	25.0	3	4	30	27.5	25.0%
7/22/2021 3:00:00 AM	15.0	2	2	15	NaN	0.0%
7/22/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/22/2021 5:00:00 AM	25.0	2	2	25	NaN	0.0%
7/22/2021 6:00:00 AM	25.0	1	1	25	NaN	0.0%
7/22/2021 7:00:00 AM	22.5	4	5	25	NaN	0.0%
7/22/2021 8:00:00 AM	30.0	7	8	35	29.2	37.5%
7/22/2021 9:00:00 AM	28.3	8	9	30	27.5	33.3%
7/22/2021 10:00:00 AM	27.5	8	9	30	27.5	22.2%
7/22/2021 11:00:00 AM	28.8	9	11	35	28.5	45.5%
7/22/2021 12:00:00 PM	28.8	12	14	40	29.5	35.7%
7/22/2021 1:00:00 PM	28.8	5	6	30	27.5	66.7%
7/22/2021 2:00:00 PM	28.0	11	13	30	27.5	38.5%
7/22/2021 3:00:00 PM	30.0	11	13	40	30.5	38.5%
7/22/2021 4:00:00 PM	26.7	8	10	30	27.5	30.0%
7/22/2021 5:00:00 PM	29.2	19	22	35	28.8	36.4%
7/22/2021 6:00:00 PM	28.6	14	17	35	28.1	47.1%
7/22/2021 7:00:00 PM	29.0	7	8	30	27.5	62.5%
7/22/2021 8:00:00 PM	27.5	11	13	30	27.5	30.8%
7/22/2021 9:00:00 PM	27.5	10	12	40	30.8	25.0%
7/22/2021 10:00:00 PM	28.3	6	7	30	27.5	42.9%
7/22/2021 11:00:00 PM	25.0	8	10	30	27.5	20.0%
7/23/2021 12:00:00 AM	25.0	2	2	25	NaN	0.0%

7/23/2021 1:00:00 AM	25.0	2	2	25	NaN	0.0%
7/23/2021 2:00:00 AM	15.0	1	1	15	NaN	0.0%
7/23/2021 3:00:00 AM	10.0	3	4	20	NaN	0.0%
7/23/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/23/2021 5:00:00 AM	30.0	1	1	30	27.5	100.0%
7/23/2021 6:00:00 AM	30.0	4	5	35	29.2	60.0%
7/23/2021 7:00:00 AM	30.0	3	4	35	29.2	75.0%
7/23/2021 8:00:00 AM	30.0	8	9	35	29.2	33.3%
7/23/2021 9:00:00 AM	30.0	3	3	30	27.5	66.7%
7/23/2021 10:00:00 AM	25.0	5	6	30	27.5	16.7%
7/23/2021 11:00:00 AM	29.0	8	9	30	27.5	55.6%
7/23/2021 12:00:00 PM	27.5	8	10	35	29.2	30.0%
7/23/2021 1:00:00 PM	23.8	5	6	25	NaN	0.0%
7/23/2021 2:00:00 PM	30.0	6	7	35	29.2	42.9%
7/23/2021 3:00:00 PM	25.0	8	10	35	30.0	20.0%
7/23/2021 4:00:00 PM	27.5	8	10	35	29.2	30.0%
7/23/2021 5:00:00 PM	27.5	8	9	30	27.5	22.2%
7/23/2021 6:00:00 PM	29.5	14	17	40	28.8	70.6%
7/23/2021 7:00:00 PM	24.5	15	18	30	27.5	11.1%
7/23/2021 8:00:00 PM	28.3	8	9	30	27.5	33.3%
7/23/2021 9:00:00 PM	26.7	9	11	30	27.5	27.3%
7/23/2021 10:00:00 PM	22.5	4	5	25	NaN	0.0%
7/23/2021 11:00:00 PM	25.0	8	9	30	27.5	11.1%
7/24/2021 12:00:00 AM	30.0	3	3	30	27.5	33.3%
7/24/2021 1:00:00 AM	30.0	3	3	30	27.5	100.0%
7/24/2021 2:00:00 AM	25.0	1	1	25	NaN	0.0%
7/24/2021 3:00:00 AM	0.0	0	0	0	NaN	NaN
7/24/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/24/2021 5:00:00 AM	25.0	1	1	25	NaN	0.0%
7/24/2021 6:00:00 AM	30.0	1	1	30	27.5	100.0%
7/24/2021 7:00:00 AM	30.0	3	3	30	27.5	33.3%
7/24/2021 8:00:00 AM	25.0	3	3	25	NaN	0.0%
7/24/2021 9:00:00 AM	30.0	3	4	35	29.2	75.0%
7/24/2021 10:00:00 AM	29.0	8	9	30	27.5	55.6%

7/24/2021 11:00:00 AM	26.7	12	14	30	27.5	21.4%
7/24/2021 12:00:00 PM	35.0	12	14	60	33.1	57.1%
7/24/2021 1:00:00 PM	27.5	15	18	35	28.5	27.8%
7/24/2021 2:00:00 PM	30.0	10	12	35	29.5	41.7%
7/24/2021 3:00:00 PM	28.3	6	7	30	27.5	42.9%
7/24/2021 4:00:00 PM	29.0	12	14	40	29.2	42.9%
7/24/2021 5:00:00 PM	28.0	13	15	30	27.5	33.3%
7/24/2021 6:00:00 PM	24.0	9	11	30	27.5	9.1%
7/24/2021 7:00:00 PM	23.3	5	6	25	NaN	0.0%
7/24/2021 8:00:00 PM	27.5	11	13	35	29.2	23.1%
7/24/2021 9:00:00 PM	26.7	9	11	30	27.5	27.3%
7/24/2021 10:00:00 PM	28.3	5	6	30	27.5	50.0%
7/24/2021 11:00:00 PM	30.0	4	5	40	32.5	40.0%
7/25/2021 12:00:00 AM	25.0	3	3	25	NaN	0.0%
7/25/2021 1:00:00 AM	0.0	0	0	0	NaN	NaN
7/25/2021 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/25/2021 3:00:00 AM	15.0	1	1	15	NaN	0.0%
7/25/2021 4:00:00 AM	35.0	1	1	35	32.5	100.0%
7/25/2021 5:00:00 AM	0.0	0	0	0	NaN	NaN
7/25/2021 6:00:00 AM	30.0	2	2	30	27.5	50.0%
7/25/2021 7:00:00 AM	25.0	2	2	25	NaN	0.0%
7/25/2021 8:00:00 AM	27.5	5	6	30	27.5	33.3%
7/25/2021 9:00:00 AM	25.0	4	5	30	27.5	20.0%
7/25/2021 10:00:00 AM	31.7	14	16	35	30.0	37.5%
7/25/2021 11:00:00 AM	26.7	8	10	30	27.5	30.0%
7/25/2021 12:00:00 PM	28.0	8	10	30	27.5	50.0%
7/25/2021 1:00:00 PM	30.0	6	7	35	29.2	42.9%
7/25/2021 2:00:00 PM	26.7	8	10	30	27.5	30.0%
7/25/2021 3:00:00 PM	24.2	16	19	30	27.5	5.3%
7/25/2021 4:00:00 PM	26.7	8	10	30	27.5	30.0%
7/25/2021 5:00:00 PM	27.5	13	15	30	27.5	26.7%
7/25/2021 6:00:00 PM	28.0	9	11	30	27.5	45.5%
7/25/2021 7:00:00 PM	30.0	10	12	35	30.0	33.3%
7/25/2021 8:00:00 PM	26.7	10	12	30	27.5	25.0%

7/25/2021 9:00:00 PM	26.7	8	10	30	27.5	30.0%
7/25/2021 10:00:00 PM	25.0	8	9	30	27.5	11.1%
7/25/2021 11:00:00 PM	20.0	4	5	30	27.5	20.0%
7/26/2021 12:00:00 AM	0.0	0	0	0	NaN	NaN
7/26/2021 1:00:00 AM	25.0	3	4	30	27.5	25.0%
7/26/2021 2:00:00 AM	0.0	0	0	0	NaN	NaN
7/26/2021 3:00:00 AM	15.0	3	3	15	NaN	0.0%
7/26/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/26/2021 5:00:00 AM	15.0	2	2	15	NaN	0.0%
7/26/2021 6:00:00 AM	25.0	3	4	30	27.5	25.0%
7/26/2021 7:00:00 AM	30.0	3	3	30	27.5	66.7%
7/26/2021 8:00:00 AM	28.3	7	8	30	27.5	37.5%
7/26/2021 9:00:00 AM	27.5	9	11	30	27.5	36.4%
7/26/2021 10:00:00 AM	24.3	8	10	30	27.5	10.0%
7/26/2021 11:00:00 AM	23.8	8	9	25	NaN	0.0%
7/26/2021 12:00:00 PM	23.3	5	6	25	NaN	0.0%
7/26/2021 1:00:00 PM	25.0	11	13	30	27.5	15.4%
7/26/2021 2:00:00 PM	25.0	9	11	30	27.5	18.2%
7/26/2021 3:00:00 PM	28.8	9	11	40	29.5	45.5%
7/26/2021 4:00:00 PM	27.5	8	10	35	29.2	30.0%
7/26/2021 5:00:00 PM	25.0	8	9	30	27.5	11.1%
7/26/2021 6:00:00 PM	27.5	12	14	35	29.2	21.4%
7/26/2021 7:00:00 PM	28.3	7	8	30	27.5	37.5%
7/26/2021 8:00:00 PM	20.0	8	10	25	NaN	0.0%
7/26/2021 9:00:00 PM	27.5	14	17	30	27.5	35.3%
7/26/2021 10:00:00 PM	30.0	4	5	35	29.2	60.0%
7/26/2021 11:00:00 PM	30.0	4	5	35	30.0	40.0%
7/27/2021 12:00:00 AM	30.0	1	1	30	27.5	100.0%
7/27/2021 1:00:00 AM	25.0	2	2	25	NaN	0.0%
7/27/2021 2:00:00 AM	30.0	1	1	30	27.5	100.0%
7/27/2021 3:00:00 AM	20.0	1	1	20	NaN	0.0%
7/27/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
7/27/2021 5:00:00 AM	25.0	1	1	25	NaN	0.0%
7/27/2021 6:00:00 AM	45.0	2	2	45	42.5	50.0%

7/27/2021 7:00:00 AM 25.0 5 6 30 27.5 16.7%

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

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/21/2021 12:00:00 AM	27.6	141	166	35	27.7	29.5%
7/22/2021 12:00:00 AM	27.4	152	179	35	28.1	26.3%
7/23/2021 12:00:00 AM	28.3	171	201	40	28.4	34.8%
7/24/2021 12:00:00 AM	28.2	143	168	40	28.4	31.5%
7/25/2021 12:00:00 AM	28.4	148	174	60	29.0	34.5%
7/26/2021 12:00:00 AM	27.8	147	173	35	28.2	28.9%
7/27/2021 12:00:00 AM	27.2	148	174	40	28.2	24.7%
7/27/2021 6:55:00 AM	27.5	11	13	45	32.5	23.1%