

# TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer  
Location/Name: 472 LOMBARD S/B  
Report Generated: 5/27/2021 8:39:56 AM  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 5/20/2021 7:35:00 AM through 5/27/2021 8:30:00 AM

85th Percentile Speed = 27.6 mph  
85th Percentile Vehicles = 1,841 counts  
Max Speed = 75.0 mph on 5/24/2021 2:45:00 PM  
Total Vehicles = 2,166 counts  
AADT: 307.7

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		292	284
AM peak	8:00 to 9:00	45	34
PM peak	2:00 to 3:00	36	32

## Speed

Speed limit: 25 mph  
85th Percentile Speed: 27.6 mph  
Average Speed: 22.5 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	71	76	56	128	119	92	39
% over limit	20.6	26.0	17.2	36.4	36.7	32.4	16.0
Avg speeder	29.9	29.2	28.1	28.3	28.7	28.5	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>
5/20/2021 8:00:00 AM	27.5	11	13	30	27.5	30.8%
5/20/2021 9:00:00 AM	26.7	21	25	30	27.5	24.0%
5/20/2021 10:00:00 AM	27.5	6	7	30	27.5	28.6%
5/20/2021 11:00:00 AM	24.2	8	10	35	32.5	10.0%
5/20/2021 12:00:00 PM	28.3	8	9	30	27.5	33.3%
5/20/2021 1:00:00 PM	26.7	10	12	30	27.5	25.0%
5/20/2021 2:00:00 PM	35.0	3	3	35	30.0	66.7%
5/20/2021 3:00:00 PM	25.0	3	3	25	NaN	0.0%
5/20/2021 4:00:00 PM	25.0	3	3	25	NaN	0.0%
5/20/2021 5:00:00 PM	0.0	0	0	0	NaN	NaN
5/20/2021 6:00:00 PM	29.4	17	20	35	28.5	50.0%
5/20/2021 7:00:00 PM	26.3	14	17	30	27.5	23.5%
5/20/2021 8:00:00 PM	27.5	10	12	35	29.2	25.0%
5/20/2021 9:00:00 PM	27.5	18	21	35	28.5	23.8%
5/20/2021 10:00:00 PM	27.5	12	14	30	27.5	28.6%
5/20/2021 11:00:00 PM	25.0	5	6	30	27.5	16.7%
5/21/2021 12:00:00 AM	27.5	5	6	30	27.5	33.3%
5/21/2021 1:00:00 AM	25.0	2	2	25	NaN	0.0%
5/21/2021 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/21/2021 3:00:00 AM	30.0	1	1	30	27.5	100.0%
5/21/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/21/2021 5:00:00 AM	0.0	0	0	0	NaN	NaN
5/21/2021 6:00:00 AM	25.0	3	3	25	NaN	0.0%
5/21/2021 7:00:00 AM	25.0	1	1	25	NaN	0.0%
5/21/2021 8:00:00 AM	29.2	10	12	35	28.2	58.3%
5/21/2021 9:00:00 AM	27.5	31	37	50	29.3	29.7%
5/21/2021 10:00:00 AM	27.5	8	9	30	27.5	22.2%
5/21/2021 11:00:00 AM	28.0	14	16	30	27.5	31.3%
5/21/2021 12:00:00 PM	27.8	21	25	30	27.5	36.0%
5/21/2021 1:00:00 PM	30.0	11	13	40	29.4	61.5%
5/21/2021 2:00:00 PM	33.8	13	15	40	31.3	53.3%
5/21/2021 3:00:00 PM	28.5	35	41	35	28.7	31.7%

5/21/2021 4:00:00 PM	30.0	17	20	35	29.2	45.0%
5/21/2021 5:00:00 PM	28.8	20	23	35	28.1	39.1%
5/21/2021 6:00:00 PM	28.3	14	17	35	28.2	41.2%
5/21/2021 7:00:00 PM	30.0	24	28	35	28.9	50.0%
5/21/2021 8:00:00 PM	28.3	17	20	35	28.2	35.0%
5/21/2021 9:00:00 PM	27.5	13	15	35	29.2	20.0%
5/21/2021 10:00:00 PM	24.2	8	10	30	27.5	10.0%
5/21/2021 11:00:00 PM	28.3	7	8	30	27.5	37.5%
5/22/2021 12:00:00 AM	27.5	7	8	30	27.5	25.0%
5/22/2021 1:00:00 AM	23.3	3	4	25	NaN	0.0%
5/22/2021 2:00:00 AM	27.5	3	4	30	27.5	50.0%
5/22/2021 3:00:00 AM	20.0	1	1	20	NaN	0.0%
5/22/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/22/2021 5:00:00 AM	35.0	2	2	35	32.5	50.0%
5/22/2021 6:00:00 AM	25.0	3	4	30	27.5	25.0%
5/22/2021 7:00:00 AM	25.0	2	2	25	NaN	0.0%
5/22/2021 8:00:00 AM	27.5	3	4	30	27.5	50.0%
5/22/2021 9:00:00 AM	28.3	7	8	30	27.5	37.5%
5/22/2021 10:00:00 AM	28.3	13	15	35	28.8	26.7%
5/22/2021 11:00:00 AM	28.3	14	16	30	27.5	37.5%
5/22/2021 12:00:00 PM	28.6	15	18	35	28.1	44.4%
5/22/2021 1:00:00 PM	26.3	15	18	30	27.5	22.2%
5/22/2021 2:00:00 PM	28.6	16	19	35	28.1	42.1%
5/22/2021 3:00:00 PM	28.1	22	26	35	28.1	34.6%
5/22/2021 4:00:00 PM	27.5	19	22	30	27.5	27.3%
5/22/2021 5:00:00 PM	31.3	22	26	40	29.8	50.0%
5/22/2021 6:00:00 PM	28.8	12	14	35	28.5	35.7%
5/22/2021 7:00:00 PM	26.7	14	17	35	28.8	23.5%
5/22/2021 8:00:00 PM	26.7	16	19	35	28.8	21.1%
5/22/2021 9:00:00 PM	25.0	16	19	30	27.5	15.8%
5/22/2021 10:00:00 PM	33.3	10	12	40	31.7	50.0%
5/22/2021 11:00:00 PM	27.5	8	9	30	27.5	22.2%
5/23/2021 12:00:00 AM	25.0	4	5	30	27.5	20.0%
5/23/2021 1:00:00 AM	22.5	5	6	25	NaN	0.0%

5/23/2021 2:00:00 AM	25.0	1	1	25	NaN	0.0%
5/23/2021 3:00:00 AM	25.0	2	2	25	NaN	0.0%
5/23/2021 4:00:00 AM	20.0	2	2	20	NaN	0.0%
5/23/2021 5:00:00 AM	25.0	2	2	25	NaN	0.0%
5/23/2021 6:00:00 AM	20.0	1	1	20	NaN	0.0%
5/23/2021 7:00:00 AM	30.0	2	2	30	27.5	100.0%
5/23/2021 8:00:00 AM	20.0	3	4	25	NaN	0.0%
5/23/2021 9:00:00 AM	25.0	8	9	30	27.5	11.1%
5/23/2021 10:00:00 AM	24.0	8	9	25	NaN	0.0%
5/23/2021 11:00:00 AM	26.3	15	18	30	27.5	22.2%
5/23/2021 12:00:00 PM	27.5	11	13	35	29.2	23.1%
5/23/2021 1:00:00 PM	25.0	18	21	30	27.5	14.3%
5/23/2021 2:00:00 PM	24.5	18	21	35	30.0	9.5%
5/23/2021 3:00:00 PM	24.6	18	21	35	30.0	9.5%
5/23/2021 4:00:00 PM	25.0	15	18	30	27.5	16.7%
5/23/2021 5:00:00 PM	27.9	19	22	30	27.5	31.8%
5/23/2021 6:00:00 PM	27.0	17	20	30	27.5	25.0%
5/23/2021 7:00:00 PM	30.0	6	7	35	30.0	28.6%
5/23/2021 8:00:00 PM	24.2	9	11	30	27.5	9.1%
5/23/2021 9:00:00 PM	23.3	9	11	25	NaN	0.0%
5/23/2021 10:00:00 PM	25.0	10	12	30	27.5	16.7%
5/23/2021 11:00:00 PM	24.0	5	6	25	NaN	0.0%
5/24/2021 12:00:00 AM	30.0	5	6	35	30.0	33.3%
5/24/2021 1:00:00 AM	25.0	1	1	25	NaN	0.0%
5/24/2021 2:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2021 3:00:00 AM	20.0	1	1	20	NaN	0.0%
5/24/2021 4:00:00 AM	20.0	1	1	20	NaN	0.0%
5/24/2021 5:00:00 AM	0.0	0	0	0	NaN	NaN
5/24/2021 6:00:00 AM	20.0	3	4	25	NaN	0.0%
5/24/2021 7:00:00 AM	23.3	4	5	25	NaN	0.0%
5/24/2021 8:00:00 AM	25.0	7	8	35	32.5	12.5%
5/24/2021 9:00:00 AM	24.8	39	46	45	30.0	13.0%
5/24/2021 10:00:00 AM	23.0	9	11	25	NaN	0.0%
5/24/2021 11:00:00 AM	25.0	11	13	35	30.0	15.4%

5/24/2021 12:00:00 PM	26.7	14	16	30	27.5	18.8%
5/24/2021 1:00:00 PM	26.7	26	30	50	33.5	16.7%
5/24/2021 2:00:00 PM	26.7	11	13	30	27.5	23.1%
5/24/2021 3:00:00 PM	26.7	37	43	75	33.8	18.6%
5/24/2021 4:00:00 PM	27.5	22	26	30	27.5	30.8%
5/24/2021 5:00:00 PM	28.3	24	28	35	28.8	28.6%
5/24/2021 6:00:00 PM	28.3	13	15	30	27.5	40.0%
5/24/2021 7:00:00 PM	29.2	19	22	50	30.6	36.4%
5/24/2021 8:00:00 PM	26.3	16	19	30	27.5	21.1%
5/24/2021 9:00:00 PM	26.7	17	20	35	28.8	20.0%
5/24/2021 10:00:00 PM	24.4	8	10	30	27.5	10.0%
5/24/2021 11:00:00 PM	23.8	5	6	25	NaN	0.0%
5/25/2021 12:00:00 AM	30.0	5	6	55	33.8	66.7%
5/25/2021 1:00:00 AM	25.0	2	2	25	NaN	0.0%
5/25/2021 2:00:00 AM	30.0	3	3	30	27.5	66.7%
5/25/2021 3:00:00 AM	30.0	1	1	30	27.5	100.0%
5/25/2021 4:00:00 AM	0.0	0	0	0	NaN	NaN
5/25/2021 5:00:00 AM	25.0	1	1	25	NaN	0.0%
5/25/2021 6:00:00 AM	28.3	5	6	30	27.5	50.0%
5/25/2021 7:00:00 AM	23.3	3	4	25	NaN	0.0%
5/25/2021 8:00:00 AM	30.0	11	13	35	30.0	30.8%
5/25/2021 9:00:00 AM	26.0	29	34	50	30.8	17.6%
5/25/2021 10:00:00 AM	25.0	6	7	30	27.5	14.3%
5/25/2021 11:00:00 AM	30.0	8	9	50	37.5	22.2%
5/25/2021 12:00:00 PM	24.2	9	11	30	27.5	9.1%
5/25/2021 1:00:00 PM	24.4	12	14	30	27.5	7.1%
5/25/2021 2:00:00 PM	27.5	11	13	35	29.2	23.1%
5/25/2021 3:00:00 PM	26.5	40	47	30	27.5	21.3%
5/25/2021 4:00:00 PM	30.0	19	22	40	29.5	45.5%
5/25/2021 5:00:00 PM	27.9	21	25	45	29.4	32.0%
5/25/2021 6:00:00 PM	28.3	19	22	35	28.2	31.8%
5/25/2021 7:00:00 PM	28.3	7	8	30	27.5	37.5%
5/25/2021 8:00:00 PM	28.3	10	12	35	28.8	33.3%
5/25/2021 9:00:00 PM	30.0	14	17	40	31.5	29.4%

5/25/2021 10:00:00 PM	28.3	10	12	40	30.0	33.3%
5/25/2021 11:00:00 PM	25.0	3	4	30	27.5	25.0%
5/26/2021 12:00:00 AM	23.8	4	5	25	NaN	0.0%
5/26/2021 1:00:00 AM	30.0	2	2	30	27.5	50.0%
5/26/2021 2:00:00 AM	30.0	1	1	30	27.5	100.0%
5/26/2021 3:00:00 AM	0.0	0	0	0	NaN	NaN
5/26/2021 4:00:00 AM	25.0	1	1	25	NaN	0.0%
5/26/2021 5:00:00 AM	25.0	1	1	25	NaN	0.0%
5/26/2021 6:00:00 AM	27.5	4	5	30	27.5	40.0%
5/26/2021 7:00:00 AM	27.5	4	5	30	27.5	40.0%
5/26/2021 8:00:00 AM	25.0	8	9	30	27.5	11.1%
5/26/2021 9:00:00 AM	24.7	41	48	45	30.0	12.5%
5/26/2021 10:00:00 AM	23.8	6	7	25	NaN	0.0%
5/26/2021 11:00:00 AM	27.5	12	14	30	27.5	28.6%
5/26/2021 12:00:00 PM	26.7	12	14	30	27.5	21.4%
5/26/2021 1:00:00 PM	24.3	14	17	30	27.5	11.8%
5/26/2021 2:00:00 PM	26.7	12	14	30	27.5	21.4%
5/26/2021 3:00:00 PM	26.8	40	47	30	27.5	23.4%
5/26/2021 4:00:00 PM	24.7	21	25	30	27.5	12.0%
5/26/2021 5:00:00 PM	27.5	14	17	35	28.5	29.4%
5/26/2021 6:00:00 PM	24.0	19	22	35	32.5	4.5%
5/26/2021 7:00:00 PM	23.9	11	13	25	NaN	0.0%
5/26/2021 8:00:00 PM	23.8	8	10	35	32.5	10.0%
5/26/2021 9:00:00 PM	27.0	25	29	35	28.3	20.7%
5/26/2021 10:00:00 PM	23.8	8	9	25	NaN	0.0%
5/26/2021 11:00:00 PM	25.0	3	4	30	27.5	25.0%
5/27/2021 12:00:00 AM	26.7	10	12	30	27.5	25.0%
5/27/2021 1:00:00 AM	30.0	2	2	30	27.5	50.0%
5/27/2021 2:00:00 AM	25.0	1	1	25	NaN	0.0%
5/27/2021 3:00:00 AM	25.0	1	1	25	NaN	0.0%
5/27/2021 4:00:00 AM	30.0	1	1	30	27.5	100.0%
5/27/2021 5:00:00 AM	0.0	0	0	0	NaN	NaN
5/27/2021 6:00:00 AM	25.0	2	2	25	NaN	0.0%
5/27/2021 7:00:00 AM	30.0	3	3	30	27.5	33.3%

5/27/2021 8:00:00 AM	28.8	74	87	35	28.0	46.0%
5/27/2021 9:00:00 AM	29.4	62	73	40	28.9	47.9%

**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>
5/21/2021 12:00:00 AM	27.6	154	181	35	28.1	27.6%
5/22/2021 12:00:00 AM	28.6	275	324	50	28.7	36.7%
5/23/2021 12:00:00 AM	28.3	241	284	40	28.5	32.4%
5/24/2021 12:00:00 AM	25.3	208	245	35	28.1	15.9%
5/25/2021 12:00:00 AM	26.6	292	344	75	29.9	20.6%
5/26/2021 12:00:00 AM	27.6	248	292	50	29.2	26.0%
5/27/2021 12:00:00 AM	25.7	277	326	45	28.1	17.2%
5/27/2021 8:30:00 AM	28.9	144	170	40	28.4	45.9%