

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer

Location/Name: EMMITT BETWEEN LAWERENCE & PASADENA E/B

Report Generated: 7/23/2020 2:05:12 PM

Speed Intervals = 5 mph

Time Intervals = 5 minutes

Traffic Report From 6/29/2020 6:20:00 AM through 7/6/2020 1:55:00 PM

85th Percentile Speed = 29.9 mph

85th Percentile Vehicles = 830 counts

Max Speed = 65.0 mph on 7/3/2020 11:55:00 AM

Total Vehicles = 977 counts

AADT: 133.5

Volumes - weekly vehicle counts

| | Time | 5 Day | 7 Day |
|---------------|---------------|-------|-------|
| Average Daily | | 127 | 125 |
| AM peak | 9:00 to 10:00 | 6 | 7 |
| PM peak | 7:00 to 8:00 | 12 | 10 |

Speed

Speed limit: 25 mph

85th Percentile Speed: 29.9 mph

Average Speed: 22.1 mph

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 42 | 55 | 43 | 63 | 50 | 49 | 49 |
| % over limit | 20.6 | 38.7 | 37.1 | 42.9 | 37.9 | 41.2 | 41.9 |
| Avg speeder | 30.0 | 30.0 | 29.9 | 31.8 | 31.3 | 30.9 | 30.8 |

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> |
|-------------------------|-----------------------|-----------------------|-------------------|------------------|--------------------|-------------------|
| 6/29/2020 7:00:00 AM | 26.7 | 8 | 10 | 30 | 27.5 | 30.0% |
| 6/29/2020 8:00:00 AM | 24.4 | 15 | 18 | 30 | 27.5 | 11.1% |
| 6/29/2020 9:00:00 AM | 40.0 | 3 | 3 | 40 | 37.5 | 33.3% |
| 6/29/2020 10:00:00 AM | 15.0 | 3 | 4 | 30 | 27.5 | 25.0% |
| 6/29/2020 11:00:00 AM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 6/29/2020 12:00:00 PM | 20.0 | 3 | 4 | 25 | NaN | 0.0% |
| 6/29/2020 1:00:00 PM | 28.3 | 6 | 7 | 30 | 27.5 | 42.9% |
| 6/29/2020 2:00:00 PM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 6/29/2020 3:00:00 PM | 25.0 | 10 | 12 | 40 | 35.0 | 16.7% |
| 6/29/2020 4:00:00 PM | 30.0 | 10 | 12 | 35 | 29.5 | 41.7% |
| 6/29/2020 5:00:00 PM | 27.5 | 6 | 7 | 30 | 27.5 | 28.6% |
| 6/29/2020 6:00:00 PM | 31.7 | 9 | 11 | 35 | 30.5 | 45.5% |
| 6/29/2020 7:00:00 PM | 30.0 | 9 | 11 | 35 | 30.8 | 27.3% |
| 6/29/2020 8:00:00 PM | 25.0 | 11 | 13 | 35 | 30.0 | 15.4% |
| 6/29/2020 9:00:00 PM | 23.3 | 5 | 6 | 25 | NaN | 0.0% |
| 6/29/2020 10:00:00 PM | 25.0 | 7 | 8 | 40 | 37.5 | 12.5% |
| 6/29/2020 11:00:00 PM | 15.0 | 1 | 1 | 15 | NaN | 0.0% |
| 6/30/2020 12:00:00 AM | 35.0 | 2 | 2 | 35 | 32.5 | 50.0% |
| 6/30/2020 1:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/30/2020 2:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 6/30/2020 3:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/30/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/30/2020 5:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 6/30/2020 6:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/30/2020 7:00:00 AM | 25.0 | 3 | 3 | 25 | NaN | 0.0% |
| 6/30/2020 8:00:00 AM | 30.0 | 4 | 5 | 40 | 32.5 | 40.0% |
| 6/30/2020 9:00:00 AM | 35.0 | 8 | 10 | 50 | 40.8 | 30.0% |
| 6/30/2020 10:00:00 AM | 25.0 | 4 | 5 | 50 | 47.5 | 20.0% |
| 6/30/2020 11:00:00 AM | 20.0 | 8 | 10 | 30 | 27.5 | 20.0% |
| 6/30/2020 12:00:00 PM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/30/2020 1:00:00 PM | 30.0 | 5 | 6 | 35 | 28.5 | 83.3% |
| 6/30/2020 2:00:00 PM | 26.7 | 8 | 10 | 30 | 27.5 | 30.0% |

| | | | | | | |
|-----------------------|------|----|----|----|------|--------|
| 6/30/2020 3:00:00 PM | 28.0 | 9 | 11 | 30 | 27.5 | 45.5% |
| 6/30/2020 4:00:00 PM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |
| 6/30/2020 5:00:00 PM | 30.0 | 12 | 14 | 35 | 29.2 | 42.9% |
| 6/30/2020 6:00:00 PM | 30.0 | 8 | 10 | 40 | 30.5 | 50.0% |
| 6/30/2020 7:00:00 PM | 27.5 | 11 | 13 | 35 | 29.2 | 23.1% |
| 6/30/2020 8:00:00 PM | 30.0 | 11 | 13 | 40 | 30.5 | 38.5% |
| 6/30/2020 9:00:00 PM | 31.7 | 10 | 12 | 35 | 29.4 | 66.7% |
| 6/30/2020 10:00:00 PM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 6/30/2020 11:00:00 PM | 35.0 | 2 | 2 | 35 | 30.0 | 100.0% |
| 7/1/2020 12:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/1/2020 1:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 7/1/2020 2:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 7/1/2020 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/1/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/1/2020 5:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 7/1/2020 6:00:00 AM | 35.0 | 1 | 1 | 35 | 32.5 | 100.0% |
| 7/1/2020 7:00:00 AM | 20.0 | 2 | 2 | 20 | NaN | 0.0% |
| 7/1/2020 8:00:00 AM | 32.5 | 7 | 8 | 35 | 30.0 | 50.0% |
| 7/1/2020 9:00:00 AM | 35.0 | 2 | 2 | 35 | 32.5 | 50.0% |
| 7/1/2020 10:00:00 AM | 25.0 | 3 | 4 | 45 | 42.5 | 25.0% |
| 7/1/2020 11:00:00 AM | 27.5 | 6 | 7 | 30 | 27.5 | 28.6% |
| 7/1/2020 12:00:00 PM | 30.0 | 8 | 9 | 35 | 28.8 | 44.4% |
| 7/1/2020 1:00:00 PM | 28.0 | 10 | 12 | 30 | 27.5 | 41.7% |
| 7/1/2020 2:00:00 PM | 30.0 | 3 | 4 | 35 | 30.0 | 50.0% |
| 7/1/2020 3:00:00 PM | 40.0 | 3 | 3 | 40 | 37.5 | 33.3% |
| 7/1/2020 4:00:00 PM | 30.0 | 6 | 7 | 35 | 28.5 | 71.4% |
| 7/1/2020 5:00:00 PM | 28.8 | 8 | 10 | 35 | 28.5 | 50.0% |
| 7/1/2020 6:00:00 PM | 32.5 | 7 | 8 | 35 | 29.5 | 62.5% |
| 7/1/2020 7:00:00 PM | 30.0 | 3 | 4 | 35 | 30.0 | 50.0% |
| 7/1/2020 8:00:00 PM | 25.0 | 8 | 10 | 35 | 30.0 | 20.0% |
| 7/1/2020 9:00:00 PM | 19.0 | 9 | 11 | 50 | 47.5 | 9.1% |
| 7/1/2020 10:00:00 PM | 23.3 | 6 | 7 | 25 | NaN | 0.0% |
| 7/1/2020 11:00:00 PM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 7/2/2020 12:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |

| | | | | | | |
|----------------------|------|----|----|----|------|--------|
| 7/2/2020 1:00:00 AM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 7/2/2020 2:00:00 AM | 20.0 | 2 | 2 | 20 | NaN | 0.0% |
| 7/2/2020 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/2/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/2/2020 5:00:00 AM | 40.0 | 2 | 2 | 40 | 35.0 | 100.0% |
| 7/2/2020 6:00:00 AM | 25.0 | 3 | 3 | 25 | NaN | 0.0% |
| 7/2/2020 7:00:00 AM | 25.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 7/2/2020 8:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/2/2020 9:00:00 AM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |
| 7/2/2020 10:00:00 AM | 20.0 | 5 | 6 | 30 | 27.5 | 16.7% |
| 7/2/2020 11:00:00 AM | 35.0 | 3 | 3 | 35 | 32.5 | 33.3% |
| 7/2/2020 12:00:00 PM | 25.0 | 3 | 4 | 30 | 27.5 | 25.0% |
| 7/2/2020 1:00:00 PM | 30.0 | 5 | 6 | 35 | 30.0 | 33.3% |
| 7/2/2020 2:00:00 PM | 32.5 | 7 | 8 | 35 | 30.0 | 50.0% |
| 7/2/2020 3:00:00 PM | 30.0 | 8 | 9 | 35 | 28.3 | 66.7% |
| 7/2/2020 4:00:00 PM | 32.5 | 11 | 13 | 40 | 31.5 | 38.5% |
| 7/2/2020 5:00:00 PM | 30.0 | 9 | 11 | 40 | 30.0 | 54.5% |
| 7/2/2020 6:00:00 PM | 35.0 | 10 | 12 | 45 | 31.4 | 75.0% |
| 7/2/2020 7:00:00 PM | 45.0 | 6 | 7 | 50 | 45.0 | 28.6% |
| 7/2/2020 8:00:00 PM | 35.0 | 13 | 15 | 60 | 36.1 | 46.7% |
| 7/2/2020 9:00:00 PM | 25.0 | 8 | 9 | 35 | 32.5 | 11.1% |
| 7/2/2020 10:00:00 PM | 30.0 | 8 | 10 | 35 | 30.0 | 40.0% |
| 7/2/2020 11:00:00 PM | 47.5 | 7 | 8 | 50 | 34.2 | 75.0% |
| 7/3/2020 12:00:00 AM | 32.5 | 3 | 4 | 35 | 30.8 | 75.0% |
| 7/3/2020 1:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 7/3/2020 2:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 7/3/2020 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/3/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/3/2020 5:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 7/3/2020 6:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/3/2020 7:00:00 AM | 40.0 | 2 | 2 | 40 | 37.5 | 100.0% |
| 7/3/2020 8:00:00 AM | 25.0 | 3 | 3 | 25 | NaN | 0.0% |
| 7/3/2020 9:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 7/3/2020 10:00:00 AM | 25.0 | 8 | 10 | 35 | 32.5 | 20.0% |

| | | | | | | |
|----------------------|------|----|----|----|------|--------|
| 7/3/2020 11:00:00 AM | 30.0 | 5 | 6 | 40 | 32.5 | 33.3% |
| 7/3/2020 12:00:00 PM | 30.0 | 9 | 11 | 65 | 35.5 | 45.5% |
| 7/3/2020 1:00:00 PM | 30.0 | 7 | 8 | 35 | 30.0 | 25.0% |
| 7/3/2020 2:00:00 PM | 30.0 | 8 | 10 | 35 | 28.9 | 70.0% |
| 7/3/2020 3:00:00 PM | 28.3 | 8 | 9 | 30 | 27.5 | 33.3% |
| 7/3/2020 4:00:00 PM | 32.5 | 5 | 6 | 35 | 30.0 | 66.7% |
| 7/3/2020 5:00:00 PM | 29.2 | 7 | 8 | 30 | 27.5 | 75.0% |
| 7/3/2020 6:00:00 PM | 35.0 | 8 | 9 | 40 | 30.5 | 55.6% |
| 7/3/2020 7:00:00 PM | 35.0 | 4 | 5 | 45 | 33.8 | 80.0% |
| 7/3/2020 8:00:00 PM | 25.0 | 8 | 9 | 40 | 37.5 | 11.1% |
| 7/3/2020 9:00:00 PM | 25.0 | 8 | 10 | 35 | 32.5 | 20.0% |
| 7/3/2020 10:00:00 PM | 27.5 | 4 | 5 | 30 | 27.5 | 40.0% |
| 7/3/2020 11:00:00 PM | 25.0 | 8 | 10 | 50 | 40.0 | 20.0% |
| 7/4/2020 12:00:00 AM | 23.3 | 3 | 4 | 25 | NaN | 0.0% |
| 7/4/2020 1:00:00 AM | 35.0 | 3 | 3 | 35 | 30.0 | 66.7% |
| 7/4/2020 2:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/4/2020 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/4/2020 4:00:00 AM | 45.0 | 3 | 3 | 45 | 35.8 | 100.0% |
| 7/4/2020 5:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/4/2020 6:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/4/2020 7:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 7/4/2020 8:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/4/2020 9:00:00 AM | 40.0 | 3 | 3 | 40 | 35.0 | 66.7% |
| 7/4/2020 10:00:00 AM | 32.5 | 5 | 6 | 35 | 32.5 | 33.3% |
| 7/4/2020 11:00:00 AM | 23.3 | 10 | 12 | 30 | 27.5 | 8.3% |
| 7/4/2020 12:00:00 PM | 31.7 | 9 | 11 | 35 | 30.5 | 45.5% |
| 7/4/2020 1:00:00 PM | 35.0 | 8 | 9 | 50 | 31.8 | 77.8% |
| 7/4/2020 2:00:00 PM | 30.0 | 8 | 9 | 35 | 30.0 | 22.2% |
| 7/4/2020 3:00:00 PM | 27.5 | 8 | 9 | 30 | 27.5 | 22.2% |
| 7/4/2020 4:00:00 PM | 30.0 | 3 | 4 | 40 | 32.5 | 50.0% |
| 7/4/2020 5:00:00 PM | 32.5 | 6 | 7 | 35 | 30.8 | 42.9% |
| 7/4/2020 6:00:00 PM | 30.0 | 9 | 11 | 45 | 30.8 | 54.5% |
| 7/4/2020 7:00:00 PM | 27.5 | 5 | 6 | 30 | 27.5 | 33.3% |
| 7/4/2020 8:00:00 PM | 30.0 | 3 | 3 | 30 | 27.5 | 66.7% |

| | | | | | | |
|----------------------|------|----|----|----|------|--------|
| 7/4/2020 9:00:00 PM | 35.0 | 4 | 5 | 40 | 32.5 | 60.0% |
| 7/4/2020 10:00:00 PM | 25.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 7/4/2020 11:00:00 PM | 23.3 | 7 | 8 | 25 | NaN | 0.0% |
| 7/5/2020 12:00:00 AM | 30.0 | 3 | 4 | 35 | 29.2 | 75.0% |
| 7/5/2020 1:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/5/2020 2:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 7/5/2020 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/5/2020 4:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 7/5/2020 5:00:00 AM | 10.0 | 1 | 1 | 10 | NaN | 0.0% |
| 7/5/2020 6:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/5/2020 7:00:00 AM | 40.0 | 2 | 2 | 40 | 37.5 | 100.0% |
| 7/5/2020 8:00:00 AM | 20.0 | 2 | 2 | 20 | NaN | 0.0% |
| 7/5/2020 9:00:00 AM | 30.0 | 3 | 4 | 35 | 30.0 | 50.0% |
| 7/5/2020 10:00:00 AM | 30.0 | 6 | 7 | 35 | 29.2 | 42.9% |
| 7/5/2020 11:00:00 AM | 30.0 | 6 | 7 | 35 | 29.2 | 42.9% |
| 7/5/2020 12:00:00 PM | 35.0 | 8 | 9 | 40 | 30.4 | 77.8% |
| 7/5/2020 1:00:00 PM | 23.3 | 3 | 4 | 25 | NaN | 0.0% |
| 7/5/2020 2:00:00 PM | 32.5 | 11 | 13 | 55 | 36.3 | 30.8% |
| 7/5/2020 3:00:00 PM | 27.5 | 3 | 4 | 30 | 27.5 | 50.0% |
| 7/5/2020 4:00:00 PM | 30.0 | 9 | 11 | 35 | 29.2 | 54.5% |
| 7/5/2020 5:00:00 PM | 27.5 | 8 | 10 | 30 | 27.5 | 40.0% |
| 7/5/2020 6:00:00 PM | 27.5 | 4 | 5 | 30 | 27.5 | 40.0% |
| 7/5/2020 7:00:00 PM | 28.8 | 8 | 9 | 30 | 27.5 | 44.4% |
| 7/5/2020 8:00:00 PM | 35.0 | 8 | 10 | 45 | 33.5 | 50.0% |
| 7/5/2020 9:00:00 PM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 7/5/2020 10:00:00 PM | 27.5 | 6 | 7 | 30 | 27.5 | 28.6% |
| 7/5/2020 11:00:00 PM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 7/6/2020 12:00:00 AM | 60.0 | 1 | 1 | 60 | 57.5 | 100.0% |
| 7/6/2020 1:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/6/2020 2:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 7/6/2020 3:00:00 AM | 35.0 | 1 | 1 | 35 | 32.5 | 100.0% |
| 7/6/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 7/6/2020 5:00:00 AM | 40.0 | 1 | 1 | 40 | 37.5 | 100.0% |
| 7/6/2020 6:00:00 AM | 35.0 | 1 | 1 | 35 | 32.5 | 100.0% |

| | | | | | | |
|----------------------|------|----|----|----|------|-------|
| 7/6/2020 7:00:00 AM | 25.0 | 3 | 3 | 25 | NaN | 0.0% |
| 7/6/2020 8:00:00 AM | 28.3 | 4 | 5 | 30 | 27.5 | 60.0% |
| 7/6/2020 9:00:00 AM | 22.5 | 5 | 6 | 25 | NaN | 0.0% |
| 7/6/2020 10:00:00 AM | 23.8 | 8 | 10 | 30 | 27.5 | 10.0% |
| 7/6/2020 11:00:00 AM | 25.0 | 5 | 6 | 30 | 27.5 | 16.7% |
| 7/6/2020 12:00:00 PM | 20.0 | 9 | 11 | 35 | 32.5 | 9.1% |
| 7/6/2020 1:00:00 PM | 20.0 | 11 | 13 | 25 | NaN | 0.0% |
| 7/6/2020 2:00:00 PM | 20.0 | 3 | 3 | 20 | NaN | 0.0% |

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

| Date/Time Ending | 85th pctl(mph) | 85th pctl counts | Total | Max Speed | Avg Speeder | % Speeders |
|-------------------------|-----------------------|-------------------------|--------------|------------------|--------------------|-------------------|
| 6/30/2020 12:00:00 AM | 28.0 | 122 | 143 | 40 | 29.9 | 23.1% |
| 7/1/2020 12:00:00 AM | 29.5 | 121 | 142 | 50 | 30.0 | 38.7% |
| 7/2/2020 12:00:00 AM | 29.6 | 99 | 116 | 50 | 29.9 | 37.1% |
| 7/3/2020 12:00:00 AM | 32.3 | 126 | 148 | 60 | 31.7 | 43.2% |
| 7/4/2020 12:00:00 AM | 30.7 | 111 | 131 | 65 | 31.4 | 37.4% |
| 7/5/2020 12:00:00 AM | 31.3 | 101 | 119 | 50 | 30.9 | 41.2% |
| 7/6/2020 12:00:00 AM | 29.8 | 99 | 117 | 60 | 30.8 | 41.9% |
| 7/6/2020 1:55:00 PM | 25.0 | 52 | 61 | 40 | 30.3 | 14.8% |