

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer

Location/Name: 321 S MURRAY HILL S/B

Report Generated: 6/29/2020 6:27:37 AM

Speed Intervals = 5 mph

Time Intervals = 5 minutes

Traffic Report From 6/15/2020 6:35:00 AM through 6/22/2020 6:15:00 AM

85th Percentile Speed = 24.9 mph

85th Percentile Vehicles = 5,348 counts

Max Speed = 80.0 mph on 6/17/2020 6:30:00 AM

Total Vehicles = 6,292 counts

AADT: 900.6

Volumes - weekly vehicle counts

| | Time | 5 Day | 7 Day |
|---------------|----------------|-------|-------|
| Average Daily | | 831 | 834 |
| AM peak | 10:00 to 11:00 | 41 | 41 |
| PM peak | 3:00 to 4:00 | 82 | 78 |

Speed

Speed limit: 25 mph

85th Percentile Speed: 24.9 mph

Average Speed: 20.4 mph

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 113 | 135 | 108 | 134 | 106 | 119 | 172 |
| % over limit | 12.5 | 13.5 | 12.0 | 16.4 | 10.7 | 13.0 | 22.5 |
| Avg speeder | 27.9 | 28.7 | 29.9 | 28.1 | 28.3 | 28.3 | 28.2 |

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> |
|-------------------------|-----------------------|-----------------------|-------------------|------------------|--------------------|-------------------|
| 6/15/2020 7:00:00 AM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/15/2020 8:00:00 AM | 24.4 | 12 | 14 | 30 | 27.5 | 7.1% |
| 6/15/2020 9:00:00 AM | 23.3 | 17 | 20 | 30 | 27.5 | 10.0% |
| 6/15/2020 10:00:00 AM | 22.0 | 29 | 34 | 30 | 27.5 | 5.9% |
| 6/15/2020 11:00:00 AM | 23.6 | 37 | 44 | 40 | 30.0 | 9.1% |
| 6/15/2020 12:00:00 PM | 24.1 | 48 | 57 | 30 | 27.5 | 8.8% |
| 6/15/2020 1:00:00 PM | 23.8 | 53 | 62 | 30 | 27.5 | 4.8% |
| 6/15/2020 2:00:00 PM | 24.7 | 44 | 52 | 35 | 28.2 | 13.5% |
| 6/15/2020 3:00:00 PM | 24.5 | 71 | 84 | 30 | 27.5 | 11.9% |
| 6/15/2020 4:00:00 PM | 26.3 | 65 | 77 | 35 | 27.8 | 20.8% |
| 6/15/2020 5:00:00 PM | 24.5 | 66 | 78 | 35 | 28.1 | 10.3% |
| 6/15/2020 6:00:00 PM | 24.8 | 66 | 78 | 30 | 27.5 | 12.8% |
| 6/15/2020 7:00:00 PM | 25.6 | 60 | 70 | 35 | 28.4 | 15.7% |
| 6/15/2020 8:00:00 PM | 23.8 | 40 | 47 | 30 | 27.5 | 4.3% |
| 6/15/2020 9:00:00 PM | 26.1 | 44 | 52 | 35 | 28.0 | 19.2% |
| 6/15/2020 10:00:00 PM | 23.7 | 33 | 39 | 30 | 27.5 | 2.6% |
| 6/15/2020 11:00:00 PM | 25.0 | 37 | 43 | 30 | 27.5 | 14.0% |
| 6/16/2020 12:00:00 AM | 25.0 | 14 | 16 | 30 | 27.5 | 12.5% |
| 6/16/2020 1:00:00 AM | 24.0 | 6 | 7 | 25 | NaN | 0.0% |
| 6/16/2020 2:00:00 AM | 25.0 | 8 | 9 | 30 | 27.5 | 11.1% |
| 6/16/2020 3:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/16/2020 4:00:00 AM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 6/16/2020 5:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/16/2020 6:00:00 AM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/16/2020 7:00:00 AM | 26.7 | 8 | 10 | 30 | 27.5 | 30.0% |
| 6/16/2020 8:00:00 AM | 23.6 | 16 | 19 | 25 | NaN | 0.0% |
| 6/16/2020 9:00:00 AM | 24.6 | 26 | 31 | 35 | 28.8 | 12.9% |
| 6/16/2020 10:00:00 AM | 24.6 | 26 | 31 | 30 | 27.5 | 12.9% |
| 6/16/2020 11:00:00 AM | 24.6 | 45 | 53 | 30 | 27.5 | 11.3% |
| 6/16/2020 12:00:00 PM | 27.0 | 51 | 60 | 40 | 29.0 | 21.7% |
| 6/16/2020 1:00:00 PM | 27.0 | 48 | 57 | 30 | 27.5 | 26.3% |
| 6/16/2020 2:00:00 PM | 24.5 | 54 | 64 | 35 | 28.8 | 12.5% |

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|-----------------------|------|----|----|----|------|-------|
| 6/16/2020 3:00:00 PM | 24.1 | 77 | 91 | 55 | 34.6 | 7.7% |
| 6/16/2020 4:00:00 PM | 24.8 | 80 | 94 | 50 | 29.0 | 13.8% |
| 6/16/2020 5:00:00 PM | 24.4 | 75 | 88 | 35 | 28.1 | 10.2% |
| 6/16/2020 6:00:00 PM | 24.7 | 82 | 97 | 35 | 28.3 | 13.4% |
| 6/16/2020 7:00:00 PM | 24.6 | 55 | 65 | 35 | 28.1 | 12.3% |
| 6/16/2020 8:00:00 PM | 25.0 | 54 | 63 | 35 | 29.2 | 14.3% |
| 6/16/2020 9:00:00 PM | 25.0 | 44 | 52 | 35 | 28.1 | 15.4% |
| 6/16/2020 10:00:00 PM | 24.3 | 39 | 46 | 40 | 29.2 | 13.0% |
| 6/16/2020 11:00:00 PM | 24.5 | 21 | 25 | 40 | 30.8 | 12.0% |
| 6/17/2020 12:00:00 AM | 25.0 | 18 | 21 | 30 | 27.5 | 14.3% |
| 6/17/2020 1:00:00 AM | 21.7 | 10 | 12 | 25 | NaN | 0.0% |
| 6/17/2020 2:00:00 AM | 15.0 | 2 | 2 | 15 | NaN | 0.0% |
| 6/17/2020 3:00:00 AM | 20.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 6/17/2020 4:00:00 AM | 23.3 | 3 | 4 | 25 | NaN | 0.0% |
| 6/17/2020 5:00:00 AM | 20.0 | 3 | 4 | 25 | NaN | 0.0% |
| 6/17/2020 6:00:00 AM | 23.8 | 9 | 11 | 30 | 27.5 | 9.1% |
| 6/17/2020 7:00:00 AM | 24.3 | 15 | 18 | 80 | 52.5 | 11.1% |
| 6/17/2020 8:00:00 AM | 25.0 | 14 | 16 | 30 | 27.5 | 12.5% |
| 6/17/2020 9:00:00 AM | 25.0 | 18 | 21 | 30 | 27.5 | 14.3% |
| 6/17/2020 10:00:00 AM | 24.0 | 18 | 21 | 30 | 27.5 | 4.8% |
| 6/17/2020 11:00:00 AM | 24.1 | 26 | 31 | 35 | 30.0 | 6.5% |
| 6/17/2020 12:00:00 PM | 24.7 | 48 | 56 | 35 | 28.2 | 12.5% |
| 6/17/2020 1:00:00 PM | 25.0 | 39 | 46 | 35 | 28.2 | 15.2% |
| 6/17/2020 2:00:00 PM | 26.9 | 48 | 56 | 40 | 29.8 | 19.6% |
| 6/17/2020 3:00:00 PM | 24.7 | 61 | 72 | 40 | 29.2 | 12.5% |
| 6/17/2020 4:00:00 PM | 24.0 | 67 | 79 | 35 | 28.3 | 7.6% |
| 6/17/2020 5:00:00 PM | 24.6 | 70 | 82 | 40 | 28.6 | 11.0% |
| 6/17/2020 6:00:00 PM | 27.5 | 77 | 91 | 60 | 30.8 | 25.3% |
| 6/17/2020 7:00:00 PM | 24.5 | 60 | 71 | 40 | 30.6 | 11.3% |
| 6/17/2020 8:00:00 PM | 23.8 | 51 | 60 | 30 | 27.5 | 5.0% |
| 6/17/2020 9:00:00 PM | 24.6 | 43 | 51 | 45 | 29.6 | 13.7% |
| 6/17/2020 10:00:00 PM | 23.7 | 35 | 41 | 35 | 30.0 | 4.9% |
| 6/17/2020 11:00:00 PM | 24.2 | 23 | 27 | 45 | 35.0 | 7.4% |
| 6/18/2020 12:00:00 AM | 25.0 | 20 | 23 | 35 | 30.8 | 13.0% |

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|-----------------------|------|----|----|----|------|-------|
| 6/18/2020 1:00:00 AM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 6/18/2020 2:00:00 AM | 20.0 | 7 | 8 | 25 | NaN | 0.0% |
| 6/18/2020 3:00:00 AM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |
| 6/18/2020 4:00:00 AM | 20.0 | 3 | 3 | 20 | NaN | 0.0% |
| 6/18/2020 5:00:00 AM | 20.0 | 3 | 3 | 20 | NaN | 0.0% |
| 6/18/2020 6:00:00 AM | 25.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 6/18/2020 7:00:00 AM | 23.6 | 15 | 18 | 30 | 27.5 | 5.6% |
| 6/18/2020 8:00:00 AM | 24.3 | 15 | 18 | 30 | 27.5 | 11.1% |
| 6/18/2020 9:00:00 AM | 25.0 | 20 | 23 | 30 | 27.5 | 13.0% |
| 6/18/2020 10:00:00 AM | 24.4 | 20 | 23 | 30 | 27.5 | 8.7% |
| 6/18/2020 11:00:00 AM | 24.5 | 31 | 36 | 35 | 28.8 | 11.1% |
| 6/18/2020 12:00:00 PM | 24.5 | 42 | 50 | 30 | 27.5 | 12.0% |
| 6/18/2020 1:00:00 PM | 24.8 | 50 | 59 | 30 | 27.5 | 13.6% |
| 6/18/2020 2:00:00 PM | 24.6 | 52 | 61 | 35 | 28.2 | 11.5% |
| 6/18/2020 3:00:00 PM | 24.2 | 60 | 71 | 30 | 27.5 | 9.9% |
| 6/18/2020 4:00:00 PM | 26.4 | 65 | 76 | 35 | 28.6 | 18.4% |
| 6/18/2020 5:00:00 PM | 27.1 | 60 | 70 | 30 | 27.5 | 24.3% |
| 6/18/2020 6:00:00 PM | 26.7 | 53 | 62 | 50 | 30.0 | 19.4% |
| 6/18/2020 7:00:00 PM | 27.3 | 42 | 50 | 35 | 27.9 | 28.0% |
| 6/18/2020 8:00:00 PM | 26.3 | 37 | 43 | 30 | 27.5 | 18.6% |
| 6/18/2020 9:00:00 PM | 26.9 | 34 | 40 | 35 | 28.1 | 22.5% |
| 6/18/2020 10:00:00 PM | 27.0 | 30 | 35 | 35 | 28.9 | 20.0% |
| 6/18/2020 11:00:00 PM | 25.0 | 26 | 31 | 35 | 28.5 | 16.1% |
| 6/19/2020 12:00:00 AM | 25.0 | 14 | 17 | 30 | 27.5 | 17.6% |
| 6/19/2020 1:00:00 AM | 24.0 | 9 | 11 | 25 | NaN | 0.0% |
| 6/19/2020 2:00:00 AM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 6/19/2020 3:00:00 AM | 25.0 | 5 | 6 | 30 | 27.5 | 16.7% |
| 6/19/2020 4:00:00 AM | 23.3 | 5 | 6 | 25 | NaN | 0.0% |
| 6/19/2020 5:00:00 AM | 25.0 | 3 | 3 | 25 | NaN | 0.0% |
| 6/19/2020 6:00:00 AM | 25.0 | 8 | 9 | 30 | 27.5 | 11.1% |
| 6/19/2020 7:00:00 AM | 24.0 | 14 | 16 | 30 | 27.5 | 6.3% |
| 6/19/2020 8:00:00 AM | 24.5 | 16 | 19 | 30 | 27.5 | 10.5% |
| 6/19/2020 9:00:00 AM | 24.1 | 21 | 25 | 30 | 27.5 | 8.0% |
| 6/19/2020 10:00:00 AM | 25.6 | 41 | 48 | 30 | 27.5 | 16.7% |

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|-----------------------|------|----|----|----|------|-------|
| 6/19/2020 11:00:00 AM | 24.0 | 37 | 44 | 35 | 30.0 | 4.5% |
| 6/19/2020 12:00:00 PM | 25.0 | 38 | 45 | 30 | 27.5 | 15.6% |
| 6/19/2020 1:00:00 PM | 24.5 | 54 | 63 | 40 | 29.2 | 9.5% |
| 6/19/2020 2:00:00 PM | 24.2 | 62 | 73 | 40 | 28.9 | 9.6% |
| 6/19/2020 3:00:00 PM | 24.7 | 61 | 72 | 30 | 27.5 | 13.9% |
| 6/19/2020 4:00:00 PM | 24.1 | 70 | 82 | 35 | 29.2 | 7.3% |
| 6/19/2020 5:00:00 PM | 24.0 | 84 | 99 | 30 | 27.5 | 7.1% |
| 6/19/2020 6:00:00 PM | 24.8 | 62 | 73 | 35 | 28.0 | 13.7% |
| 6/19/2020 7:00:00 PM | 24.2 | 56 | 66 | 35 | 28.3 | 9.1% |
| 6/19/2020 8:00:00 PM | 26.4 | 54 | 63 | 35 | 27.9 | 19.0% |
| 6/19/2020 9:00:00 PM | 23.6 | 49 | 58 | 30 | 27.5 | 5.2% |
| 6/19/2020 10:00:00 PM | 25.7 | 37 | 44 | 50 | 30.0 | 18.2% |
| 6/19/2020 11:00:00 PM | 24.7 | 27 | 32 | 40 | 31.3 | 12.5% |
| 6/20/2020 12:00:00 AM | 24.6 | 26 | 30 | 35 | 29.2 | 10.0% |
| 6/20/2020 1:00:00 AM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/20/2020 2:00:00 AM | 22.5 | 8 | 9 | 25 | NaN | 0.0% |
| 6/20/2020 3:00:00 AM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/20/2020 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/20/2020 5:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 6/20/2020 6:00:00 AM | 20.0 | 3 | 4 | 25 | NaN | 0.0% |
| 6/20/2020 7:00:00 AM | 25.0 | 8 | 9 | 30 | 27.5 | 11.1% |
| 6/20/2020 8:00:00 AM | 24.2 | 11 | 13 | 30 | 27.5 | 7.7% |
| 6/20/2020 9:00:00 AM | 22.0 | 17 | 20 | 25 | NaN | 0.0% |
| 6/20/2020 10:00:00 AM | 23.5 | 45 | 53 | 40 | 30.0 | 7.5% |
| 6/20/2020 11:00:00 AM | 22.9 | 30 | 35 | 30 | 27.5 | 5.7% |
| 6/20/2020 12:00:00 PM | 24.5 | 50 | 59 | 45 | 29.6 | 11.9% |
| 6/20/2020 1:00:00 PM | 24.2 | 64 | 75 | 30 | 27.5 | 9.3% |
| 6/20/2020 2:00:00 PM | 26.5 | 53 | 62 | 30 | 27.5 | 21.0% |
| 6/20/2020 3:00:00 PM | 24.8 | 61 | 72 | 50 | 30.0 | 13.9% |
| 6/20/2020 4:00:00 PM | 24.3 | 65 | 76 | 35 | 28.8 | 10.5% |
| 6/20/2020 5:00:00 PM | 24.3 | 55 | 65 | 30 | 27.5 | 10.8% |
| 6/20/2020 6:00:00 PM | 25.8 | 67 | 79 | 35 | 28.2 | 17.7% |
| 6/20/2020 7:00:00 PM | 25.6 | 48 | 57 | 35 | 28.0 | 17.5% |
| 6/20/2020 8:00:00 PM | 24.1 | 58 | 68 | 30 | 27.5 | 8.8% |

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|-----------------------|------|----|----|----|------|--------|
| 6/20/2020 9:00:00 PM | 26.5 | 40 | 47 | 30 | 27.5 | 21.3% |
| 6/20/2020 10:00:00 PM | 24.3 | 40 | 47 | 30 | 27.5 | 8.5% |
| 6/20/2020 11:00:00 PM | 26.3 | 26 | 31 | 45 | 30.8 | 19.4% |
| 6/21/2020 12:00:00 AM | 29.0 | 14 | 17 | 40 | 29.6 | 41.2% |
| 6/21/2020 1:00:00 AM | 25.0 | 5 | 6 | 30 | 27.5 | 16.7% |
| 6/21/2020 2:00:00 AM | 30.0 | 6 | 7 | 40 | 30.0 | 57.1% |
| 6/21/2020 3:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 6/21/2020 4:00:00 AM | 28.3 | 5 | 6 | 30 | 27.5 | 50.0% |
| 6/21/2020 5:00:00 AM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 6/21/2020 6:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/21/2020 7:00:00 AM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 6/21/2020 8:00:00 AM | 28.1 | 14 | 17 | 30 | 27.5 | 47.1% |
| 6/21/2020 9:00:00 AM | 24.2 | 11 | 13 | 30 | 27.5 | 7.7% |
| 6/21/2020 10:00:00 AM | 25.0 | 20 | 23 | 35 | 29.2 | 13.0% |
| 6/21/2020 11:00:00 AM | 24.4 | 36 | 42 | 30 | 27.5 | 7.1% |
| 6/21/2020 12:00:00 PM | 25.0 | 39 | 46 | 35 | 28.2 | 15.2% |
| 6/21/2020 1:00:00 PM | 26.0 | 42 | 50 | 30 | 27.5 | 20.0% |
| 6/21/2020 2:00:00 PM | 24.8 | 61 | 72 | 40 | 28.5 | 13.9% |
| 6/21/2020 3:00:00 PM | 26.5 | 51 | 60 | 30 | 27.5 | 21.7% |
| 6/21/2020 4:00:00 PM | 28.3 | 54 | 63 | 40 | 28.7 | 33.3% |
| 6/21/2020 5:00:00 PM | 27.5 | 43 | 51 | 35 | 27.8 | 29.4% |
| 6/21/2020 6:00:00 PM | 26.3 | 48 | 57 | 30 | 27.5 | 21.1% |
| 6/21/2020 7:00:00 PM | 25.0 | 61 | 72 | 35 | 28.9 | 15.3% |
| 6/21/2020 8:00:00 PM | 26.8 | 42 | 49 | 30 | 27.5 | 22.4% |
| 6/21/2020 9:00:00 PM | 28.0 | 34 | 40 | 35 | 28.3 | 30.0% |
| 6/21/2020 10:00:00 PM | 25.0 | 30 | 35 | 35 | 28.5 | 14.3% |
| 6/21/2020 11:00:00 PM | 26.7 | 21 | 25 | 40 | 30.5 | 20.0% |
| 6/22/2020 12:00:00 AM | 29.5 | 17 | 20 | 35 | 28.3 | 60.0% |
| 6/22/2020 1:00:00 AM | 28.0 | 10 | 12 | 30 | 27.5 | 41.7% |
| 6/22/2020 2:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/22/2020 3:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 100.0% |
| 6/22/2020 4:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 6/22/2020 5:00:00 AM | 30.0 | 3 | 3 | 30 | 27.5 | 33.3% |
| 6/22/2020 6:00:00 AM | 27.5 | 5 | 6 | 30 | 27.5 | 33.3% |

6/22/2020 7:00:00 AM 25.0 3 4 30 27.5 25.0%

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

| Date/Time Ending | 85th pctl(mph) | 85th pctl counts | Total | Max Speed | Avg Speeder | % Speeders |
|-------------------------|-----------------------|-------------------------|--------------|------------------|--------------------|-------------------|
| 6/16/2020 12:00:00 AM | 24.6 | 744 | 875 | 40 | 27.9 | 11.5% |
| 6/17/2020 12:00:00 AM | 24.8 | 848 | 998 | 55 | 28.7 | 13.5% |
| 6/18/2020 12:00:00 AM | 24.6 | 765 | 900 | 80 | 29.9 | 12.1% |
| 6/19/2020 12:00:00 AM | 25.4 | 694 | 817 | 50 | 28.1 | 16.3% |
| 6/20/2020 12:00:00 AM | 24.5 | 845 | 994 | 50 | 28.3 | 10.8% |
| 6/21/2020 12:00:00 AM | 24.7 | 779 | 916 | 50 | 28.4 | 13.1% |
| 6/22/2020 12:00:00 AM | 26.8 | 649 | 763 | 40 | 28.2 | 22.3% |
| 6/22/2020 6:15:00 AM | 28.3 | 25 | 29 | 30 | 27.5 | 41.4% |