

TRAFFIC ANALYSIS REPORT

For Project: Speed Trailer
Location/Name: 368 FERNHILL N/B
Report Generated: 6/9/2022 6:14:26 AM
Speed Intervals = 5 mph
Time Intervals = 5 minutes

Traffic Report From 6/2/2022 7:30:00 AM through 6/9/2022 6:05:00 AM

85th Percentile Speed = 27.3 mph
85th Percentile Vehicles = 1,788 counts
Max Speed = 75.0 mph on 6/4/2022 3:50:00 PM
Total Vehicles = 2,103 counts
AADT: 303.0

Volumes - weekly vehicle counts

| Time | 5 Day | 7 Day | |
|---------------|--------------|-------|----|
| Average Daily | 251 | 276 | |
| AM peak | 8:00 to 9:00 | 17 | 14 |
| PM peak | 4:00 to 5:00 | 24 | 24 |

Speed
Speed limit: 25 mph
85th Percentile Speed: 27.3 mph
Average Speed: 22.7 mph

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------------------|--------|---------|-----------|----------|--------|----------|--------|
| Count over limit | 63 | 62 | 70 | 78 | 81 | 83 | 68 |
| % over limit | 23.7 | 24.9 | 33.5 | 23.1 | 22.1 | 23.6 | 21.0 |
| Avg speeder | 29.2 | 29.7 | 29.6 | 28.1 | 28.9 | 29.2 | 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 |
|----------------------|----------------|----------------|------------|-----------|-------------|------------|
| 6/2/2022 8:00:00 AM | 25.0 | 8 | 9 | 30 | 27.5 | 11.1% |
| 6/2/2022 9:00:00 AM | 26.7 | 14 | 16 | 30 | 27.5 | 18.8% |
| 6/2/2022 10:00:00 AM | 25.0 | 13 | 15 | 30 | 27.5 | 13.3% |
| 6/2/2022 11:00:00 AM | 25.0 | 9 | 11 | 30 | 27.5 | 18.2% |
| 6/2/2022 12:00:00 PM | 26.3 | 17 | 20 | 30 | 27.5 | 20.0% |
| 6/2/2022 1:00:00 PM | 25.0 | 14 | 16 | 30 | 27.5 | 12.5% |
| 6/2/2022 2:00:00 PM | 31.3 | 14 | 17 | 35 | 30.4 | 41.2% |
| 6/2/2022 3:00:00 PM | 24.6 | 21 | 25 | 30 | 27.5 | 12.0% |
| 6/2/2022 4:00:00 PM | 25.0 | 13 | 15 | 30 | 27.5 | 13.3% |
| 6/2/2022 5:00:00 PM | 25.7 | 34 | 40 | 30 | 27.5 | 17.5% |
| 6/2/2022 6:00:00 PM | 28.3 | 13 | 15 | 35 | 28.8 | 26.7% |
| 6/2/2022 7:00:00 PM | 28.1 | 39 | 46 | 35 | 28.2 | 32.6% |
| 6/2/2022 8:00:00 PM | 28.0 | 27 | 32 | 35 | 28.0 | 34.4% |
| 6/2/2022 9:00:00 PM | 28.8 | 12 | 14 | 35 | 28.5 | 35.7% |
| 6/2/2022 10:00:00 PM | 28.0 | 19 | 22 | 35 | 28.3 | 27.3% |
| 6/2/2022 11:00:00 PM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/3/2022 12:00:00 AM | 25.0 | 5 | 6 | 30 | 27.5 | 16.7% |
| 6/3/2022 1:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 6/3/2022 2:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/3/2022 3:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/3/2022 4:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/3/2022 5:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/3/2022 6:00:00 AM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/3/2022 7:00:00 AM | 28.3 | 9 | 11 | 35 | 28.8 | 36.4% |
| 6/3/2022 8:00:00 AM | 28.8 | 15 | 18 | 65 | 34.2 | 33.3% |
| 6/3/2022 9:00:00 AM | 28.0 | 15 | 18 | 35 | 28.3 | 33.3% |
| 6/3/2022 10:00:00 AM | 24.0 | 6 | 7 | 25 | NaN | 0.0% |
| 6/3/2022 11:00:00 AM | 28.3 | 10 | 12 | 40 | 30.0 | 33.3% |
| 6/3/2022 12:00:00 PM | 27.5 | 24 | 28 | 30 | 27.5 | 28.6% |
| 6/3/2022 1:00:00 PM | 27.5 | 20 | 24 | 35 | 29.2 | 25.0% |
| 6/3/2022 2:00:00 PM | 28.0 | 12 | 14 | 30 | 27.5 | 35.7% |
| 6/3/2022 3:00:00 PM | 25.0 | 14 | 17 | 40 | 30.8 | 17.6% |

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|----------------------|------|----|----|----|------|-------|
| 6/3/2022 4:00:00 PM | 28.1 | 23 | 27 | 35 | 28.1 | 33.3% |
| 6/3/2022 5:00:00 PM | 27.5 | 28 | 33 | 45 | 30.0 | 24.2% |
| 6/3/2022 6:00:00 PM | 27.0 | 19 | 22 | 30 | 27.5 | 22.7% |
| 6/3/2022 7:00:00 PM | 24.1 | 21 | 25 | 30 | 27.5 | 4.0% |
| 6/3/2022 8:00:00 PM | 24.6 | 18 | 21 | 30 | 27.5 | 9.5% |
| 6/3/2022 9:00:00 PM | 25.0 | 15 | 18 | 35 | 29.2 | 16.7% |
| 6/3/2022 10:00:00 PM | 25.0 | 28 | 33 | 35 | 28.5 | 15.2% |
| 6/3/2022 11:00:00 PM | 25.0 | 15 | 18 | 30 | 27.5 | 16.7% |
| 6/4/2022 12:00:00 AM | 28.3 | 4 | 5 | 30 | 27.5 | 60.0% |
| 6/4/2022 1:00:00 AM | 22.5 | 3 | 4 | 25 | NaN | 0.0% |
| 6/4/2022 2:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/4/2022 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/4/2022 4:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/4/2022 5:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 6/4/2022 6:00:00 AM | 30.0 | 4 | 5 | 35 | 30.0 | 40.0% |
| 6/4/2022 7:00:00 AM | 30.0 | 5 | 6 | 35 | 30.0 | 33.3% |
| 6/4/2022 8:00:00 AM | 26.7 | 14 | 16 | 30 | 27.5 | 18.8% |
| 6/4/2022 9:00:00 AM | 24.2 | 7 | 8 | 25 | NaN | 0.0% |
| 6/4/2022 10:00:00 AM | 24.5 | 12 | 14 | 45 | 42.5 | 7.1% |
| 6/4/2022 11:00:00 AM | 24.4 | 13 | 15 | 30 | 27.5 | 6.7% |
| 6/4/2022 12:00:00 PM | 27.5 | 17 | 20 | 40 | 31.3 | 20.0% |
| 6/4/2022 1:00:00 PM | 24.3 | 15 | 18 | 30 | 27.5 | 5.6% |
| 6/4/2022 2:00:00 PM | 27.5 | 19 | 22 | 30 | 27.5 | 27.3% |
| 6/4/2022 3:00:00 PM | 28.8 | 19 | 22 | 35 | 28.1 | 40.9% |
| 6/4/2022 4:00:00 PM | 26.7 | 20 | 23 | 75 | 38.8 | 17.4% |
| 6/4/2022 5:00:00 PM | 27.9 | 20 | 23 | 30 | 27.5 | 30.4% |
| 6/4/2022 6:00:00 PM | 25.0 | 21 | 25 | 35 | 28.8 | 16.0% |
| 6/4/2022 7:00:00 PM | 25.8 | 26 | 31 | 30 | 27.5 | 19.4% |
| 6/4/2022 8:00:00 PM | 27.5 | 16 | 19 | 35 | 28.5 | 26.3% |
| 6/4/2022 9:00:00 PM | 29.1 | 27 | 32 | 55 | 30.0 | 43.8% |
| 6/4/2022 10:00:00 PM | 27.0 | 20 | 23 | 30 | 27.5 | 21.7% |
| 6/4/2022 11:00:00 PM | 28.3 | 13 | 15 | 35 | 28.8 | 26.7% |
| 6/5/2022 12:00:00 AM | 27.5 | 8 | 10 | 35 | 29.2 | 30.0% |
| 6/5/2022 1:00:00 AM | 25.0 | 9 | 11 | 30 | 27.5 | 18.2% |

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|----------------------|------|----|----|----|------|--------|
| 6/5/2022 2:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/5/2022 3:00:00 AM | 25.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 6/5/2022 4:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/5/2022 5:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 6/5/2022 6:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/5/2022 7:00:00 AM | 35.0 | 2 | 2 | 35 | 30.0 | 100.0% |
| 6/5/2022 8:00:00 AM | 25.0 | 6 | 7 | 30 | 27.5 | 14.3% |
| 6/5/2022 9:00:00 AM | 20.0 | 5 | 6 | 25 | NaN | 0.0% |
| 6/5/2022 10:00:00 AM | 28.0 | 13 | 15 | 30 | 27.5 | 33.3% |
| 6/5/2022 11:00:00 AM | 24.4 | 14 | 17 | 30 | 27.5 | 11.8% |
| 6/5/2022 12:00:00 PM | 29.2 | 15 | 18 | 35 | 28.8 | 44.4% |
| 6/5/2022 1:00:00 PM | 26.7 | 14 | 16 | 30 | 27.5 | 18.8% |
| 6/5/2022 2:00:00 PM | 27.5 | 23 | 27 | 35 | 29.2 | 22.2% |
| 6/5/2022 3:00:00 PM | 25.0 | 25 | 29 | 30 | 27.5 | 13.8% |
| 6/5/2022 4:00:00 PM | 28.0 | 18 | 21 | 35 | 28.3 | 28.6% |
| 6/5/2022 5:00:00 PM | 26.7 | 13 | 15 | 30 | 27.5 | 20.0% |
| 6/5/2022 6:00:00 PM | 25.0 | 23 | 27 | 30 | 27.5 | 14.8% |
| 6/5/2022 7:00:00 PM | 27.5 | 26 | 30 | 30 | 27.5 | 26.7% |
| 6/5/2022 8:00:00 PM | 31.7 | 14 | 16 | 35 | 31.3 | 25.0% |
| 6/5/2022 9:00:00 PM | 26.3 | 20 | 23 | 30 | 27.5 | 17.4% |
| 6/5/2022 10:00:00 PM | 25.0 | 13 | 15 | 30 | 27.5 | 13.3% |
| 6/5/2022 11:00:00 PM | 24.4 | 10 | 12 | 30 | 27.5 | 8.3% |
| 6/6/2022 12:00:00 AM | 30.0 | 4 | 5 | 35 | 30.0 | 40.0% |
| 6/6/2022 1:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/6/2022 2:00:00 AM | 25.0 | 3 | 4 | 30 | 27.5 | 25.0% |
| 6/6/2022 3:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 100.0% |
| 6/6/2022 4:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 6/6/2022 5:00:00 AM | 25.0 | 3 | 4 | 30 | 27.5 | 25.0% |
| 6/6/2022 6:00:00 AM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |
| 6/6/2022 7:00:00 AM | 28.3 | 9 | 11 | 35 | 28.8 | 36.4% |
| 6/6/2022 8:00:00 AM | 28.3 | 8 | 10 | 45 | 31.3 | 40.0% |
| 6/6/2022 9:00:00 AM | 27.5 | 18 | 21 | 35 | 28.5 | 23.8% |
| 6/6/2022 10:00:00 AM | 30.0 | 8 | 9 | 50 | 37.5 | 22.2% |
| 6/6/2022 11:00:00 AM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |

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|----------------------|------|----|----|----|------|--------|
| 6/6/2022 12:00:00 PM | 30.0 | 10 | 12 | 35 | 30.0 | 33.3% |
| 6/6/2022 1:00:00 PM | 26.7 | 17 | 20 | 35 | 28.8 | 20.0% |
| 6/6/2022 2:00:00 PM | 26.3 | 15 | 18 | 30 | 27.5 | 22.2% |
| 6/6/2022 3:00:00 PM | 27.5 | 17 | 20 | 35 | 28.5 | 25.0% |
| 6/6/2022 4:00:00 PM | 26.3 | 20 | 24 | 35 | 28.5 | 20.8% |
| 6/6/2022 5:00:00 PM | 25.0 | 12 | 14 | 35 | 30.0 | 14.3% |
| 6/6/2022 6:00:00 PM | 26.0 | 21 | 25 | 30 | 27.5 | 20.0% |
| 6/6/2022 7:00:00 PM | 30.0 | 13 | 15 | 40 | 32.5 | 20.0% |
| 6/6/2022 8:00:00 PM | 25.0 | 11 | 13 | 30 | 27.5 | 15.4% |
| 6/6/2022 9:00:00 PM | 30.0 | 9 | 11 | 40 | 30.5 | 45.5% |
| 6/6/2022 10:00:00 PM | 25.0 | 4 | 5 | 30 | 27.5 | 20.0% |
| 6/6/2022 11:00:00 PM | 24.2 | 8 | 9 | 25 | NaN | 0.0% |
| 6/7/2022 12:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/7/2022 1:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/7/2022 2:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 6/7/2022 3:00:00 AM | 30.0 | 1 | 1 | 30 | 27.5 | 100.0% |
| 6/7/2022 4:00:00 AM | 25.0 | 1 | 1 | 25 | NaN | 0.0% |
| 6/7/2022 5:00:00 AM | 30.0 | 2 | 2 | 30 | 27.5 | 50.0% |
| 6/7/2022 6:00:00 AM | 30.0 | 7 | 8 | 35 | 28.8 | 50.0% |
| 6/7/2022 7:00:00 AM | 30.0 | 6 | 7 | 35 | 28.5 | 71.4% |
| 6/7/2022 8:00:00 AM | 26.7 | 10 | 12 | 30 | 27.5 | 25.0% |
| 6/7/2022 9:00:00 AM | 32.5 | 10 | 12 | 55 | 36.3 | 33.3% |
| 6/7/2022 10:00:00 AM | 24.2 | 11 | 13 | 75 | 72.5 | 7.7% |
| 6/7/2022 11:00:00 AM | 24.0 | 7 | 8 | 25 | NaN | 0.0% |
| 6/7/2022 12:00:00 PM | 26.0 | 20 | 24 | 30 | 27.5 | 20.8% |
| 6/7/2022 1:00:00 PM | 26.3 | 15 | 18 | 30 | 27.5 | 22.2% |
| 6/7/2022 2:00:00 PM | 27.5 | 7 | 8 | 30 | 27.5 | 25.0% |
| 6/7/2022 3:00:00 PM | 25.0 | 11 | 13 | 30 | 27.5 | 15.4% |
| 6/7/2022 4:00:00 PM | 28.3 | 12 | 14 | 35 | 28.8 | 28.6% |
| 6/7/2022 5:00:00 PM | 29.0 | 14 | 16 | 35 | 28.3 | 37.5% |
| 6/7/2022 6:00:00 PM | 25.0 | 16 | 19 | 35 | 30.8 | 15.8% |
| 6/7/2022 7:00:00 PM | 28.8 | 16 | 19 | 35 | 28.1 | 47.4% |
| 6/7/2022 8:00:00 PM | 30.0 | 11 | 13 | 40 | 30.5 | 38.5% |
| 6/7/2022 9:00:00 PM | 24.7 | 17 | 20 | 35 | 30.0 | 10.0% |

| | | | | | | |
|----------------------|------|----|----|----|------|--------|
| 6/7/2022 10:00:00 PM | 23.3 | 8 | 10 | 25 | NaN | 0.0% |
| 6/7/2022 11:00:00 PM | 23.8 | 3 | 4 | 25 | NaN | 0.0% |
| 6/8/2022 12:00:00 AM | 24.0 | 4 | 5 | 25 | NaN | 0.0% |
| 6/8/2022 1:00:00 AM | 35.0 | 3 | 4 | 40 | 35.0 | 50.0% |
| 6/8/2022 2:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/8/2022 3:00:00 AM | 35.0 | 1 | 1 | 35 | 32.5 | 100.0% |
| 6/8/2022 4:00:00 AM | 20.0 | 1 | 1 | 20 | NaN | 0.0% |
| 6/8/2022 5:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/8/2022 6:00:00 AM | 27.5 | 4 | 5 | 30 | 27.5 | 40.0% |
| 6/8/2022 7:00:00 AM | 30.0 | 4 | 5 | 35 | 29.2 | 60.0% |
| 6/8/2022 8:00:00 AM | 28.3 | 13 | 15 | 35 | 28.8 | 26.7% |
| 6/8/2022 9:00:00 AM | 30.0 | 10 | 12 | 50 | 32.5 | 41.7% |
| 6/8/2022 10:00:00 AM | 30.0 | 5 | 6 | 55 | 35.8 | 50.0% |
| 6/8/2022 11:00:00 AM | 30.0 | 8 | 9 | 35 | 29.2 | 33.3% |
| 6/8/2022 12:00:00 PM | 28.8 | 9 | 11 | 35 | 28.5 | 45.5% |
| 6/8/2022 1:00:00 PM | 25.0 | 10 | 12 | 30 | 27.5 | 16.7% |
| 6/8/2022 2:00:00 PM | 28.3 | 14 | 16 | 60 | 35.0 | 25.0% |
| 6/8/2022 3:00:00 PM | 27.5 | 14 | 17 | 35 | 28.5 | 29.4% |
| 6/8/2022 4:00:00 PM | 28.6 | 16 | 19 | 35 | 28.1 | 42.1% |
| 6/8/2022 5:00:00 PM | 26.7 | 11 | 13 | 30 | 27.5 | 23.1% |
| 6/8/2022 6:00:00 PM | 26.7 | 13 | 15 | 30 | 27.5 | 20.0% |
| 6/8/2022 7:00:00 PM | 29.3 | 9 | 11 | 35 | 28.1 | 72.7% |
| 6/8/2022 8:00:00 PM | 25.0 | 7 | 8 | 30 | 27.5 | 12.5% |
| 6/8/2022 9:00:00 PM | 26.7 | 10 | 12 | 30 | 27.5 | 25.0% |
| 6/8/2022 10:00:00 PM | 25.0 | 4 | 5 | 35 | 32.5 | 20.0% |
| 6/8/2022 11:00:00 PM | 27.5 | 4 | 5 | 30 | 27.5 | 40.0% |
| 6/9/2022 12:00:00 AM | 30.0 | 4 | 5 | 35 | 30.0 | 40.0% |
| 6/9/2022 1:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/9/2022 2:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/9/2022 3:00:00 AM | 0.0 | 0 | 0 | 0 | NaN | NaN |
| 6/9/2022 4:00:00 AM | 25.0 | 2 | 2 | 25 | NaN | 0.0% |
| 6/9/2022 5:00:00 AM | 20.0 | 3 | 3 | 20 | NaN | 0.0% |
| 6/9/2022 6:00:00 AM | 27.5 | 3 | 4 | 30 | 27.5 | 50.0% |
| 6/9/2022 7:00:00 AM | 20.0 | 1 | 1 | 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 |
|-------------------------|-----------------------|-------------------------|--------------|------------------|--------------------|-------------------|
| 6/3/2022 12:00:00 AM | 27.0 | 278 | 327 | 35 | 28.2 | 23.2% |
| 6/4/2022 12:00:00 AM | 27.0 | 312 | 367 | 65 | 28.9 | 22.3% |
| 6/5/2022 12:00:00 AM | 27.1 | 300 | 353 | 75 | 29.3 | 23.2% |
| 6/6/2022 12:00:00 AM | 26.7 | 274 | 322 | 35 | 28.2 | 21.1% |
| 6/7/2022 12:00:00 AM | 27.3 | 226 | 266 | 50 | 29.2 | 23.7% |
| 6/8/2022 12:00:00 AM | 27.6 | 212 | 249 | 75 | 29.7 | 24.9% |
| 6/9/2022 12:00:00 AM | 28.6 | 178 | 209 | 60 | 29.6 | 33.5% |
| 6/9/2022 6:05:00 AM | 25.0 | 8 | 10 | 30 | 27.5 | 20.0% |