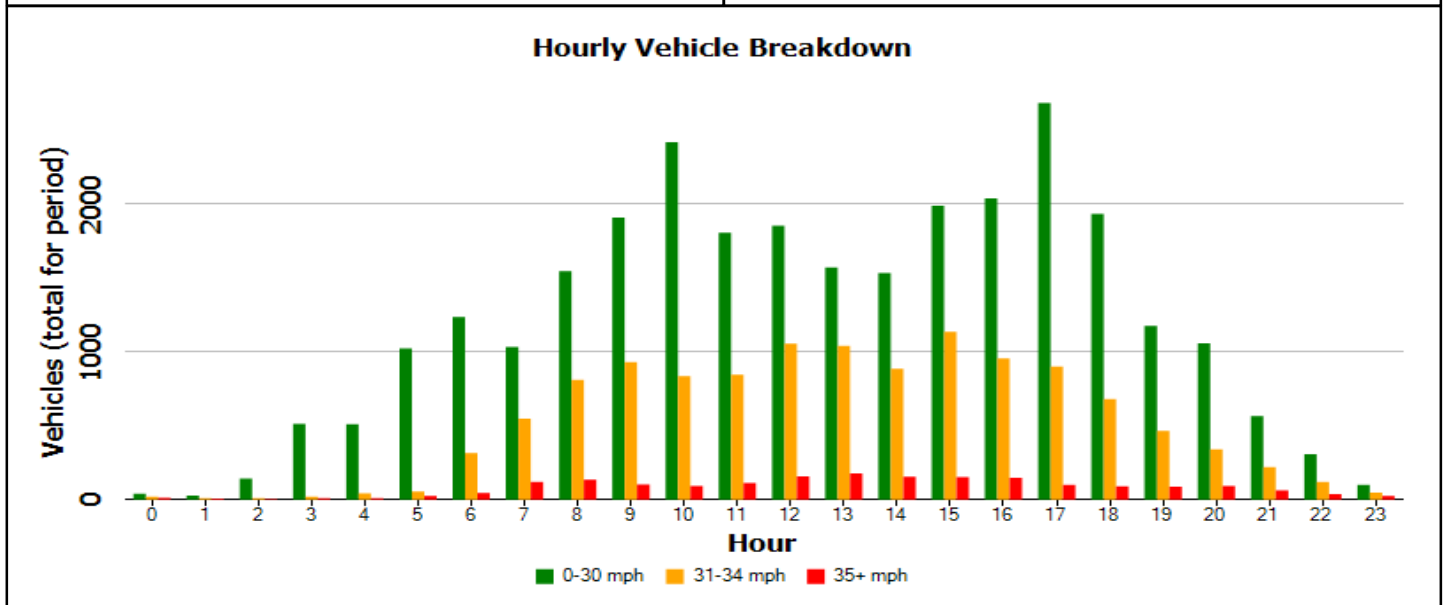


# Haverhill - Vehicle Speed Analysis

## Bergamot Road (Northbound)

27 Oct 2019 18:50 to 18 Nov 2019 10:30

| Speeding Summary                                                         |          |       | Speed Breakdown |          |       |
|--------------------------------------------------------------------------|----------|-------|-----------------|----------|-------|
| Speed (MPH)                                                              | Vehicles | %age  | Speed (MPH)     | Vehicles | %age  |
| 0-30                                                                     | 28,982   | 67.1% | 0-20            | 5,273    | 12.2% |
| 31-34                                                                    | 12,259   | 28.4% | 21-25           | 4,468    | 10.3% |
| 35-49                                                                    | 1,937    | 4.5%  | 26-30           | 19,241   | 44.6% |
| 50+                                                                      | 3        | 0.0%  | 31-34           | 12,259   | 28.4% |
| Total: 43,181                                                            |          |       | 36-40           | 1,734    | 4.0%  |
| Max Speed: 56 MPH                                                        |          |       | 41-45           | 185      | 0.4%  |
| 85%: 34.07 MPH                                                           |          |       | 46-50           | 18       | 0.0%  |
| Locations where 85% value >34mph<br>are candidate for police enforcement |          |       | 51-60           | 3        | 0.0%  |
|                                                                          |          |       | Total: 43,181   |          |       |



| Weekday Hours (Number Of Vehicles) |     |     |     |     |     |      |      |     |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------------|-----|-----|-----|-----|-----|------|------|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MPH                                | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6  | 6-7  | 7-8 | 8-9  | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 |
| 50+                                |     | 1   |     |     |     |      |      |     |      |      |       |       |       |       |       |       |       |       |       |       |       | 1     | 1     |
| 35-49                              | 6   | 3   | 4   | 4   | 5   | 20   | 37   | 103 | 103  | 72   | 52    | 69    | 114   | 140   | 95    | 103   | 118   | 72    | 66    | 59    | 70    | 44    | 24    |
| 31-34                              | 14  | 6   | 3   | 17  | 30  | 45   | 286  | 480 | 673  | 717  | 532   | 504   | 660   | 664   | 580   | 848   | 771   | 749   | 530   | 359   | 260   | 169   | 92    |
| 0-30                               | 22  | 11  | 131 | 500 | 501 | 1009 | 1209 | 915 | 1347 | 1549 | 1262  | 1072  | 1260  | 1088  | 1102  | 1558  | 1679  | 2301  | 1556  | 929   | 587   | 375   | 185   |

| Weekend Hours (Number Of Vehicles) |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| MPH                                | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 |
| 50+                                |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 35-49                              | 6   | 3   |     | 4   | 5   | 3   | 6   | 15  | 32  | 30   | 40    | 43    | 43    | 36    | 60    | 49    | 28    | 26    | 24    | 27    | 21    | 17    | 12    |
| 31-34                              | 6   | 3   | 5   | 3   | 11  | 8   | 29  | 67  | 136 | 211  | 302   | 341   | 395   | 376   | 303   | 286   | 183   | 149   | 148   | 105   | 80    | 49    | 27    |
| 0-30                               | 17  | 16  | 11  | 12  | 8   | 12  | 24  | 117 | 198 | 358  | 1155  | 733   | 593   | 482   | 429   | 429   | 358   | 380   | 375   | 245   | 470   | 190   | 122   |

# Haverhill - Vehicle Speed Analysis

## Bergamot Road (Northbound)

27 Oct 2019 18:50 to 18 Nov 2019 10:30

### 85% Speeds By Hour By Day

| Date       | 0-1  | 1-2  | 2-3  | 3-4  | 4-5  | 5-6  | 6-7  | 7-8  | 8-9  | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
|------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Sun 27 Oct |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       | 29.5  | 32.7  | 32.7  | 32.2  | 33.1  | 35.6  |
| Mon 28 Oct | 30.7 |      |      | 33.5 | 33.8 | 33.3 | 32.9 | 33.3 | 32.7 | 31.5 | 32.3  | 32.7  | 33.1  | 33.4  | 33.1  | 33.1  | 32.9  | 30.8  | 32.0  | 32.6  | 33.7  | 32.2  | 33.4  | 37.5  |
| Tue 29 Oct |      | 33.5 |      | 33.5 | 31.3 | 33.8 | 33.6 | 33.7 | 32.8 | 32.9 | 32.2  | 32.3  | 33.9  | 33.1  | 32.7  | 33.2  | 32.6  | 31.9  | 31.9  | 31.9  | 31.7  | 32.8  | 34.2  | 38.1  |
| Wed 30 Oct | 32.5 |      |      | 33.5 | 31.0 | 34.6 | 32.6 | 33.8 | 32.9 | 33.0 | 32.8  | 32.9  | 32.9  | 34.2  | 33.6  | 32.8  | 32.4  | 32.0  | 31.0  | 31.9  | 33.4  | 33.7  | 33.7  | 38.4  |
| Thu 31 Oct | 27.5 |      |      | 33.5 | 33.0 | 33.7 | 32.9 | 33.0 | 32.6 | 31.9 | 30.7  | 32.8  | 33.1  | 33.3  | 32.7  | 32.6  | 33.5  | 31.3  | 31.3  | 31.5  | 32.6  | 32.4  | 35.4  | 32.9  |
| Fri 01 Nov | 37.9 |      | 30.3 | 38.3 | 31.4 | 33.8 | 34.1 | 34.2 | 32.9 | 32.8 | 31.9  | 31.6  | 31.7  | 34.3  | 33.0  | 32.5  | 32.7  | 32.0  | 32.3  | 33.1  | 33.9  | 32.3  | 34.3  | 30.9  |
| Sat 02 Nov | 36.2 | 31.3 | 17.1 | 33.7 | 33.7 | 34.0 | 35.0 | 35.1 | 34.4 | 33.6 | 21.6  | 32.2  | 33.6  | 33.1  | 33.5  | 32.7  | 33.8  | 33.7  | 30.3  | 34.9  | 18.9  | 21.1  | 24.8  | 33.6  |
| Sun 03 Nov | 38.0 | 36.1 |      | 37.5 | 37.9 | 28.5 | 33.7 | 33.1 | 35.8 | 33.7 | 32.6  | 32.9  | 33.3  | 33.8  | 34.0  | 35.1  | 33.8  | 33.4  | 33.4  | 34.0  | 33.8  | 30.8  | 30.6  |       |
| Mon 04 Nov | 7.5  | 32.1 | 37.5 | 31.3 | 12.7 | 35.2 | 33.4 | 33.4 | 32.7 | 32.3 | 32.4  | 33.1  | 34.1  | 33.9  | 33.1  | 32.4  | 32.9  | 32.1  | 32.2  | 32.2  | 32.5  | 34.9  | 31.8  | 35.7  |
| Tue 05 Nov |      |      | 27.5 | 32.9 | 38.4 | 34.6 | 31.0 | 33.4 | 32.8 | 32.4 | 32.2  | 33.2  | 33.2  | 33.1  | 34.2  | 33.4  | 32.6  | 31.0  | 31.8  | 32.1  | 33.6  | 32.6  | 32.0  | 36.9  |
| Wed 06 Nov | 32.1 |      |      | 35.0 | 32.3 | 31.7 | 32.9 | 34.6 | 32.7 | 32.8 | 33.3  | 32.6  | 34.6  | 33.6  | 32.9  | 32.9  | 33.2  | 32.0  | 32.5  | 33.0  | 34.9  | 35.4  | 32.8  | 38.6  |
| Thu 07 Nov | 33.5 | 40.0 |      | 10.5 | 32.1 | 12.4 | 27.2 | 33.4 | 31.9 | 32.7 | 31.8  | 32.1  | 33.7  | 34.0  | 33.7  | 33.7  | 32.6  | 31.9  | 32.7  | 32.8  | 31.0  | 33.0  | 34.1  | 37.5  |
| Fri 08 Nov | 31.3 | 28.5 | 27.1 | 30.7 | 36.1 | 33.0 | 32.3 | 33.7 | 33.7 | 32.2 | 32.7  | 32.1  | 33.8  | 33.3  | 32.1  | 32.2  | 32.4  | 32.3  | 32.0  | 32.0  | 34.1  | 34.3  | 32.4  | 35.7  |
| Sat 09 Nov | 38.9 | 36.0 | 32.5 | 39.6 | 31.6 | 32.9 | 34.6 | 31.8 | 32.1 | 32.7 | 33.4  | 33.2  | 33.4  | 33.4  | 33.4  | 33.4  | 32.6  | 31.9  | 32.5  | 33.0  | 32.9  | 34.7  | 37.4  | 35.7  |
| Sun 10 Nov | 36.0 | 27.5 |      | 35.0 | 36.0 |      | 34.0 | 33.3 | 34.2 | 34.2 | 33.5  | 33.4  | 32.4  | 32.7  | 34.9  | 34.5  | 34.6  | 33.7  | 34.1  | 33.2  | 35.5  | 34.4  | 33.0  |       |
| Mon 11 Nov | 44.6 |      | 9.7  | 11.0 | 10.3 | 11.6 | 15.9 | 31.5 | 32.6 | 33.1 | 33.9  | 34.3  | 34.2  | 32.9  | 33.2  | 34.1  | 33.0  | 34.3  | 32.2  | 32.0  | 33.4  | 33.4  | 35.0  | 32.7  |
| Tue 12 Nov | 38.5 |      |      |      | 32.7 | 32.7 | 33.6 | 33.6 | 33.4 | 32.9 | 32.6  | 33.0  | 24.4  | 34.1  | 32.8  | 32.7  | 32.4  | 31.9  | 32.0  | 33.4  | 34.1  | 32.9  | 33.6  | 27.5  |
| Wed 13 Nov | 32.1 |      |      | 36.3 | 31.3 | 32.6 | 33.2 | 33.1 | 33.7 | 33.3 | 33.4  | 33.2  | 33.9  | 34.9  | 33.8  | 32.6  | 32.1  | 31.2  | 33.2  | 33.7  | 32.5  | 34.2  | 34.4  | 41.1  |
| Thu 14 Nov |      | 33.5 | 37.5 | 30.7 | 20.6 | 32.3 | 31.4 | 33.8 | 29.0 | 25.1 | 32.3  | 32.1  | 32.6  | 32.5  | 33.2  | 32.6  | 32.4  | 31.8  | 32.5  | 31.0  | 34.0  | 33.0  | 37.8  | 35.1  |
| Fri 15 Nov | 32.5 |      |      | 37.5 | 32.7 | 35.0 | 32.2 | 32.4 | 32.9 | 33.1 | 31.9  | 32.1  | 33.2  | 34.2  | 32.8  | 31.8  | 31.7  | 31.4  | 32.1  | 33.2  | 32.8  | 33.6  | 34.0  | 32.6  |
| Sat 16 Nov | 50.6 | 41.7 |      | 27.5 | 41.5 | 36.6 | 35.1 | 33.9 | 34.1 | 33.0 | 32.6  | 32.0  | 33.6  | 33.3  | 33.1  | 33.2  | 31.9  | 32.1  | 33.3  | 33.5  | 34.4  | 37.1  | 33.8  | 37.4  |
| Sun 17 Nov | 30.7 | 32.1 | 32.1 | 36.6 | 32.9 | 35.0 | 36.0 | 32.0 | 35.1 | 34.0 | 33.0  | 33.3  | 33.4  | 33.7  | 34.2  | 34.0  | 33.3  | 33.0  | 33.6  | 33.7  | 35.0  | 34.7  | 32.2  | 36.8  |
| Mon 18 Nov |      |      | 28.5 | 27.5 | 33.2 | 33.6 | 34.0 | 33.5 | 33.8 | 32.4 | 32.3  |       |       |       |       |       |       |       |       |       |       |       |       |       |

# **Haverhill - Vehicle Speed Analysis**

**Bergamot Road (Northbound)**

**27 Oct 2019 18:50 to 18 Nov 2019 10:30**

|  |                                                  |
|--|--------------------------------------------------|
|  | <b>No vehicles detected.</b>                     |
|  | <b>No enforcement applicable.</b>                |
|  | <b>5mph or less over 85% enforceable speed.</b>  |
|  | <b>5 to 10mph over 85% enforceable speed.</b>    |
|  | <b>10mph or more over 85% enforceable speed.</b> |

# Haverhill - Vehicle Speed Analysis

## Bergamot Road (Northbound)

### 27 Oct 2019 18:50 to 18 Nov 2019 10:30

| Vehicle Count By Hour By Day |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Date                         | 0-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 |
| Sun 27 Oct                   |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       | 7     | 37    | 31    | 18    | 10    | 2     |
| Mon 28 Oct                   | 5   | 0   | 1   | 4   | 8   | 14  | 50  | 106 | 142 | 167  | 147   | 147   | 144   | 135   | 118   | 187   | 179   | 237   | 153   | 86    | 53    | 36    | 21    | 3     |
| Tue 29 Oct                   | 1   | 2   | 0   | 2   | 4   | 13  | 60  | 87  | 136 | 155  | 106   | 96    | 120   | 145   | 133   | 162   | 191   | 213   | 146   | 76    | 64    | 32    | 21    | 5     |
| Wed 30 Oct                   | 3   | 1   | 0   | 2   | 5   | 13  | 69  | 112 | 130 | 134  | 108   | 116   | 122   | 141   | 107   | 166   | 183   | 254   | 171   | 102   | 67    | 42    | 29    | 6     |
| Thu 31 Oct                   | 3   | 1   | 1   | 2   | 6   | 10  | 55  | 97  | 135 | 130  | 146   | 101   | 125   | 146   | 122   | 148   | 185   | 210   | 142   | 128   | 70    | 34    | 18    | 4     |
| Fri 01 Nov                   | 7   | 1   | 3   | 8   | 13  | 13  | 55  | 93  | 158 | 156  | 144   | 126   | 115   | 141   | 135   | 206   | 182   | 225   | 189   | 86    | 80    | 64    | 24    | 20    |
| Sat 02 Nov                   | 5   | 4   | 8   | 3   | 3   | 5   | 12  | 48  | 95  | 141  | 711   | 240   | 186   | 153   | 127   | 182   | 132   | 137   | 203   | 59    | 356   | 122   | 65    | 23    |
| Sun 03 Nov                   | 5   | 6   | 1   | 3   | 4   | 3   | 3   | 21  | 30  | 65   | 163   | 149   | 180   | 144   | 119   | 92    | 56    | 61    | 43    | 44    | 28    | 20    | 12    | 1     |
| Mon 04 Nov                   | 2   | 3   | 3   | 4   | 126 | 10  | 49  | 75  | 142 | 138  | 129   | 100   | 105   | 116   | 114   | 162   | 160   | 197   | 124   | 88    | 58    | 32    | 18    | 5     |
| Tue 05 Nov                   | 1   | 1   | 2   | 4   | 7   | 8   | 61  | 78  | 108 | 117  | 128   | 85    | 94    | 132   | 102   | 168   | 159   | 212   | 152   | 88    | 56    | 43    | 17    | 6     |
| Wed 06 Nov                   | 3   | 0   | 0   | 4   | 7   | 14  | 58  | 85  | 125 | 115  | 97    | 100   | 112   | 94    | 108   | 132   | 141   | 180   | 109   | 87    | 58    | 44    | 20    | 5     |
| Thu 07 Nov                   | 2   | 4   | 0   | 193 | 3   | 347 | 153 | 101 | 128 | 119  | 111   | 93    | 103   | 116   | 115   | 171   | 166   | 222   | 132   | 86    | 67    | 49    | 15    | 5     |
| Fri 08 Nov                   | 4   | 3   | 3   | 5   | 5   | 10  | 39  | 90  | 117 | 135  | 118   | 132   | 127   | 136   | 151   | 192   | 192   | 189   | 160   | 87    | 63    | 38    | 20    | 12    |
| Sat 09 Nov                   | 7   | 4   | 2   | 2   | 4   | 4   | 21  | 39  | 79  | 142  | 131   | 159   | 157   | 145   | 163   | 131   | 118   | 111   | 102   | 82    | 49    | 37    | 19    | 13    |
| Sun 10 Nov                   | 4   | 2   | 1   | 5   | 5   | 0   | 5   | 27  | 38  | 64   | 176   | 218   | 197   | 149   | 120   | 108   | 83    | 58    | 51    | 37    | 32    | 15    | 15    | 1     |
| Mon 11 Nov                   | 2   | 1   | 120 | 274 | 301 | 556 | 590 | 158 | 107 | 136  | 110   | 103   | 128   | 120   | 105   | 129   | 163   | 191   | 125   | 93    | 45    | 34    | 11    | 8     |
| Tue 12 Nov                   | 2   | 0   | 1   | 1   | 7   | 14  | 59  | 81  | 109 | 139  | 93    | 113   | 316   | 109   | 115   | 170   | 149   | 214   | 155   | 76    | 62    | 38    | 15    | 2     |
| Wed 13 Nov                   | 3   | 1   | 0   | 4   | 4   | 10  | 54  | 71  | 130 | 117  | 103   | 88    | 136   | 117   | 110   | 171   | 156   | 192   | 134   | 83    | 66    | 37    | 25    | 9     |
| Thu 14 Nov                   | 1   | 2   | 2   | 6   | 26  | 15  | 79  | 81  | 210 | 293  | 110   | 114   | 138   | 117   | 115   | 155   | 161   | 204   | 128   | 86    | 58    | 37    | 24    | 10    |
| Fri 15 Nov                   | 2   | 1   | 0   | 6   | 9   | 12  | 53  | 91  | 129 | 166  | 136   | 131   | 149   | 127   | 127   | 190   | 201   | 182   | 132   | 95    | 50    | 28    | 24    | 18    |
| Sat 16 Nov                   | 2   | 3   | 1   | 3   | 4   | 7   | 13  | 47  | 99  | 117  | 166   | 191   | 156   | 152   | 140   | 116   | 139   | 122   | 98    | 76    | 46    | 29    | 30    | 11    |
| Sun 17 Nov                   | 6   | 3   | 3   | 3   | 4   | 4   | 5   | 17  | 25  | 70   | 150   | 160   | 155   | 151   | 123   | 135   | 41    | 66    | 43    | 42    | 29    | 15    | 10    | 3     |
| Mon 18 Nov                   | 1   | 0   | 2   | 2   | 5   | 15  | 48  | 92  | 117 | 121  | 60    |       |       |       |       |       |       |       |       |       |       |       |       |       |

# Haverhill - Vehicle Speed Analysis

## Bergamot Road (Northbound)

**27 Oct 2019 18:50 to 18 Nov 2019 10:30**

| Average Vehicle Count By Hour By WeekDay/Weekend/Overall |   |   |   |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |   |
|----------------------------------------------------------|---|---|---|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|---|
| WDay                                                     | 3 | 1 | 9 | 33 | 34 | 67 | 96 | 94 | 133 | 146 | 119 | 110 | 136 | 126 | 118 | 167 | 171 | 208 | 143 | 90 | 61 | 39 | 20 | 8 |
| WEnd                                                     | 5 | 4 | 3 | 3  | 4  | 4  | 10 | 33 | 61  | 100 | 250 | 186 | 172 | 149 | 132 | 127 | 95  | 93  | 89  | 54 | 82 | 37 | 23 | 8 |
| OAll                                                     | 3 | 2 | 7 | 25 | 25 | 50 | 72 | 77 | 113 | 134 | 155 | 132 | 146 | 133 | 122 | 156 | 149 | 175 | 128 | 78 | 68 | 38 | 21 | 8 |