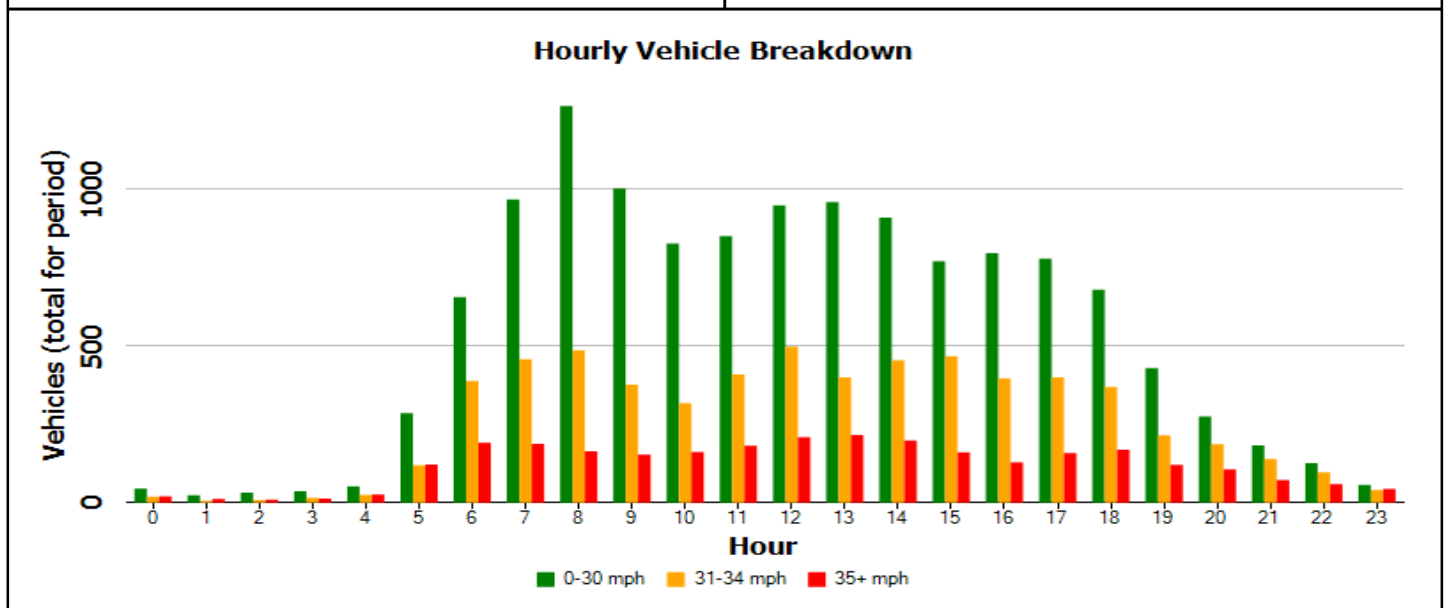


# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Southbound)

26 Nov 2017 19:35 to 03 Dec 2017 15:05

| Speeding Summary                                                         |                  |       | Speed Breakdown |               |       |
|--------------------------------------------------------------------------|------------------|-------|-----------------|---------------|-------|
| Speed (MPH)                                                              | Vehicles         | %age  | Speed (MPH)     | Vehicles      | %age  |
| 0-30                                                                     | 12,968           | 58.6% | 0-20            | 2,420         | 10.9% |
| 31-34                                                                    | 6,290            | 28.4% | 21-25           | 2,857         | 12.9% |
| 35-49                                                                    | 2,820            | 12.7% | 26-30           | 7,691         | 34.7% |
| 50+                                                                      | 55               | 0.2%  | 31-34           | 6,290         | 28.4% |
| <b>Total:</b>                                                            | <b>22,133</b>    |       | 36-40           | 2,148         | 9.7%  |
| <b>Max Speed:</b>                                                        | <b>76</b> MPH    |       | 41-45           | 535           | 2.4%  |
| <b>85%:</b>                                                              | <b>35.61</b> MPH |       | 46-50           | 137           | 0.6%  |
| Locations where 85% value >34mph<br>are candidate for police enforcement |                  |       | 51-60           | 51            | 0.2%  |
|                                                                          |                  |       | 61-70           | 3             | 0.0%  |
|                                                                          |                  |       | 71+             | 1             | 0.0%  |
|                                                                          |                  |       | <b>Total:</b>   | <b>22,133</b> |       |



| 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 | 23-24 |
| 50+                                |     | 2   |     |     | 1   | 7   | 1   | 1   | 1    |      |       | 1     | 1     | 1     | 1     | 1     | 1     | 2     | 2     | 1     | 1     | 2     | 1     |       |
| 35-49                              | 8   | 3   | 6   | 8   | 17  | 96  | 156 | 156 | 117  | 79   | 56    | 85    | 111   | 107   | 106   | 115   | 96    | 129   | 134   | 95    | 81    | 53    | 40    | 36    |
| 31-34                              | 6   | 4   | 4   | 9   | 20  | 105 | 351 | 427 | 444  | 269  | 177   | 226   | 267   | 265   | 314   | 380   | 327   | 348   | 322   | 176   | 152   | 105   | 69    | 26    |
| 0-30                               | 32  | 13  | 26  | 30  | 42  | 272 | 615 | 909 | 1194 | 881  | 667   | 681   | 760   | 847   | 774   | 685   | 718   | 732   | 617   | 356   | 228   | 139   | 92    | 43    |
| 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 | 23-24 |
| 50+                                |     | 1   | 1   |     |     |     | 4   |     |      | 2    | 1     | 1     | 2     | 2     | 2     | 2     | 2     |       | 2     |       | 1     |       | 2     | 1     |
| 35-49                              | 12  | 5   | 2   | 4   | 8   | 18  | 30  | 30  | 46   | 72   | 105   | 94    | 95    | 106   | 89    | 42    | 29    | 28    | 31    | 23    | 23    | 18    | 15    | 5     |
| 31-34                              | 13  | 1   | 4   | 6   | 4   | 14  | 37  | 31  | 42   | 108  | 141   | 184   | 231   | 135   | 141   | 87    | 70    | 52    | 48    | 39    | 34    | 34    | 27    | 14    |
| 0-30                               | 12  | 10  | 6   | 6   | 10  | 14  | 42  | 60  | 73   | 123  | 161   | 170   | 190   | 113   | 137   | 86    | 79    | 48    | 63    | 74    | 47    | 44    | 34    | 13    |

# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Southbound)

26 Nov 2017 19:35 to 03 Dec 2017 15:05

| 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 26 Nov                |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       |       | 33.0  | 35.3  | 34.0  | 38.2  | 33.2  |
| Mon 27 Nov                | 31.4 | 32.3 | 37.5 | 37.3 | 37.9 | 36.5 | 35.0 | 32.4 | 32.8 | 32.2 | 31.5  | 31.1  | 32.4  | 30.7  | 32.0  | 32.8  | 31.8  | 33.1  | 33.0  | 32.0  | 35.5  | 34.3  | 34.7  | 41.2  |
| Tue 28 Nov                | 40.0 | 45.2 |      | 42.4 | 35.4 | 39.3 | 36.5 | 32.7 | 32.5 | 32.2 | 31.1  | 32.9  | 31.9  | 32.4  | 32.1  | 31.6  | 32.4  | 31.9  | 33.3  | 33.7  | 34.9  | 36.7  | 38.9  | 42.0  |
| Wed 29 Nov                | 40.7 | 27.1 | 35.7 | 34.4 | 46.2 | 37.2 | 35.9 | 33.3 | 33.3 | 32.1 | 32.0  | 31.6  | 33.3  | 31.8  | 33.0  | 35.1  | 35.5  | 35.8  | 36.0  | 37.3  | 36.6  | 38.0  | 38.7  | 43.5  |
| Thu 30 Nov                | 29.4 | 34.0 | 37.5 | 34.2 | 34.8 | 41.2 | 36.6 | 36.2 | 34.1 | 33.3 | 34.5  | 34.6  | 34.4  | 35.7  | 35.9  | 35.8  | 34.9  | 35.0  | 37.4  | 39.2  | 38.7  | 38.5  | 34.6  | 42.1  |
| Fri 01 Dec                | 36.0 | 49.1 | 24.6 | 27.6 | 27.1 | 29.9 | 32.7 | 38.1 | 34.2 | 34.2 | 34.6  | 37.4  | 37.0  | 36.2  | 35.5  | 35.7  | 35.1  | 35.8  | 36.6  | 36.5  | 35.9  | 37.3  | 38.5  | 37.3  |
| Sat 02 Dec                | 41.4 | 42.0 | 42.6 | 39.0 | 42.3 | 38.6 | 41.1 | 37.3 | 37.5 | 37.2 | 37.3  | 36.3  | 36.1  | 39.3  | 37.4  | 36.9  | 36.6  | 36.6  | 37.5  | 36.4  | 39.4  | 37.9  | 40.6  | 39.8  |
| Sun 03 Dec                | 38.0 | 44.8 | 34.0 | 35.4 | 38.1 | 41.1 | 39.6 | 38.1 | 40.7 | 39.0 | 38.3  | 37.3  | 37.1  | 38.9  | 38.1  |       |       |       |       |       |       |       |       |       |

|  |                                                  |
|--|--------------------------------------------------|
|  | <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

## Bumpstead Road (Southbound)

26 Nov 2017 19:35 to 03 Dec 2017 15:05

| 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 26 Nov                                               |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       | 32    | 48    | 40    | 19    | 6     |
| Mon 27 Nov                                               | 7   | 4   | 2   | 10  | 12  | 86  | 200 | 297 | 335 | 232  | 202   | 215   | 196   | 250   | 234   | 207   | 186   | 207   | 170   | 117   | 87    | 47    | 31    | 17    |
| Tue 28 Nov                                               | 9   | 5   | 1   | 5   | 13  | 83  | 195 | 293 | 330 | 242  | 205   | 202   | 230   | 227   | 220   | 230   | 226   | 227   | 215   | 120   | 83    | 50    | 34    | 11    |
| Wed 29 Nov                                               | 6   | 3   | 4   | 9   | 11  | 69  | 225 | 317 | 345 | 211  | 190   | 190   | 241   | 226   | 225   | 220   | 223   | 232   | 241   | 141   | 77    | 46    | 35    | 24    |
| Thu 30 Nov                                               | 12  | 6   | 3   | 6   | 8   | 76  | 213 | 321 | 365 | 276  | 232   | 209   | 263   | 264   | 254   | 236   | 239   | 310   | 217   | 125   | 90    | 78    | 44    | 19    |
| Fri 01 Dec                                               | 12  | 4   | 26  | 17  | 36  | 166 | 290 | 265 | 381 | 268  | 71    | 177   | 209   | 253   | 262   | 288   | 268   | 234   | 232   | 126   | 125   | 77    | 59    | 35    |
| Sat 02 Dec                                               | 16  | 13  | 8   | 6   | 12  | 31  | 66  | 92  | 130 | 192  | 243   | 267   | 326   | 199   | 205   | 217   | 180   | 128   | 144   | 104   | 57    | 56    | 59    | 27    |
| Sun 03 Dec                                               | 21  | 4   | 5   | 10  | 10  | 15  | 47  | 29  | 31  | 113  | 165   | 182   | 192   | 157   | 164   | 0     |       |       |       |       |       |       |       |       |
| Average Vehicle Count By Hour By WeekDay/Weekend/Overall |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| WDay                                                     | 9   | 4   | 7   | 9   | 16  | 96  | 225 | 299 | 351 | 246  | 180   | 199   | 228   | 244   | 239   | 236   | 228   | 242   | 215   | 126   | 92    | 60    | 41    | 21    |
| WEnd                                                     | 19  | 9   | 7   | 8   | 11  | 23  | 57  | 61  | 81  | 153  | 204   | 225   | 259   | 178   | 185   | 113   | 180   | 128   | 144   | 96    | 53    | 48    | 39    | 17    |
| OAll                                                     | 12  | 6   | 7   | 9   | 15  | 75  | 177 | 231 | 274 | 219  | 187   | 206   | 237   | 225   | 223   | 202   | 220   | 223   | 203   | 119   | 81    | 56    | 40    | 20    |