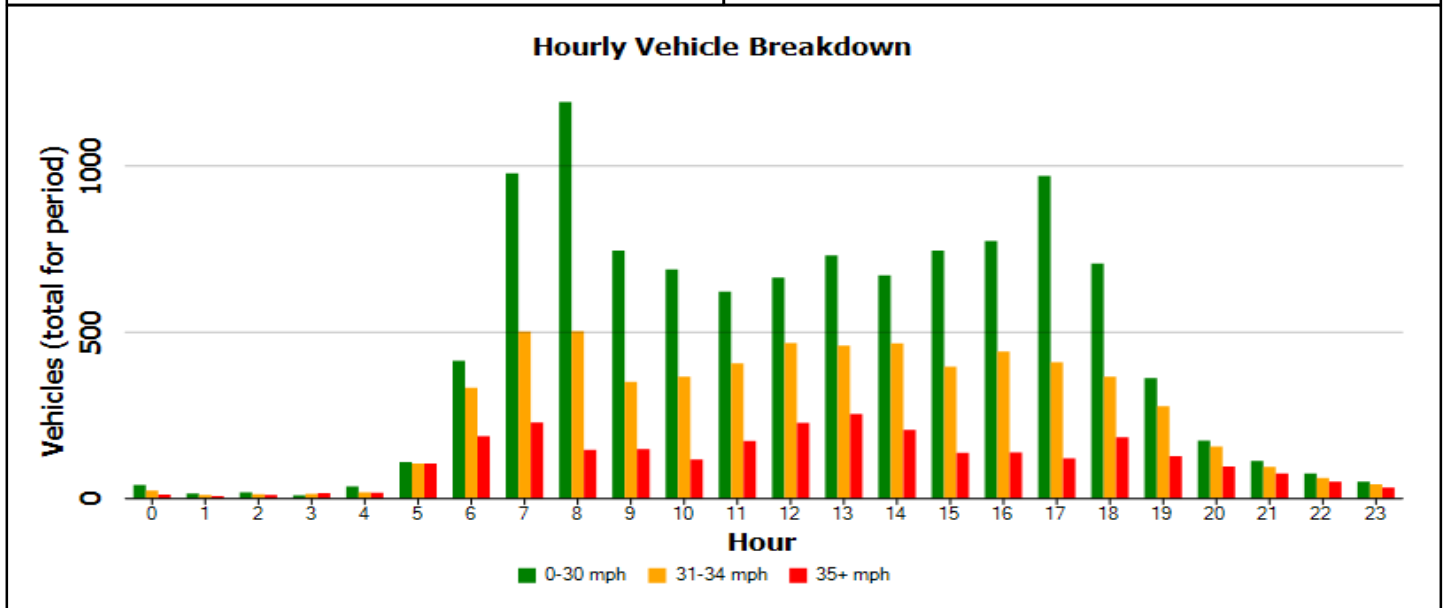


# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Southbound)

15 Jan 2017 18:25 to 22 Jan 2017 19:15

| Speeding Summary  |                  |       | Speed Breakdown |               |       |
|---|------------------|-------|-----------------|---------------|-------|
| Speed (MPH)   | Vehicles         | %age  | Speed (MPH)     | Vehicles      | %age  |
| 0-30  | 10,909           | 54.5% | 0-20            | 1,338         | 6.7%  |
| 31-34   | 6,289            | 31.4% | 21-25           | 2,645         | 13.2% |
| 35-49   | 2,771            | 13.8% | 26-30           | 6,926         | 34.6% |
| 50+   | 48               | 0.2%  | 31-34           | 6,289         | 31.4% |
| <b>Total:</b>   | <b>20,017</b>    |       | 36-40           | 2,161         | 10.8% |
| <b>Max Speed:</b>   | <b>76</b> MPH    |       | 41-45           | 496           | 2.5%  |
| <b>85%:</b>   | <b>35.56</b> MPH |       | 46-50           | 114           | 0.6%  |
| Locations where 85% value >34mph are candidate for police enforcement |                  |       | 51-60           | 44            | 0.2%  |
|   |                  |       | 61-70           | 3             | 0.0%  |
|   |                  |       | 71+             | 1             | 0.0%  |
|   |                  |       | <b>Total:</b>   | <b>20,017</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+                                | 1   | 1   |     |     | 1   | 4   | 5   | 2   |      | 1    |       | 1     | 1     | 2     |       |       | 1     |       | 3     | 2     | 2     | 2     | 5     | 1     |
| 35-49                              | 8   |     | 6   | 13  | 15  | 94  | 158 | 194 | 122  | 102  | 67    | 98    | 136   | 141   | 133   | 78    | 95    | 91    | 124   | 92    | 72    | 61    | 35    | 19    |
| 31-34                              | 10  | 7   | 8   | 10  | 16  | 92  | 306 | 467 | 453  | 261  | 260   | 264   | 323   | 339   | 343   | 276   | 326   | 335   | 283   | 211   | 127   | 76    | 49    | 34    |
| 0-30                               | 31  | 11  | 7   | 9   | 27  | 102 | 370 | 927 | 1136 | 642  | 548   | 491   | 533   | 631   | 582   | 611   | 613   | 850   | 594   | 280   | 143   | 94    | 54    | 33    |

| 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+                                |     |     |     |     |     |     |     | 6   | 1   | 1    | 1     | 1     |       |       |       |       |       |       | 1     |       |       |       | 1     | 1     |
| 35-49                              | 3   | 6   | 5   | 3   | 1   | 7   | 24  | 27  | 23  | 45   | 49    | 73    | 90    | 111   | 73    | 59    | 43    | 30    | 56    | 33    | 22    | 12    | 10    | 12    |
| 31-34                              | 14  | 4   | 5   | 4   | 2   | 13  | 27  | 35  | 50  | 90   | 106   | 142   | 145   | 121   | 123   | 121   | 116   | 75    | 83    | 67    | 29    | 19    | 13    | 9     |
| 0-30                               | 10  | 4   | 12  | 1   | 9   | 8   | 44  | 51  | 56  | 104  | 141   | 131   | 131   | 100   | 89    | 134   | 161   | 120   | 113   | 82    | 31    | 19    | 21    | 18    |

# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Southbound)

15 Jan 2017 18:25 to 22 Jan 2017 19:15

| 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 15 Jan                |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       |       | 37.8  | 37.6  | 39.3  | 39.6  | 45.7  | 44.7  |
| Mon 16 Jan                | 37.0 | 32.5 | 38.0 | 40.1 | 47.1 | 39.7 | 37.4 | 35.1 | 34.2 | 34.7 | 33.4  | 34.9  | 35.1  | 33.4  | 33.8  | 33.6  | 34.1  | 33.3  | 35.0  | 35.9  | 36.8  | 40.1  | 39.4  | 36.3  |
| Tue 17 Jan                | 41.9 | 27.5 | 40.2 | 42.8 | 34.1 | 39.8 | 36.6 | 34.2 | 34.1 | 33.6 | 34.0  | 34.6  | 35.4  | 33.5  | 35.6  | 34.2  | 34.7  | 33.7  | 35.6  | 35.6  | 36.1  | 36.0  | 35.3  | 35.4  |
| Wed 18 Jan                | 37.4 | 34.9 | 31.6 | 39.9 | 38.5 | 41.4 | 36.7 | 35.0 | 33.8 | 34.3 | 34.5  | 34.6  | 35.5  | 34.5  | 33.9  | 33.5  | 33.5  | 33.1  | 34.6  | 36.9  | 36.1  | 36.4  | 40.6  | 36.7  |
| Thu 19 Jan                | 38.6 | 48.5 | 38.5 | 46.2 | 39.8 | 36.8 | 37.2 | 34.9 | 33.1 | 34.3 | 33.5  | 35.7  | 34.9  | 36.9  | 34.6  | 33.3  | 33.7  | 32.2  | 35.4  | 36.2  | 37.3  | 37.6  | 40.7  | 41.3  |
| Fri 20 Jan                | 28.4 | 30.4 | 33.7 | 36.0 | 34.6 | 41.5 | 36.7 | 35.6 | 32.9 | 33.4 | 34.1  | 34.9  | 36.3  | 36.0  | 36.9  | 35.4  | 35.3  | 34.2  | 34.4  | 37.0  | 38.6  | 43.8  | 45.0  | 38.1  |
| Sat 21 Jan                | 34.6 | 37.1 | 31.6 | 38.7 | 32.5 | 40.4 | 39.9 | 39.4 | 36.5 | 36.5 | 36.1  | 36.4  | 36.4  | 37.6  | 36.5  | 34.9  | 34.4  | 34.4  | 35.8  | 35.5  | 37.9  | 39.0  | 34.8  | 38.2  |
| Sun 22 Jan                | 35.7 | 42.3 | 38.8 | 42.1 | 33.0 | 37.3 | 36.5 | 44.9 | 37.3 | 36.9 | 36.2  | 36.8  | 38.6  | 38.8  | 38.0  | 38.1  | 35.6  | 37.2  | 37.6  | 34.9  |       |       |       |       |

|  |  |
|--|--|
|  | <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)

15 Jan 2017 18:25 to 22 Jan 2017 19:15

| 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 15 Jan   |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       | 50    | 56    | 38    | 23    | 18    | 10    |
| Mon 16 Jan   | 9   | 3   | 5   | 10  | 7   | 65  | 165 | 297 | 305 | 184  | 199   | 159   | 216   | 200   | 203   | 183   | 187   | 219   | 205   | 100   | 84    | 36    | 19    | 15    |
| Tue 17 Jan   | 9   | 2   | 7   | 8   | 13  | 65  | 164 | 343 | 388 | 193  | 166   | 171   | 199   | 229   | 210   | 195   | 198   | 274   | 202   | 143   | 62    | 44    | 22    | 16    |
| Wed 18 Jan   | 9   | 3   | 4   | 7   | 17  | 49  | 175 | 346 | 338 | 208  | 153   | 173   | 184   | 206   | 223   | 196   | 213   | 284   | 221   | 85    | 55    | 72    | 32    | 11    |
| Thu 19 Jan   | 17  | 5   | 2   | 3   | 12  | 56  | 170 | 314 | 345 | 250  | 158   | 174   | 190   | 258   | 191   | 169   | 209   | 266   | 163   | 151   | 75    | 50    | 40    | 17    |
| Fri 20 Jan   | 6   | 6   | 3   | 4   | 10  | 57  | 165 | 290 | 335 | 171  | 199   | 177   | 204   | 220   | 231   | 222   | 228   | 233   | 213   | 106   | 68    | 31    | 30    | 28    |
| Sat 21 Jan   | 8   | 7   | 7   | 3   | 7   | 18  | 54  | 84  | 102 | 168  | 175   | 203   | 208   | 208   | 171   | 189   | 168   | 137   | 115   | 103   | 44    | 27    | 27    | 30    |
| Sun 22 Jan   | 19  | 7   | 15  | 5   | 5   | 10  | 41  | 35  | 28  | 72   | 122   | 144   | 158   | 124   | 114   | 125   | 152   | 88    | 88    | 23    |       |       |       |       |
| Average Vehicle Count By Hour By WeekDay/Weekend/Overall |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| WDay   | 10  | 4   | 4   | 6   | 12  | 58  | 168 | 318 | 342 | 201  | 175   | 171   | 199   | 223   | 212   | 193   | 207   | 255   | 201   | 117   | 69    | 47    | 29    | 17    |
| WEnd   | 14  | 7   | 11  | 4   | 6   | 14  | 48  | 60  | 65  | 120  | 149   | 174   | 183   | 166   | 143   | 157   | 160   | 113   | 98    | 66    | 41    | 25    | 23    | 20    |
| OAll   | 11  | 5   | 6   | 6   | 10  | 46  | 133 | 244 | 263 | 178  | 167   | 172   | 194   | 206   | 192   | 183   | 194   | 214   | 166   | 99    | 61    | 40    | 27    | 18    |