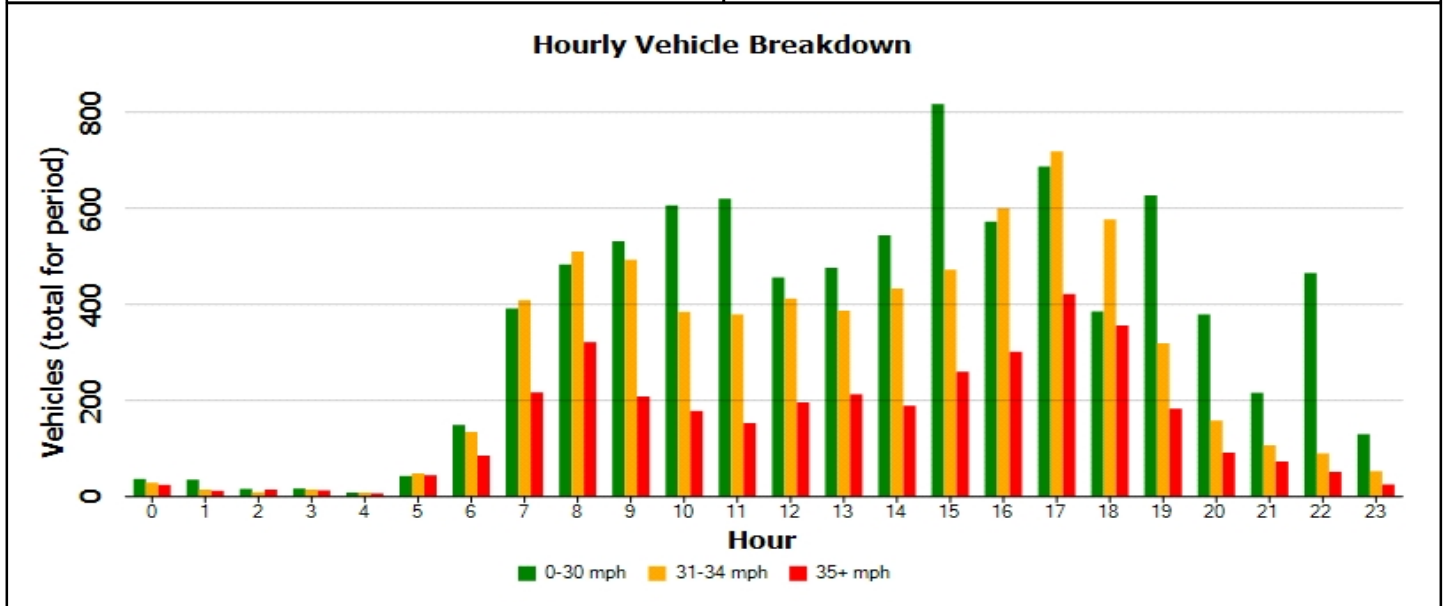


# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Northbound)

09 Jul 2017 17:00 to 16 Jul 2017 15:50

| Speeding Summary  |                  |       | Speed Breakdown |               |       |
|---|------------------|-------|-----------------|---------------|-------|
| Speed (MPH)   | Vehicles         | %age  | Speed (MPH)     | Vehicles      | %age  |
| 0-30  | 8,690            | 45.5% | 0-20            | 2,167         | 11.4% |
| 31-34   | 6,757            | 35.4% | 21-25           | 1,735         | 9.1%  |
| 35-49   | 3,611            | 18.9% | 26-30           | 4,788         | 25.1% |
| 50+   | 24               | 0.1%  | 31-34           | 6,757         | 35.4% |
| <b>Total:</b>   | <b>19,082</b>    |       | 36-40           | 2,881         | 15.1% |
| <b>Max Speed:</b>   | <b>56</b> MPH    |       | 41-45           | 625           | 3.3%  |
| <b>85%:</b>   | <b>37.37</b> MPH |       | 46-50           | 105           | 0.6%  |
| Locations where 85% value >34mph are candidate for police enforcement |                  |       | 51-60           | 24            | 0.1%  |
|   |                  |       | <b>Total:</b>   | <b>19,082</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   | 1   | 1   | 1    |       |       |       | 5     |       | 2     | 3     | 1     | 1     |       |       |       |       |       |
| 35-49                              | 21  | 10  | 10  | 12  | 6   | 41  | 79  | 201 | 307 | 193  | 163   | 139   | 175   | 193   | 171   | 236   | 291   | 381   | 311   | 130   | 69    | 54    | 40    | 21    |
| 31-34                              | 21  | 11  | 7   | 13  | 5   | 42  | 122 | 381 | 466 | 469  | 341   | 333   | 353   | 328   | 370   | 406   | 566   | 644   | 488   | 237   | 110   | 77    | 70    | 40    |
| 0-30                               | 25  | 18  | 10  | 4   | 5   | 31  | 125 | 331 | 374 | 334  | 311   | 365   | 272   | 281   | 346   | 649   | 479   | 574   | 284   | 544   | 336   | 168   | 426   | 101   |

| 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     |       |       | 2     | 1     |       |       |       |       |       |
| 35-49                              | 3   | 1   | 4   | 1   | 1   | 2   | 5   | 15  | 13  | 14   | 14    | 13    | 21    | 15    | 17    | 22    | 7     | 37    | 43    | 53    | 22    | 19    | 11    | 4     |
| 31-34                              | 8   | 3   | 2   | 1   | 3   | 6   | 12  | 28  | 44  | 24   | 43    | 46    | 59    | 59    | 63    | 66    | 34    | 74    | 89    | 82    | 48    | 30    | 20    | 13    |
| 0-30                               | 12  | 17  | 6   | 13  | 3   | 12  | 24  | 60  | 109 | 197  | 295   | 255   | 184   | 195   | 198   | 168   | 93    | 113   | 101   | 83    | 43    | 48    | 39    | 29    |

# Haverhill - Vehicle Speed Analysis

## Bumpstead Road (Northbound)

09 Jul 2017 17:00 to 16 Jul 2017 15:50

| 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 09 Jul                |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | 39.0  | 37.8  | 38.5  | 37.9  | 38.5  | 38.9  | 38.3  |
| Mon 10 Jul                | 38.6 | 38.8 | 35.7 | 46.2 | 44.6 | 36.6 | 39.6 | 36.9 | 37.2 | 36.8 | 36.4  | 35.1  | 36.8  | 37.5  | 36.9  | 37.3  | 37.2  | 35.3  | 37.7  | 37.8  | 37.7  | 35.8  | 37.0  | 40.1  |
| Tue 11 Jul                | 39.0 | 34.5 | 38.7 | 41.0 | 38.5 | 37.2 | 38.5 | 36.3 | 37.0 | 36.9 | 36.5  | 36.3  | 36.6  | 37.0  | 35.4  | 27.4  | 36.7  | 37.5  | 39.4  | 28.1  | 28.0  | 37.9  | 17.4  | 28.2  |
| Wed 12 Jul                | 35.7 | 41.9 | 37.1 | 39.7 | 38.5 | 40.0 | 36.6 | 36.9 | 37.1 | 35.7 | 35.6  | 35.8  | 35.8  | 36.7  | 36.6  | 37.0  | 38.3  | 37.8  | 38.5  | 37.0  | 36.9  | 38.7  | 36.6  | 35.3  |
| Thu 13 Jul                | 36.9 | 38.1 | 41.2 | 40.2 | 36.0 | 40.8 | 37.5 | 36.5 | 37.8 | 36.3 | 37.9  | 36.4  | 36.8  | 37.1  | 36.7  | 36.7  | 37.1  | 36.4  | 37.1  | 30.9  | 26.7  | 27.2  | 25.8  | 34.3  |
| Fri 14 Jul                | 35.5 | 41.9 | 38.0 | 39.9 | 36.0 | 38.6 | 35.2 | 35.8 | 36.9 | 35.9 | 36.0  | 34.9  | 36.8  | 37.8  | 35.5  | 37.8  | 36.1  | 37.2  | 37.1  | 33.8  | 22.8  | 20.4  | 14.8  | 12.8  |
| Sat 15 Jul                | 11.3 | 7.5  | 35.9 | 26.0 | 32.9 | 34.7 | 30.9 | 32.3 | 31.5 | 30.4 | 30.3  | 30.9  | 32.3  | 31.9  | 31.7  | 33.4  | 32.5  | 33.2  | 34.6  | 36.0  | 35.8  | 34.5  | 32.8  | 29.7  |
| Sun 16 Jul                | 35.5 | 32.0 | 36.7 | 32.8 | 37.5 | 34.3 | 36.7 | 37.6 | 36.0 | 32.4 | 31.3  | 32.1  | 33.5  | 33.5  | 34.3  | 33.1  |       |       |       |       |       |       |       |       |

|  |  |
|--|--|
|  | <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 (Northbound)

09 Jul 2017 17:00 to 16 Jul 2017 15:50

| 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 09 Jul   |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       | 100   | 118   | 116   | 52    | 38    | 27    | 16    |
| Mon 10 Jul   | 16  | 6   | 5   | 3   | 2   | 28  | 51  | 154 | 228 | 189  | 178   | 165   | 138   | 220   | 207   | 212   | 266   | 421   | 208   | 141   | 68    | 53    | 65    | 26    |
| Tue 11 Jul   | 12  | 7   | 7   | 4   | 2   | 26  | 63  | 189 | 233 | 193  | 158   | 138   | 188   | 145   | 259   | 508   | 286   | 286   | 210   | 377   | 237   | 86    | 322   | 60    |
| Wed 12 Jul   | 8   | 6   | 7   | 8   | 4   | 17  | 65  | 198 | 243 | 200  | 155   | 170   | 187   | 142   | 164   | 204   | 250   | 313   | 239   | 152   | 93    | 87    | 76    | 26    |
| Thu 13 Jul   | 15  | 10  | 3   | 7   | 4   | 21  | 75  | 182 | 214 | 194  | 159   | 133   | 83    | 117   | 101   | 154   | 249   | 319   | 214   | 172   | 96    | 58    | 47    | 39    |
| Fri 14 Jul   | 16  | 11  | 5   | 7   | 4   | 23  | 73  | 191 | 230 | 221  | 166   | 231   | 204   | 183   | 156   | 215   | 288   | 261   | 213   | 69    | 21    | 15    | 26    | 11    |
| Sat 15 Jul   | 4   | 2   | 5   | 7   | 4   | 13  | 22  | 54  | 110 | 172  | 220   | 206   | 145   | 154   | 158   | 129   | 134   | 126   | 116   | 102   | 61    | 59    | 43    | 30    |
| Sun 16 Jul   | 19  | 19  | 7   | 8   | 3   | 7   | 19  | 49  | 56  | 63   | 132   | 109   | 119   | 115   | 121   | 127   |       |       |       |       |       |       |       |       |
| Average Vehicle Count By Hour By WeekDay/Weekend/Overall |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| WDay   | 13  | 8   | 5   | 6   | 3   | 23  | 65  | 183 | 230 | 199  | 163   | 167   | 160   | 161   | 177   | 259   | 268   | 320   | 217   | 182   | 103   | 60    | 107   | 32    |
| WEnd   | 12  | 11  | 6   | 8   | 4   | 10  | 21  | 52  | 83  | 118  | 176   | 158   | 132   | 135   | 140   | 219   | 134   | 113   | 117   | 109   | 57    | 49    | 35    | 23    |
| OAll   | 13  | 9   | 6   | 6   | 3   | 19  | 53  | 145 | 188 | 176  | 167   | 165   | 152   | 154   | 167   | 251   | 246   | 261   | 188   | 161   | 90    | 57    | 87    | 30    |