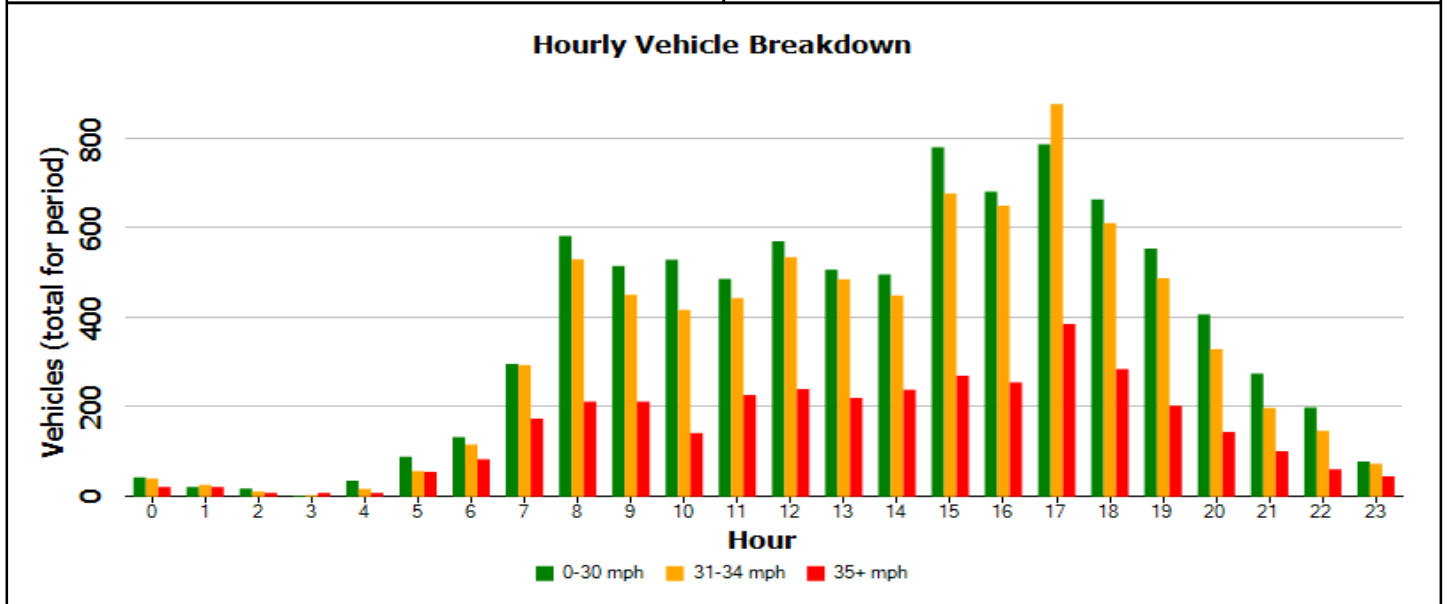


# Haverhill - Vehicle Speed Analysis

## Chimswell Way (Northeastbound)

25 Jun 2017 17:35 to 09 Jul 2017 16:35

| Speeding Summary                                                         |          |       | Speed Breakdown |          |       |
|--------------------------------------------------------------------------|----------|-------|-----------------|----------|-------|
| Speed (MPH)                                                              | Vehicles | %age  | Speed (MPH)     | Vehicles | %age  |
| 0-30                                                                     | 8,747    | 43.1% | 0-20            | 497      | 2.4%  |
| 31-34                                                                    | 7,924    | 39.1% | 21-25           | 1,707    | 8.4%  |
| 35-49                                                                    | 3,589    | 17.7% | 26-30           | 6,543    | 32.2% |
| 50+                                                                      | 29       | 0.1%  | 31-34           | 7,924    | 39.1% |
| Total: 20,289                                                            |          |       | 36-40           | 2,844    | 14.0% |
| Max Speed: 56 MPH                                                        |          |       | 41-45           | 604      | 3.0%  |
| 85%: 36.23 MPH                                                           |          |       | 46-50           | 141      | 0.7%  |
| Locations where 85% value >34mph<br>are candidate for police enforcement |          |       | 51-60           | 29       | 0.1%  |
|                                                                          |          |       | Total: 20,289   |          |       |



| 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   |     | 2   | 1   |     | 1    | 1     | 1     | 1     | 1     | 2     | 1     | 2     | 2     | 1     |       |       | 2     |       |       |
| 35-49                              | 11  | 11  | 1   | 1   | 4   | 47  | 70  | 158 | 175 | 155  | 85    | 136   | 168   | 146   | 168   | 198   | 205   | 331   | 231   | 156   | 98    | 74    | 54    | 31    |
| 31-34                              | 25  | 10  | 3   | 2   | 12  | 50  | 107 | 270 | 458 | 369  | 258   | 274   | 338   | 331   | 307   | 541   | 528   | 781   | 491   | 397   | 269   | 150   | 114   | 56    |
| 0-30                               | 23  | 9   | 10  | 1   | 28  | 79  | 120 | 260 | 514 | 411  | 347   | 311   | 395   | 353   | 371   | 634   | 555   | 679   | 547   | 446   | 308   | 208   | 145   | 59    |
| 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     | 1     | 2     |       | 1     | 2     |       |       |       |       |       |
| 35-49                              | 9   | 9   | 6   | 7   | 3   | 8   | 11  | 15  | 37  | 56   | 56    | 90    | 71    | 72    | 67    | 69    | 48    | 51    | 51    | 47    | 46    | 25    | 7     | 14    |
| 31-34                              | 15  | 16  | 8   | 1   | 5   | 7   | 9   | 24  | 72  | 82   | 159   | 169   | 197   | 154   | 142   | 136   | 122   | 96    | 120   | 91    | 60    | 48    | 33    | 17    |
| 0-30                               | 20  | 12  | 8   | 1   | 7   | 10  | 13  | 36  | 68  | 104  | 182   | 175   | 175   | 154   | 125   | 146   | 126   | 108   | 117   | 108   | 99    | 67    | 54    | 19    |

# Haverhill - Vehicle Speed Analysis

## Chimswell Way (Northeastbound)

25 Jun 2017 17:35 to 09 Jul 2017 16:35

| 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 25 Jun                |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       |       |       | 37.8  | 35.9  | 37.4  | 36.3  | 35.2  | 34.1  | 40.0  |
| Mon 26 Jun                | 32.5 | 38.5 |      |      | 30.3 | 37.1 | 35.8 | 36.8 | 35.7 | 36.9 | 36.1  | 35.3  | 36.5  | 37.6  | 35.2  | 35.8  | 36.7  | 35.6  | 36.9  | 35.8  | 36.8  | 33.3  | 34.5  | 35.1  |
| Tue 27 Jun                | 37.7 | 43.4 |      |      | 28.5 | 38.8 | 36.9 | 36.3 | 35.9 | 35.3 | 35.0  | 35.7  | 37.4  | 36.9  | 38.0  | 34.6  | 34.8  | 36.4  | 35.0  | 35.7  | 37.5  | 33.7  | 35.1  | 37.1  |
| Wed 28 Jun                | 35.1 | 37.5 | 27.5 |      | 29.9 | 34.4 | 38.2 | 37.8 | 35.8 | 34.8 | 35.6  | 34.8  | 37.6  | 36.5  | 36.4  | 34.1  | 36.9  | 36.1  | 36.9  | 36.9  | 36.8  | 36.3  | 35.9  | 36.3  |
| Thu 29 Jun                | 41.2 |      |      |      | 27.1 | 39.3 | 38.4 | 36.7 | 35.8 | 35.8 | 35.6  | 35.9  | 36.6  | 37.0  | 37.9  | 34.7  | 35.0  | 36.7  | 35.6  | 35.7  | 35.6  | 36.4  | 36.1  | 38.1  |
| Fri 30 Jun                | 39.0 | 38.5 |      |      | 38.0 | 34.6 | 38.5 | 37.5 | 35.9 | 36.5 | 34.8  | 37.9  | 37.7  | 35.8  | 37.9  | 36.1  | 35.8  | 35.9  | 37.7  | 36.0  | 36.7  | 36.0  | 35.3  | 35.7  |
| Sat 01 Jul                | 35.4 | 35.8 | 41.9 | 42.5 | 39.1 | 40.0 | 36.2 | 37.2 | 36.0 | 37.2 | 35.0  | 36.3  | 35.7  | 36.7  | 38.1  | 35.6  | 35.4  | 36.7  | 37.1  | 37.0  | 36.9  | 35.9  | 35.3  | 32.2  |
| Sun 02 Jul                | 37.7 | 37.2 | 46.5 | 42.1 | 32.5 | 35.7 | 44.1 | 44.8 | 37.5 | 35.5 | 36.3  | 35.9  | 35.6  | 35.8  | 37.0  | 37.8  | 36.6  | 37.1  | 35.3  | 36.1  | 35.5  | 36.9  | 32.4  | 38.1  |
| Mon 03 Jul                | 36.0 | 41.5 | 39.6 |      | 28.2 | 37.8 | 37.9 | 35.9 | 36.2 | 35.5 | 36.6  | 37.5  | 35.5  | 35.6  | 37.4  | 36.4  | 36.4  | 36.3  | 36.3  | 36.0  | 35.1  | 37.7  | 36.4  | 35.7  |
| Tue 04 Jul                | 37.8 | 39.6 |      |      | 22.5 | 40.6 | 36.2 | 35.5 | 35.6 | 35.4 | 34.0  | 34.7  | 35.9  | 36.2  | 35.6  | 36.2  | 35.8  | 36.1  | 36.0  | 35.5  | 37.0  | 36.4  | 37.2  | 38.4  |
| Wed 05 Jul                | 47.5 | 41.8 | 33.5 |      | 36.9 | 34.7 | 38.4 | 36.8 | 35.5 | 36.8 | 34.9  | 35.4  | 37.3  | 36.0  | 35.9  | 34.0  | 34.9  | 36.3  | 35.8  | 34.5  | 35.1  | 36.7  | 35.5  | 35.8  |
| Thu 06 Jul                | 33.8 | 38.5 | 19.6 |      | 34.6 | 37.0 | 37.7 | 37.8 | 34.6 | 35.5 | 34.8  | 37.9  | 37.1  | 35.8  | 37.3  | 36.1  | 36.1  | 35.8  | 35.7  | 35.7  | 34.9  | 36.1  | 37.5  | 38.0  |
| Fri 07 Jul                | 36.3 | 38.5 | 32.1 |      | 45.9 | 38.8 | 38.3 | 36.5 | 35.0 | 36.2 | 34.4  | 37.2  | 31.3  | 35.8  | 35.7  | 36.1  | 36.4  | 35.4  | 35.3  | 35.3  | 35.3  | 37.5  | 33.6  | 36.5  |
| Sat 08 Jul                | 35.6 | 35.7 | 50.7 | 37.5 | 27.9 | 38.0 | 43.2 | 36.6 | 37.5 | 36.0 | 35.9  | 37.0  | 36.2  | 36.3  | 36.4  | 36.4  | 36.0  | 35.6  | 37.4  | 34.5  | 38.0  | 34.9  | 32.9  | 40.0  |
| Sun 09 Jul                | 38.9 | 38.3 | 38.1 |      | 44.6 | 44.9 | 38.5 | 33.6 | 34.0 | 36.4 | 35.0  | 36.2  | 36.6  | 38.3  | 37.3  | 37.0  | 35.8  |       |       |       |       |       |       |       |

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

## Chimswell Way (Northeastbound)

### 25 Jun 2017 17:35 to 09 Jul 2017 16:35

| 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 25 Jun                                               |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       | 25    | 84    | 56    | 45    | 35    | 16    | 4     |
| Mon 26 Jun                                               | 4   | 2   | 1   | 0   | 7   | 19  | 33  | 74  | 105 | 83   | 75    | 70    | 97    | 84    | 92    | 122   | 122   | 148   | 121   | 102   | 57    | 36    | 29    | 14    |
| Tue 27 Jun                                               | 2   | 6   | 0   | 0   | 2   | 22  | 33  | 67  | 123 | 103  | 63    | 74    | 102   | 80    | 78    | 145   | 115   | 178   | 141   | 95    | 61    | 35    | 26    | 11    |
| Wed 28 Jun                                               | 6   | 2   | 3   | 1   | 3   | 15  | 30  | 66  | 128 | 93   | 61    | 72    | 90    | 84    | 82    | 162   | 112   | 174   | 124   | 92    | 51    | 41    | 23    | 7     |
| Thu 29 Jun                                               | 3   | 1   | 0   | 0   | 3   | 18  | 27  | 78  | 120 | 91   | 65    | 67    | 84    | 79    | 77    | 113   | 145   | 192   | 100   | 99    | 62    | 55    | 33    | 9     |
| Fri 30 Jun                                               | 8   | 2   | 1   | 0   | 6   | 18  | 31  | 65  | 120 | 106  | 67    | 75    | 73    | 99    | 102   | 148   | 142   | 179   | 119   | 111   | 79    | 41    | 38    | 23    |
| Sat 01 Jul                                               | 10  | 7   | 5   | 3   | 7   | 9   | 11  | 31  | 64  | 79   | 96    | 112   | 114   | 104   | 74    | 91    | 94    | 86    | 72    | 72    | 56    | 37    | 23    | 18    |
| Sun 02 Jul                                               | 10  | 5   | 5   | 3   | 2   | 6   | 8   | 4   | 23  | 41   | 90    | 108   | 105   | 90    | 79    | 86    | 65    | 69    | 65    | 57    | 56    | 36    | 25    | 8     |
| Mon 03 Jul                                               | 9   | 4   | 2   | 0   | 6   | 16  | 35  | 65  | 103 | 91   | 81    | 71    | 89    | 76    | 75    | 134   | 112   | 167   | 125   | 93    | 72    | 35    | 27    | 10    |
| Tue 04 Jul                                               | 9   | 2   | 0   | 1   | 2   | 21  | 30  | 63  | 128 | 90   | 87    | 69    | 80    | 99    | 60    | 119   | 136   | 184   | 141   | 91    | 77    | 39    | 24    | 15    |
| Wed 05 Jul                                               | 4   | 3   | 2   | 0   | 6   | 14  | 21  | 66  | 111 | 90   | 72    | 67    | 93    | 78    | 79    | 147   | 136   | 201   | 134   | 99    | 72    | 56    | 41    | 15    |
| Thu 06 Jul                                               | 8   | 2   | 2   | 1   | 4   | 18  | 32  | 71  | 92  | 92   | 55    | 68    | 104   | 72    | 92    | 141   | 136   | 202   | 133   | 111   | 84    | 56    | 30    | 10    |
| Fri 07 Jul                                               | 7   | 7   | 3   | 1   | 6   | 15  | 27  | 74  | 117 | 97   | 65    | 89    | 90    | 80    | 111   | 143   | 134   | 168   | 132   | 106   | 60    | 40    | 42    | 32    |
| Sat 08 Jul                                               | 13  | 12  | 3   | 2   | 4   | 5   | 10  | 25  | 71  | 73   | 117   | 136   | 133   | 102   | 99    | 89    | 98    | 76    | 69    | 61    | 48    | 32    | 30    | 20    |
| Sun 09 Jul                                               | 11  | 13  | 10  | 1   | 2   | 5   | 4   | 15  | 19  | 49   | 94    | 78    | 91    | 85    | 83    | 87    | 39    |       |       |       |       |       |       |       |
| Average Vehicle Count By Hour By WeekDay/Weekend/Overall |     |     |     |     |     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| WDay                                                     | 6   | 3   | 1   | 0   | 5   | 18  | 30  | 69  | 115 | 94   | 69    | 72    | 90    | 83    | 85    | 137   | 129   | 179   | 127   | 100   | 68    | 43    | 31    | 15    |
| WEnd                                                     | 11  | 9   | 6   | 2   | 4   | 6   | 8   | 19  | 44  | 61   | 99    | 109   | 111   | 95    | 84    | 88    | 87    | 75    | 73    | 62    | 51    | 35    | 24    | 13    |
| OAll                                                     | 7   | 5   | 3   | 1   | 4   | 14  | 24  | 55  | 95  | 84   | 78    | 83    | 96    | 87    | 85    | 123   | 118   | 153   | 111   | 89    | 63    | 41    | 29    | 14    |