

TRAFFIC ANALYSIS REPORT

For Project: Hastings September 2020

Project Notes/Address: Hastings Drive (1)

Location/Name: Incoming

Report Generated: 28/09/2020 06:11:40 PM – Note battery ran out on 10/09/2020

Speed Intervals = 5 MPH

Time Intervals = Instant

Traffic Report From 01/09/2020 04:00:00 PM through 28/09/2020 07:59:59 AM

85th Percentile Speed = 31.5 MPH

85th Percentile Vehicles = 9,117 counts

Max Speed = 50.0 MPH on 02/09/2020 17:10:00

Total Vehicles = 10,726 counts

AADT: 402.2

Volumes - weekly vehicle counts

| | Time | 5 Day | 7 Day |
|---------------|----------------|-------|-------|
| Average Daily | | 1,002 | 1,017 |
| AM peak | 07:00 to 08:00 | 90 | 86 |
| PM peak | 03:00 to 04:00 | 129 | 115 |

Speed

Speed limit: 30 MPH

85th Percentile Speed: 31.5 MPH

50th Percentile Speed: 27.2 MPH

10 MPH Pace Interval: 25.0 MPH to 35.0 MPH

Average Speed: 27.1 MPH

Comparison with Previous Months

| Report | Dates Covered | Days | Veh Counts | Ave Daily Count | 85th Percentile Speed mph | 85th Percentile Vehicles | NB. of Speeders | Speeders % of veh counts |
|--|----------------|------|------------|-----------------|---------------------------|--------------------------|-----------------|--------------------------|
| Hastings Drive (2) – Opposite Saltwood Avenue - Eastbound | | | | | | | | |
| March for April | 13/03 to 02/04 | 20 | 27,357 | 1,368 | 29.4 | 23,253 | 149 | 0.5% |
| April for May | 30/03 to 30/04 | 31 | 27,354 | 882 | 29.2 | 23,251 | 185 | 0.7% |
| May for June | 30/04 to 26/05 | 26 | 31,168 | 1,199 | 29.3 | 26,492 | 197 | 0.6% |
| June for July | 26/05 to 09/06 | 14 | 19,120 | 1,365 | 29.3 | 16,252 | 1,470 | 7.7% |
| Hastings Drive (1) – Opposite Dover Avenue - Westbound | | | | | | | | |
| June for July | 09/06 to 30/06 | 21 | 22,361 | 1,064 | 30.8 | 19,007 | 3,868 | 17.3% |
| July for August | 01/07 to 31/07 | 31 | 36,000 | 1,161 | 31.9 | 63,567 | 3,303 | 8.4% |
| August for September | 01/08 to 31/08 | 31 | 37,762 | 1,218 | 32.0 | | 4,479 | 11.9% |
| September for October | 01/09 to 09/09 | 9 | 10,726 | 1,192 | 31.5 | 9,117 | 2,144 | 20.0% |

Compiled by Councillor Stephen Hodgson 28.09.2020

Vehicle Count – September 2020 – Hastings Drive (1)

| Hour | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Week Day Avg | Week end Avg | Week Day 85% Avg Speed |
|------------|---------|---------|---------|---------|---------|---------|-------|--------------|--------------|------------------------|
| 0 - 1 | 0 | 3 | 16 | 4 | 1 | 7 | 9 | 4.8 | 8 | 36.1 |
| 1 - 2 | 3 | 2 | 3 | 1 | 0 | 7 | 5 | 1.8 | 6 | 36.3 |
| 2 - 3 | 0 | 1 | 3 | 2 | 1 | 5 | 11 | 1.4 | 8 | 32.5 |
| 3 - 4 | 2 | 1 | 2 | 1 | 0 | 2 | 1 | 1.2 | 1.5 | 32.5 |
| 4 - 5 | 6 | 5 | 23 | 11 | 12 | 10 | 1 | 11.4 | 5.5 | 32.6 |
| 5 - 6 | 25 | 27 | 44 | 20 | 24 | 8 | 6 | 28 | 7 | 31.2 |
| 6 - 7 | 56 | 69 | 119 | 65 | 62 | 21 | 14 | 74.2 | 17.5 | 30.8 |
| 7 - 8 | 112 | 117 | 199 | 96 | 85 | 37 | 11 | 121.8 | 24 | 30.9 |
| 8 - 9 | 62 | 73 | 162 | 80 | 73 | 72 | 36 | 90 | 54 | 31.3 |
| 9 - 10 | 76 | 74 | 130 | 83 | 66 | 79 | 59 | 85.8 | 69 | 30.5 |
| 10 - 11 | 84 | 79 | 153 | 81 | 91 | 97 | 94 | 97.6 | 95.5 | 30.3 |
| 11 - 12 | 76 | 69 | 161 | 87 | 92 | 90 | 73 | 97 | 81.5 | 30.7 |
| 12 - 13 | 87 | 71 | 145 | 76 | 77 | 99 | 93 | 91.2 | 96 | 30.6 |
| 13 - 14 | 101 | 92 | 170 | 98 | 118 | 86 | 90 | 115.8 | 88 | 31.1 |
| 14 - 15 | 111 | 114 | 231 | 126 | 134 | 85 | 81 | 143.2 | 83 | 30.9 |
| 15 - 16 | 120 | 124 | 279 | 135 | 130 | 87 | 70 | 157.6 | 78.5 | 30.1 |
| 16 - 17 | 131 | 188 | 270 | 143 | 123 | 97 | 75 | 171 | 86 | 31.8 |
| 17 - 18 | 95 | 213 | 216 | 99 | 108 | 89 | 80 | 146.2 | 84.5 | 31.9 |
| 18 - 19 | 69 | 168 | 137 | 75 | 62 | 57 | 53 | 102.2 | 55 | 32.1 |
| 19 - 20 | 49 | 110 | 103 | 61 | 60 | 43 | 30 | 76.6 | 36.5 | 31.8 |
| 20 - 21 | 33 | 61 | 70 | 34 | 35 | 30 | 17 | 46.6 | 23.5 | 31 |
| 21 - 22 | 22 | 45 | 52 | 27 | 24 | 31 | 10 | 34 | 20.5 | 32.8 |
| 22 - 23 | 11 | 28 | 22 | 10 | 17 | 17 | 16 | 17.6 | 16.5 | 31.8 |
| 23 - 24 | 3 | 8 | 9 | 3 | 9 | 14 | 4 | 6.4 | 9 | 35.2 |
| Totals | 1334 | 1742 | 2719 | 1418 | 1404 | 1170 | 939 | | | |
| % of Total | 12.40 % | 16.20 % | 25.30 % | 13.20 % | 13.10 % | 10.90 % | 8.80% | 10726 | | |

Number of speeders – September 2020 – Hastings Drive (1)

| Hour | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Week Day Avg | Week end Avg | Week Day 85% Avg Speed |
|------------|--------|-------|-------|-------|-------|-------|-------|--------------|--------------|------------------------|
| 0 - 1 | 0 | 1 | 5 | 1 | 0 | 2 | 3 | 1.4 | 2.5 | 36.1 |
| 1 - 2 | 1 | 3 | 2 | 2 | 0 | 4 | 2 | 1.6 | 3 | 36.3 |
| 2 - 3 | 0 | 0 | 1 | 1 | 0 | 1 | 3 | 0.4 | 2 | 32.5 |
| 3 - 4 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0.4 | 1 | 32.5 |
| 4 - 5 | 1 | 0 | 9 | 2 | 6 | 2 | 0 | 3.6 | 1 | 32.6 |
| 5 - 6 | 3 | 3 | 9 | 3 | 3 | 1 | 1 | 4.2 | 1 | 31.2 |
| 6 - 7 | 9 | 11 | 20 | 10 | 14 | 6 | 3 | 12.8 | 4.5 | 30.8 |
| 7 - 8 | 20 | 26 | 42 | 15 | 12 | 9 | 3 | 23 | 6 | 30.9 |
| 8 - 9 | 15 | 10 | 27 | 18 | 11 | 11 | 4 | 16.2 | 7.5 | 31.3 |
| 9 - 10 | 19 | 8 | 18 | 13 | 14 | 6 | 16 | 14.4 | 11 | 30.5 |
| 10 - 11 | 14 | 15 | 16 | 8 | 15 | 28 | 10 | 13.6 | 19 | 30.3 |
| 11 - 12 | 10 | 12 | 34 | 17 | 10 | 23 | 18 | 16.6 | 20.5 | 30.7 |
| 12 - 13 | 16 | 10 | 36 | 8 | 15 | 21 | 18 | 17 | 19.5 | 30.6 |
| 13 - 14 | 16 | 15 | 38 | 20 | 17 | 18 | 26 | 21.2 | 22 | 31.1 |
| 14 - 15 | 19 | 17 | 40 | 18 | 34 | 18 | 18 | 25.6 | 18 | 30.9 |
| 15 - 16 | 11 | 17 | 43 | 18 | 22 | 14 | 18 | 22.2 | 16 | 30.1 |
| 16 - 17 | 23 | 34 | 61 | 35 | 26 | 17 | 19 | 35.8 | 18 | 31.8 |
| 17 - 18 | 18 | 55 | 50 | 23 | 26 | 25 | 21 | 34.4 | 23 | 31.9 |
| 18 - 19 | 12 | 43 | 35 | 17 | 13 | 18 | 20 | 24 | 19 | 32.1 |
| 19 - 20 | 5 | 23 | 28 | 12 | 20 | 7 | 10 | 17.6 | 8.5 | 31.8 |
| 20 - 21 | 4 | 11 | 16 | 10 | 4 | 3 | 6 | 9 | 4.5 | 31 |
| 21 - 22 | 4 | 12 | 18 | 8 | 9 | 7 | 2 | 10.2 | 4.5 | 32.8 |
| 22 - 23 | 3 | 8 | 6 | 3 | 1 | 7 | 8 | 4.2 | 7.5 | 31.8 |
| 23 - 24 | 1 | 4 | 7 | 0 | 2 | 2 | 2 | 2.8 | 2 | 35.2 |
| Totals | 225 | 338 | 562 | 262 | 274 | 252 | 231 | | | |
| % of Total | 10.5 % | 15.8% | 26.2% | 12.2% | 12.8% | 11.8% | 10.8% | 2144 | | |

