# TRAFFIC ANALYSIS REPORT




For Project: Hastings Oct 2021
Projects Notes/Address: Hastings Drive (2) on l/c no.7843 opposite Saltwood Ave for vehicles heading east
Location/Name: Incoming
Report Generated: 01/10/2021 02:14:20 PM
Speed Intervals = 5 MPH
Time Intervals = Instant

Traffic Report From 01/09/2021 12:00:00 AM through 30/09/2021 11:59:59 PM

85th Percentile Speed = 29.3 MPH
85th Percentile Vehicles = 46,125 counts
Max Speed = 45.0 MPH on 02/09/2021 20:20:00
Total Vehicles =54,265 counts
AADT: 1808.8

Volumes - weekly vehicle counts

| | | 5 Day | 7 Day |
|---|---|---|---|
| Average Daily | Time | 1,807 | 1,752 |
| AM peak | 11:00 to 12:00 | 115 | 123 |
| PM peak | 04:00 to 05:00 | 185 | 167 |

Speed
Speed Limit: 30 MPH
85th Percentile Speed: 29.3 MPH
50th Percentile Speed: 26.0 MPH
10 MPH Pace Interval: 20.0 MPH to 30.0 MPH
Average Speed: 25.5 MPH

| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|---|---|---|---|---|---|---|---|
| Count over limit | 515 | 538 | 702 | 754 | 646 | 665 | 433 |
| % over limit | 32.9 | 32.8 | 32.8 | 32.9 | 32.9 | 33.0 | 33.0 |
| Avg speeder | 32.9 | 32.8 | 32.8 | 32.9 | 32.9 | 33.0 | 33.0 |

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 |
|---|---|---|---|---|---|---|---|---|
| Dugdale Drive (2) - on l/c no.7908 opposite Haines Ave for vehicles heading east | | | | | | | | |
| May for June 2021 | 01/05 to 31/05 | 31 | 38,541 | 1,243 | 30.0 | 32,760 | 5,686 | 14.8% |
| June for July 2021 | 01/06 to 30/06 | 30 | 40,090 | 1,336 | 30.0 | 34,076 | 5,845 | 14.8% |
| July for Aug 2021 | 01/07 to 31/07 | 31 | 34,938 | 1,127 | 29.8 | 29,697 | 4,755 | 16.0% |
| Hastings Drive (2) – Opposite Saltwood Avenue - Eastbound | | | | | | | | |
| *March for April 2020* | *13/03 to 02/04* | *20* | *27,357* | *1,368* | *29.4* | *23,253* | *149* | *0.5%* |
| *April for May 2020* | *30/03 to 30/04* | *31* | *27,354* | *882* | *29.2* | *23,251* | *185* | *0.7%* |
| *May for June 2020* | *30/04 to 26/05* | *26* | *31,168* | *1,199* | *29.3* | *26,492* | *197* | *0.6%* |
| *June for July 2020* | *26/05 to 09/06* | *14* | *19,120* | *1,365* | *29.3* | *16,252* | *1,470* | *7.7%* |
| Sept for Oct 2021 | 01/09 to 30/09 | 30 | 54,265 | 1,809 | 29.3 | 46,125 | 4,533 | 8.4% |

Compiled by Councillor Stephen Hodgson 01.10.2021

**Vehicle Count – September 2021 – Hastings Drive (2)**

| Hour | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Week Day Avg | Week end Avg | Week Day 85% Avg Speed |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 - 1 | 18 | 26 | 21 | 27 | 16 | 30 | 59 | 21.6 | 44.5 | 31.3 |
| 1 - 2 | 5 | 12 | 14 | 6 | 12 | 35 | 38 | 9.8 | 36.5 | 30.5 |
| 2 - 3 | 10 | 10 | 10 | 21 | 10 | 41 | 31 | 12.2 | 36 | 30.6 |
| 3 - 4 | 16 | 20 | 34 | 28 | 19 | 15 | 16 | 23.4 | 15.5 | 32.4 |
| 4 - 5 | 72 | 67 | 74 | 98 | 65 | 36 | 29 | 75.2 | 32.5 | 31.7 |
| 5 - 6 | 144 | 162 | 162 | 171 | 140 | 66 | 62 | 155.8 | 64 | 31.1 |
| 6 - 7 | 206 | 254 | 304 | 301 | 231 | 127 | 64 | 259.2 | 95.5 | 29.7 |
| 7 - 8 | 456 | 438 | 584 | 530 | 450 | 281 | 122 | 491.6 | 201.5 | 29.1 |
| 8 - 9 | 388 | 382 | 431 | 511 | 394 | 362 | 214 | 421.2 | 288 | 29 |
| 9 - 10 | 398 | 370 | 482 | 466 | 414 | 460 | 387 | 426 | 423.5 | 29 |
| 10 - 11 | 401 | 433 | 500 | 486 | 416 | 531 | 493 | 447.2 | 512 | 29.1 |
| 11 - 12 | 476 | 476 | 504 | 561 | 509 | 584 | 572 | 505.2 | 578 | 29.3 |
| 12 - 13 | 457 | 472 | 609 | 535 | 518 | 515 | 574 | 518.2 | 544.5 | 29.2 |
| 13 - 14 | 427 | 432 | 571 | 574 | 513 | 573 | 457 | 503.4 | 515 | 29.3 |
| 14 - 15 | 635 | 618 | 793 | 783 | 630 | 474 | 563 | 691.8 | 518.5 | 29.2 |
| 15 - 16 | 644 | 648 | 837 | 757 | 689 | 556 | 458 | 715 | 507 | 29.2 |
| 16 - 17 | 719 | 723 | 955 | 972 | 728 | 625 | 360 | 819.4 | 492.5 | 29.3 |
| 17 - 18 | 632 | 560 | 819 | 778 | 727 | 493 | 334 | 703.2 | 413.5 | 29.4 |
| 18 - 19 | 477 | 382 | 626 | 606 | 510 | 459 | 339 | 520.2 | 399 | 29.2 |
| 19 - 20 | 330 | 307 | 426 | 476 | 427 | 311 | 267 | 393.2 | 289 | 29.2 |
| 20 - 21 | 212 | 193 | 287 | 292 | 263 | 207 | 120 | 249.4 | 163.5 | 29.4 |
| 21 - 22 | 118 | 132 | 185 | 195 | 200 | 189 | 97 | 166 | 143 | 29.5 |
| 22 - 23 | 69 | 64 | 69 | 86 | 143 | 154 | 46 | 86.2 | 100 | 30 |
| 23 - 24 | 34 | 34 | 54 | 49 | 78 | 91 | 27 | 49.8 | 59 | 29.7 |
| Totals | 7344 | 7215 | 9351 | 9309 | 8102 | 7215 | 5729 | | | |
| % of Total | 13.40 % | 13.70 % | 14.10 % | 17.90 % | 18.30 % | 12.90 % | 9.60% | 54265 | | |

**Number of speeders – September 2021 – Hastings Drive (2)**

| Hour | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Week Day Avg | Week end Avg | Week Day 85% Avg Speed |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 - 1 | 3 | 6 | 1 | 4 | 4 | 10 | 7 | 3.6 | 8.5 | 31.3 |
| 1 - 2 | 0 | 1 | 2 | 3 | 2 | 7 | 8 | 1.6 | 7.5 | 30.5 |
| 2 - 3 | 2 | 4 | 2 | 6 | 1 | 7 | 7 | 3 | 7 | 30.6 |
| 3 - 4 | 4 | 6 | 3 | 11 | 6 | 6 | 5 | 6 | 5.5 | 32.4 |
| 4 - 5 | 11 | 16 | 24 | 31 | 13 | 8 | 4 | 19 | 6 | 31.7 |
| 5 - 6 | 24 | 31 | 38 | 35 | 31 | 13 | 6 | 31.8 | 9.5 | 31.1 |
| 6 - 7 | 29 | 35 | 32 | 45 | 27 | 13 | 7 | 33.6 | 10 | 29.7 |
| 7 - 8 | 30 | 26 | 36 | 32 | 36 | 17 | 18 | 32 | 17.5 | 29.1 |
| 8 - 9 | 19 | 19 | 29 | 34 | 20 | 30 | 11 | 24.2 | 20.5 | 29 |
| 9 - 10 | 14 | 19 | 27 | 35 | 25 | 31 | 24 | 24 | 27.5 | 29 |
| 10 - 11 | 25 | 15 | 35 | 40 | 28 | 41 | 21 | 28.6 | 31 | 29.1 |
| 11 - 12 | 38 | 33 | 35 | 51 | 53 | 54 | 31 | 42 | 42.5 | 29.3 |
| 12 - 13 | 29 | 35 | 50 | 39 | 46 | 49 | 56 | 39.8 | 52.5 | 29.2 |
| 13 - 14 | 34 | 32 | 48 | 45 | 39 | 49 | 37 | 39.6 | 43 | 29.3 |
| 14 - 15 | 47 | 36 | 52 | 49 | 46 | 38 | 32 | 46 | 35 | 29.2 |
| 15 - 16 | 30 | 49 | 58 | 46 | 56 | 49 | 47 | 47.8 | 48 | 29.2 |
| 16 - 17 | 46 | 45 | 80 | 83 | 42 | 58 | 29 | 59.2 | 43.5 | 29.3 |
| 17 - 18 | 55 | 58 | 73 | 84 | 69 | 59 | 41 | 67.8 | 50 | 29.4 |
| 18 - 19 | 25 | 31 | 38 | 54 | 43 | 50 | 30 | 38.2 | 40 | 29.2 |
| 19 - 20 | 30 | 22 | 32 | 31 | 26 | 33 | 21 | 28.2 | 27 | 29.2 |
| 20 - 21 | 21 | 20 | 27 | 25 | 20 | 22 | 14 | 22.6 | 18 | 29.4 |
| 21 - 22 | 13 | 10 | 21 | 18 | 28 | 18 | 8 | 18 | 13 | 29.5 |
| 22 - 23 | 8 | 11 | 12 | 9 | 14 | 22 | 2 | 10.8 | 12 | 30 |
| 23 - 24 | 3 | 6 | 8 | 5 | 4 | 18 | 2 | 5.2 | 10 | 29.7 |
| Totals | 540 | 566 | 763 | 815 | 679 | 702 | 468 | | | |
| % of Total | 11.9 % | 12.5% | 16.8% | 18.0% | 15.0% | 15.5% | 10.3% | 4533 | | |

**Average speeder – September 2021 – Hastings Drive (2)**

| Hour | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Week Day Avg | Week end Avg | Week Day 85% Avg Speed |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 - 1 | 32.5 | 34.2 | 32.5 | 33.8 | 35 | 34 | 34.6 | 33.9 | 34.3 | 31.3 |
| 1 - 2 | 0 | 32.5 | 35 | 34.2 | 37.5 | 33.9 | 33.1 | 35 | 33.5 | 30.5 |
| 2 - 3 | 32.5 | 32.5 | 32.5 | 32.5 | 32.5 | 34.6 | 32.5 | 32.5 | 33.6 | 30.6 |
| 3 - 4 | 32.5 | 32.5 | 32.5 | 33.9 | 33.3 | 33.3 | 32.5 | 33.2 | 33 | 32.4 |
| 4 - 5 | 32.5 | 33.1 | 32.9 | 32.8 | 32.9 | 33.8 | 33.8 | 32.9 | 33.8 | 31.7 |
| 5 - 6 | 33.3 | 33 | 32.8 | 32.5 | 33.5 | 33.3 | 34.2 | 33 | 33.6 | 31.1 |
| 6 - 7 | 33 | 32.8 | 32.8 | 32.6 | 32.7 | 33.3 | 33.2 | 32.8 | 33.3 | 29.7 |
| 7 - 8 | 32.8 | 32.9 | 32.6 | 32.8 | 32.5 | 32.5 | 32.5 | 32.7 | 32.5 | 29.1 |
| 8 - 9 | 32.5 | 32.5 | 32.8 | 32.5 | 33 | 33 | 32.5 | 32.7 | 32.9 | 29 |
| 9 - 10 | 32.9 | 32.8 | 33.2 | 32.5 | 32.9 | 32.7 | 32.5 | 32.8 | 32.6 | 29 |
| 10 - 11 | 32.7 | 33.2 | 32.5 | 32.8 | 33.4 | 32.9 | 32.7 | 32.8 | 32.8 | 29.1 |
| 11 - 12 | 32.5 | 32.8 | 32.6 | 32.7 | 32.8 | 32.8 | 33.1 | 32.7 | 32.9 | 29.3 |
| 12 - 13 | 33.2 | 32.6 | 32.6 | 33 | 32.9 | 33.2 | 33.2 | 32.9 | 33.2 | 29.2 |
| 13 - 14 | 32.6 | 32.7 | 32.9 | 32.6 | 33.3 | 32.8 | 32.9 | 32.8 | 32.8 | 29.3 |
| 14 - 15 | 32.6 | 32.6 | 32.7 | 32.6 | 32.8 | 32.6 | 33 | 32.7 | 32.8 | 29.2 |
| 15 - 16 | 33.3 | 32.8 | 32.8 | 32.9 | 32.6 | 32.7 | 33 | 32.8 | 32.9 | 29.2 |
| 16 - 17 | 33 | 33.1 | 33.1 | 32.6 | 32.6 | 32.8 | 33.2 | 32.9 | 32.9 | 29.3 |
| 17 - 18 | 32.8 | 32.9 | 32.8 | 33 | 32.5 | 33 | 32.9 | 32.8 | 33 | 29.4 |
| 18 - 19 | 33.5 | 32.8 | 33 | 33.1 | 33.2 | 32.9 | 33.2 | 33.1 | 33 | 29.2 |
| 19 - 20 | 32.5 | 33 | 32.7 | 33.3 | 32.9 | 33 | 33.2 | 32.9 | 33.1 | 29.2 |
| 20 - 21 | 32.7 | 32.8 | 32.9 | 33.5 | 33 | 33.6 | 33.6 | 33 | 33.6 | 29.4 |
| 21 - 22 | 32.9 | 32.5 | 33.2 | 32.8 | 32.5 | 33.3 | 32.5 | 32.8 | 33.1 | 29.5 |
| 22 - 23 | 33.8 | 32.5 | 33.3 | 32.5 | 32.5 | 32.7 | 35 | 32.9 | 32.9 | 30 |
| 23 - 24 | 34.2 | 32.5 | 32.5 | 33.5 | 36.3 | 33.6 | 32.5 | 33.5 | 33.5 | 29.7 |
| Ave Daily | 756.8 | 787.6 | 789.2 | 791 | 799 | 796.3 | 795.4 | | | |
| % of Total | 13.70 % | 14% | 14.30 % | 14% | 14.50 % | 14.40 % | 14.40 % | | | |