



# Turning Movement Count

## Summary Report Including AM, OFF Peak, PM, Evening Peak Hours, and PHF

All Vehicles Except Bicycles



### Barran Street & Fallowfield Road

### Nepean, ON

|   |                          |                                  |
|---|--------------------------|----------------------------------|
| Survey Start Date: Tuesday, 15 September 2020 | Start Time: 0000         | AADT Factor: 1.0                 |
| Survey End Date: Tuesday, 15 September 2020   | End Time: 2400           | AADT Factor: 1.0                 |
| Weather AM: Clear +3° C                       | Survey Duration: 24 Hrs. | Survey Hours: 24 Hours 0000-2400 |
| Weather PM: Cloudy +14° C                     | Surveyor(s): T. Carmody  |                                  |

| Fallowfield Rd. | Fallowfield Rd. | Barran St. | Cdn. Food Insp. Agency |
|-----------------|-----------------|------------|------------------------|
| Eastbound       | Westbound       | Northbound | Southbound             |

| Time Period   | LT        | ST          | RT        | UT       | E/B Tot     | LT         | ST          | RT        | UT       | W/B Tot     | Street Total | LT        | ST        | RT         | UT       | N/B Tot    | LT        | ST       | RT        | UT       | S/B Tot    | Street Total | Grand Total  |
|---------------|-----------|-------------|-----------|----------|-------------|------------|-------------|-----------|----------|-------------|--------------|-----------|-----------|------------|----------|------------|-----------|----------|-----------|----------|------------|--------------|--------------|
| 0000-0100     | 0         | 24          | 0         | 0        | 24          | 4          | 23          | 1         | 0        | 28          | 52           | 0         | 0         | 1          | 0        | 1          | 0         | 0        | 0         | 0        | 0          | 1            | 53           |
| 0100-0200     | 0         | 11          | 1         | 0        | 12          | 2          | 9           | 0         | 0        | 11          | 23           | 0         | 0         | 0          | 0        | 0          | 0         | 0        | 0         | 0        | 0          | 0            | 23           |
| 0200-0300     | 0         | 7           | 0         | 0        | 7           | 1          | 2           | 0         | 0        | 3           | 10           | 0         | 0         | 1          | 0        | 1          | 0         | 0        | 0         | 0        | 0          | 1            | 11           |
| 0300-0400     | 0         | 1           | 1         | 0        | 2           | 0          | 5           | 0         | 0        | 5           | 7            | 0         | 0         | 2          | 0        | 2          | 0         | 0        | 0         | 0        | 0          | 2            | 9            |
| 0400-0500     | 0         | 11          | 0         | 0        | 11          | 0          | 9           | 0         | 0        | 9           | 20           | 1         | 0         | 5          | 0        | 6          | 0         | 0        | 0         | 0        | 0          | 6            | 26           |
| 0500-0600     | 1         | 71          | 0         | 0        | 72          | 2          | 54          | 0         | 0        | 56          | 128          | 3         | 0         | 10         | 0        | 13         | 0         | 0        | 0         | 0        | 0          | 13           | 141          |
| 0600-0700     | 11        | 233         | 1         | 0        | 245         | 4          | 228         | 5         | 0        | 237         | 482          | 2         | 0         | 48         | 0        | 50         | 0         | 0        | 2         | 0        | 2          | 52           | 534          |
| 0700-0800     | 19        | 502         | 2         | 0        | 523         | 16         | 325         | 12        | 0        | 353         | 876          | 2         | 1         | 91         | 0        | 94         | 0         | 0        | 1         | 0        | 1          | 95           | 971          |
| 0800-0900     | 12        | 482         | 4         | 0        | 498         | 42         | 403         | 15        | 0        | 460         | 958          | 2         | 0         | 55         | 0        | 57         | 2         | 0        | 1         | 0        | 3          | 60           | 1018         |
| 0900-1000     | 4         | 373         | 3         | 0        | 380         | 13         | 359         | 12        | 0        | 384         | 764          | 4         | 2         | 46         | 0        | 52         | 5         | 0        | 2         | 0        | 7          | 59           | 823          |
| 1000-1100     | 3         | 346         | 10        | 0        | 359         | 18         | 345         | 5         | 0        | 368         | 727          | 3         | 0         | 39         | 0        | 42         | 3         | 0        | 2         | 0        | 5          | 47           | 774          |
| 1100-1200     | 1         | 379         | 3         | 0        | 383         | 23         | 366         | 4         | 0        | 393         | 776          | 4         | 1         | 40         | 0        | 45         | 6         | 1        | 3         | 0        | 10         | 55           | 831          |
| 1200-1300     | 5         | 399         | 5         | 0        | 409         | 42         | 408         | 5         | 0        | 455         | 864          | 1         | 3         | 37         | 0        | 41         | 4         | 0        | 2         | 0        | 6          | 47           | 911          |
| 1300-1400     | 2         | 325         | 6         | 0        | 333         | 39         | 398         | 3         | 0        | 440         | 773          | 6         | 1         | 46         | 0        | 53         | 3         | 0        | 6         | 0        | 9          | 62           | 835          |
| 1400-1500     | 1         | 420         | 6         | 0        | 427         | 42         | 425         | 5         | 0        | 472         | 899          | 5         | 1         | 47         | 0        | 53         | 10        | 0        | 11        | 0        | 21         | 74           | 973          |
| 1500-1600     | 0         | 509         | 14        | 0        | 523         | 52         | 538         | 4         | 0        | 594         | 1117         | 8         | 0         | 51         | 0        | 59         | 11        | 0        | 21        | 0        | 32         | 91           | 1208         |
| 1600-1700     | 0         | 609         | 11        | 0        | 620         | 67         | 624         | 2         | 0        | 693         | 1313         | 1         | 0         | 44         | 0        | 45         | 11        | 3        | 16        | 0        | 30         | 75           | 1388         |
| 1700-1800     | 0         | 560         | 11        | 0        | 571         | 58         | 596         | 0         | 1        | 655         | 1226         | 6         | 0         | 38         | 0        | 44         | 6         | 0        | 4         | 0        | 10         | 54           | 1280         |
| 1800-1900     | 0         | 365         | 12        | 1        | 378         | 39         | 415         | 0         | 0        | 454         | 832          | 6         | 0         | 35         | 0        | 41         | 3         | 0        | 2         | 0        | 5          | 46           | 878          |
| 1900-2000     | 0         | 310         | 3         | 0        | 313         | 32         | 267         | 0         | 0        | 299         | 612          | 2         | 1         | 25         | 0        | 28         | 0         | 0        | 0         | 0        | 0          | 28           | 640          |
| 2000-2100     | 0         | 239         | 5         | 0        | 244         | 26         | 193         | 1         | 0        | 220         | 464          | 1         | 0         | 19         | 0        | 20         | 1         | 1        | 0         | 0        | 2          | 22           | 486          |
| 2100-2200     | 0         | 110         | 1         | 0        | 111         | 25         | 107         | 0         | 0        | 132         | 243          | 0         | 0         | 14         | 0        | 14         | 0         | 0        | 0         | 0        | 0          | 14           | 257          |
| 2200-2300     | 0         | 50          | 0         | 0        | 50          | 9          | 55          | 0         | 0        | 64          | 114          | 1         | 0         | 8          | 0        | 9          | 0         | 0        | 0         | 0        | 0          | 9            | 123          |
| 2300-2400     | 0         | 45          | 0         | 0        | 45          | 5          | 71          | 1         | 0        | 77          | 122          | 1         | 0         | 3          | 0        | 4          | 2         | 0        | 0         | 0        | 2          | 6            | 128          |
| <b>Totals</b> | <b>59</b> | <b>6381</b> | <b>99</b> | <b>1</b> | <b>6540</b> | <b>561</b> | <b>6225</b> | <b>75</b> | <b>1</b> | <b>6862</b> | <b>13402</b> | <b>59</b> | <b>10</b> | <b>705</b> | <b>0</b> | <b>774</b> | <b>67</b> | <b>5</b> | <b>73</b> | <b>0</b> | <b>145</b> | <b>919</b>   | <b>14321</b> |

| <b>AM Peak Hour Factor → 0.94</b>   |    |     |    |    |       |    |     |    |    |       | <b>Highest Hourly Vehicle Volume Between 0500h &amp; 1000h</b> |    |    |    |    |       |    |    |    |    |       |           |           |
|-------------------------------------|----|-----|----|----|-------|----|-----|----|----|-------|--|----|----|----|----|-------|----|----|----|----|-------|-----------|-----------|
| AM Peak Hr                          | LT | ST  | RT | UT | Total | LT | ST  | RT | UT | Total | Str. Tot.  | LT | ST | RT | UT | Total | LT | ST | RT | UT | Total | Str. Tot. | Grd. Tot. |
| 0730-0830                           | 19 | 571 | 3  | 0  | 593   | 30 | 375 | 12 | 0  | 417   | 1010   | 3  | 1  | 72 | 0  | 76    | 0  | 0  | 1  | 0  | 1     | 77        | 1087      |
| <b>OFF Peak Hour Factor → 0.92</b>  |    |     |    |    |       |    |     |    |    |       | <b>Highest Hourly Vehicle Volume Between 1000h &amp; 1500h</b> |    |    |    |    |       |    |    |    |    |       |           |           |
| OFF Peak Hr                         | LT | ST  | RT | UT | Total | LT | ST  | RT | UT | Total | Str. Tot.  | LT | ST | RT | UT | Total | LT | ST | RT | UT | Total | Str. Tot. | Grd. Tot. |
| 1400-1500                           | 1  | 420 | 6  | 0  | 427   | 42 | 425 | 5  | 0  | 472   | 899  | 5  | 1  | 47 | 0  | 53    | 10 | 0  | 11 | 0  | 21    | 74        | 973       |
| <b>PM Peak Hour Factor → 0.97</b>   |    |     |    |    |       |    |     |    |    |       | <b>Highest Hourly Vehicle Volume Between 1500h &amp; 1900h</b> |    |    |    |    |       |    |    |    |    |       |           |           |
| PM Peak Hr                          | LT | ST  | RT | UT | Total | LT | ST  | RT | UT | Total | Str. Tot.  | LT | ST | RT | UT | Total | LT | ST | RT | UT | Total | Str. Tot. | Grd. Tot. |
| 1615-1715                           | 0  | 636 | 11 | 0  | 647   | 59 | 641 | 1  | 0  | 701   | 1348   | 3  | 0  | 39 | 0  | 42    | 10 | 2  | 15 | 0  | 27    | 69        | 1417      |
| <b>EVNG Peak Hour Factor → 0.77</b> |    |     |    |    |       |    |     |    |    |       | <b>Highest Hourly Vehicle Volume Between 1900h &amp; 0000h</b> |    |    |    |    |       |    |    |    |    |       |           |           |
| EVNG Pk Hr                          | LT | ST  | RT | UT | Total | LT | ST  | RT | UT | Total | Str. Tot.  | LT | ST | RT | UT | Total | LT | ST | RT | UT | Total | Str. Tot. | Grd. Tot. |
| 1900-2000                           | 0  | 310 | 3  | 0  | 313   | 32 | 267 | 0  | 0  | 299   | 612  | 2  | 1  | 25 | 0  | 28    | 0  | 0  | 0  | 0  | 0     | 28        | 640       |

**Comments:**

Although the centreline and lane lines have been painted, at the time of this traffic count the directional arrows have not. Some westbound motorists turn left from the through lane or proceed straight in the left-turn lane ending up in the eastbound left-turn lane. Many motorists, primarily westbound were observed making last minute corrections in order to be in the correct lane.

**Notes:**

1. Includes all vehicle types except bicycles and electric scooters.
2. When expansion and AADT factors are applied, the results will differ slightly due to rounding.
3. Some 24 hour traffic counts may begin and end on different consecutive days (typically Tuesday, Wednesday or Thursday).