Roy Road between Interurban Road and Wilkinson Road October 22, 2022 to October 29, 2022

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This document contains: Overview Vehicle Volume Summary Vehicle Speed Summary

Vehicle Classification Summary



Roy Road between Interurban Road and Wilkinson Road

October 22, 2022 to October 29, 2022

| Metric | EB | WB | Combined |
|-----------------------------------|-----|-----|----------|
| Average Traffic Volume (weekdays) | 220 | 154 | 374 |
| Average Speed (km/h) | 27 | 24 | 26 |



 Start Date:
 2022-10-22

 Start Time:
 7:00:00 AM

 Station ID:
 R0946-01

| Location | Roy Road | | Between | Interurban Road | l and Wilkinson | n Road | | | | | | | | |
|-----------------|---------------------------|----------|---------|-----------------|-----------------|----------|-------------------|-------------------|----------------|----------|---------------------|--------------|---------------|--------|
| DATE: | October 2 | 24, 2022 | October | 25, 2022 | October | 26, 2022 | October 2 | 27, 2022 | October 2 | 28, 2022 | 1 | | | |
| | MC | ON | | TUE | V | VED | TH | URS | F | RI | | VK AVG | WK AVG | HOURLY |
| Time: | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | EB | WB | CH 1+2 | % |
| 12-1 AM | 1 | 1 | 5 | 1 | 3 | 1 | 5 | 6 | 3 | 1 | 3 | 2 | 5 | 1.4% |
| 1-2 AM | 11 | 4 | 14 | 7 | 12 | 4 | 11 | 9 | 9 | 4 | 11 | 6 | 17 | 4.5% |
| 2-3 AM | 20 | 9 | 34 | 23 | 18 | 12 | 26 | 17 | 16 | 8 | 23 | 14 | 37 | 9.8% |
| 3-4 AM | 18 | 8 | 26 | 7 | 14 | 9 | 11 | 10 | 12 | 4 | 16 | 8 | 24 | 6.4% |
| 4-5 AM | 18 | 7 | 20 | 7 | 20 | 12 | 13 | 7 | 11 | 11 | 16 | 9 | 25 | 6.7% |
| 5-6 AM | 10 | 8 | 16 | 11 | 11 | 10 | 13 | 10 | 8 | 19 | 12 | 12 | 23 | 6.2% |
| 6-7 AM | 22 | 15 | 26 | 15 | 20 | 15 | 19 | 12 | 12 | 22 | 20 | 16 | 36 | 9.5% |
| 7-8 AM | 19 | 14 | 16 | 7 | 16 | 11 | 19 | 15 | 16 | 14 | 17 | 12 | 29 | 7.9% |
| 8-9 AM | 18 | 16 | 15 | 20 | 19 | 22 | 17 | 11 | 10 | 14 | 16 | 17 | 32 | 8.7% |
| 9-10 AM | 23 | 13 | 14 | 11 | 19 | 13 | 20 | 11 | 10 | 14 | 17 | 12 | 30 | 7.9% |
| 10-11 AM | 17 | 13 | 14 | 5 | 18 | 10 | 17 | 11 | 11 | 16 | 15 | 11 | 26 | 7.1% |
| 11-12 PM | 13 | 7 | 15 | 5 | 23 | 10 | 14 | 15 | 14 | 11 | 16 | 10 | 25 | 6.8% |
| 12-1 PM | 4 | 11 | 15 | 8 | 24 | 3 | 11 | 6 | 15 | 7 | 14 | 7 | 21 | 5.6% |
| 1-2 PM | 8 | 4 | 13 | 2 | 9 | 3 | 4 | 7 | 5 | 9 | 8 | 5 | 13 | 3.4% |
| 2-3 PM | 6 | 4 | 3 | 8 | 11 | 6 | 3 | 6 | 4 | 7 | 5 | 6 | 12 | 3.1% |
| 3-4 PM | 4 | 5 | 3 | 1 | 7 | 4 | 1 | 12 | 4 | 3 | 4 | 5 | 9 | 2.4% |
| 4-5 PM | 0 | 1 | 4 | 2 | 3 | 1 | 3 | 1 | 2 | 2 | 2 | 1 | 4 | 1.0% |
| 5-6 PM | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 3 | 1 | 1 | 2 | 0.5% |
| 6-7 PM | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 0.3% |
| 7-8 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0.1% |
| 8-9 PM | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0.1% |
| 9-10 PM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 1 | 0.2% |
| 10-11 PM | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1% |
| 11-12 AM | 2 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 2 | 0.4% |
| LANES | 216 | 141 | 255 | 142 | 251 | 147 | 208 | 169 | 171 | 170 | 220 | 154 | 374 | 100.0% |
| TOTAL | 3 | | | 397 | | 398 | | 377 | | 41 | | 374 | | |
| | MC | | | TUE | V | VED | THURS FRI | | | WK AVG | | | | |
| | | PEAK H | | | | | TOTAL VEHIC | | | | | 2 HOUR PEAK | | |
| MAX. 7 - 9 a | m PEAK HOUR | | 32 🗀 | 8.7% | between | 8-9 AM | 114 | \Longrightarrow | 6 HR TOTAL | | | | M (7 - 9 AM) | |
| | | | | | | | | | | | | VEH / HR | VEH / 2HR | 2 HR % |
| MAX. 7 - 11 a | am PEAK HOUR | | 32 🗀 | 8.7% | between | 8-9 AM | 67 | \Box | 4 HR TOTAL | | 7-8 AM | 29 | | 16.5% |
| | | | | | | | | | | | 8-9 AM | 32 | | |
| MAX. 11 am | - 1 pm PEAK | | 25 🖒 | 6.8% | between | 11-12 PM | | | | | | | N (11 - 1 PM) | |
| | | | 25 🖒 | 2.20/ | | | 24 HOUR FAC | <u>rors</u> | | | 44 40 514 | VEH / HR | | 2 HR % |
| MAX. 11 am | - 3 pm PEAK | | 25 🦳 | 6.8% | between | 11-12 PM | | $\overline{}$ | 0.04.110.54.05 | | 11-12 PM | 25 | | 12.4% |
| MAY 4 C | MAY 4 0 - PEAKUOUR | | 4.00/ | hatusan | 4.5.014 | 3.29 | \Rightarrow | 6-24 HR FACT. | | 12-1 PM | 21 | | | |
| MAX. 4 - 6 pi | MAX. 4 - 6 pm PEAK HOUR 4 | | 1.0% | between | 4-5 PM | 5.55 | \Longrightarrow | 4-24 HR FACT. | | | Z HR PI VEH / HR | M (4 - 6 PM) | 2 HD 0/ | |
| MAY 2 6 | m DEAK HOUD | | 9 🖒 | 2.4% | hotwoor | 3-4 PM | 5.55 | | 4-24 HK FACT. | | 4-5 PM | | VEH / 2HR | 2 HR % |
| IVIAA. 3 - 6 PI | m PEAK HOUR | | a/ | 2.4% | between | 3-4 PIVI | | | | | 5-6 PM | 2 | | 1.5% |
| | | | | | | | 1 | | | | JO-O FIVI | | 4 | |

Vehicle Speed Summary

Count ID R0946-01

File Name Roy Road between Interurban Road and Wilkinson Road

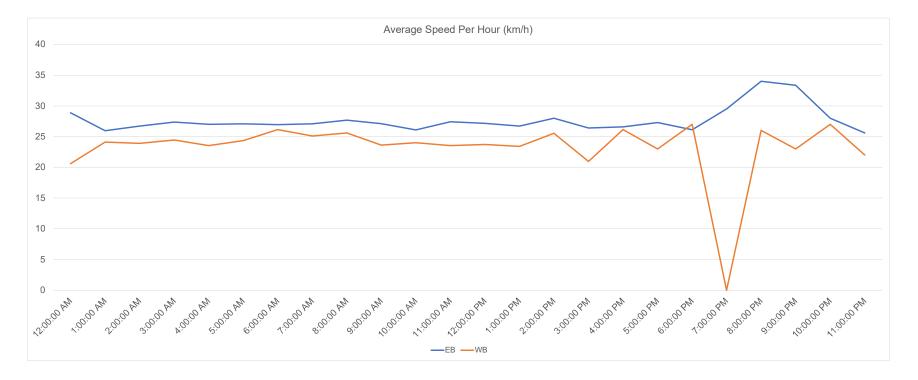
Dates: 2022-10-22 to 2022-10-29

Temperature 10 °C Precipitation 20 mm

| Bin Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Bin Speeds | 1-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-80 | 81-90 | 91-9999 |
| Count Total | 260 | 698 | 807 | 448 | 30 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Percent Total | 12% | 31% | 36% | 20% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

| Movements | Above 30 km/h | Above 40 km/h | Above 50 km/h |
|-----------|---------------|---------------|---------------|
| EB | 24% | 0% | 0% |
| WB | 17% | 0% | 0% |
| Combined | 22% | 0% | 0% |

| Movements | AVERAGE SPEED | 85th PERCENTILE SPEED | 95th PERCENTILE SPEED | | |
|-----------|---------------|-----------------------|-----------------------|--|--|
| EB | 27 km/h | 31 km/h | 34 km/h | | |
| WB | 24 km/h | 31 km/h | 34 km/h | | |
| Combined | 26 km/h | 31 km/h | 34 km/h | | |



Vehicle Classification Summary

Station ID R0946-01

Roy Road 2022-10-22 File Name between Interurban Road and Wilkinson Road

2022-10-29 Dates: to

| | Classification | | | | | | | |
|------------------------|----------------|-------------------------------|------------------------------|---------------|---------------------|---------|--|--|
| Movement | Motorcycle | Car & Light Goods Vehicles | Buses & Single Unit Truck | Trailer Truck | Multi-trailer truck | Total | | |
| EB | 217 | 1085 | 40 | 0 | 0 | 1342 | | |
| WB | 56 | 819 | 39 | 3 | 2 | 919 | | |
| Total | 273 | 1904 | 79 | 3 | 2 | 2261 | | |
| Percentage of Total | 12.07% | 84.21% | 3.49% | 0.13% | 0.09% | 100.00% | | |