

**GORGE RDW**  
**2023-01-27**

**between**  
**to**

**TILLICUM RD AND HARRIET RD**  
**2023-02-03**



The data presented here is for information purposes only and should not be considered authoritative for construction, geotechnical, engineering, navigational, legal, or other site-specific uses. Please note that small datasets may skew the calculation of the hourly 85th percentile speed.

The information shared is owned by the Transportation Division of the Engineering Department at the District of Saanich. Accuracy is not guaranteed.

This document contains:

Overview

Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary

## Overview

GORGE RDW  
2023-01-27

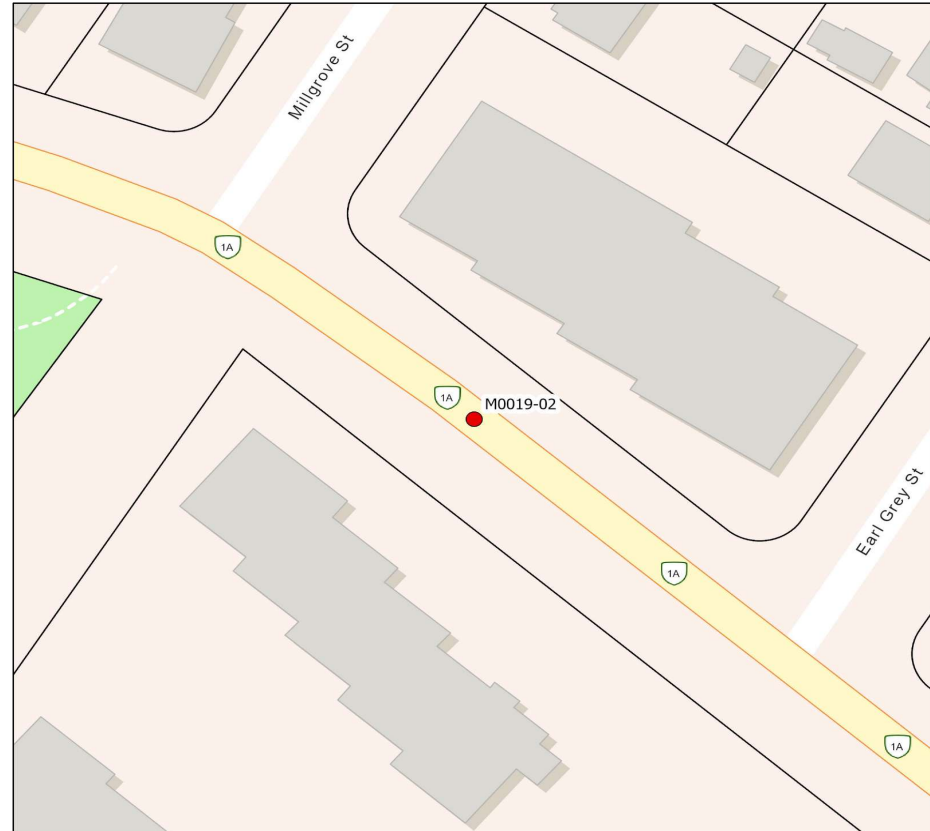
between  
to TILlicUM RD AND HARRIET RD  
2023-02-03



Location Map

| Metric                            | EB   | WB   | Combined |
|-----------------------------------|------|------|----------|
| Average Traffic Volume (weekdays) | 6657 | 5415 | 12072    |
| Average Speed (km/h)              | 49   | 48   | 48       |

| Weather Information | Value |
|---------------------|-------|
| Minimum Temperature | -2 °C |
| Maximum Temperature | 9 °C  |
| Total Precipitation | 4 mm  |



Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/1/2023

Checked by: A. McGill

Date: 5/2/2023

# Vehicle Volume Summary



Start Date: 2023-01-27  
 Start Time: 1:00 PM  
 Station ID: M0019-02

Location: GORGE RDW Between TILlicum RD AND HARRIET RD

\*Data collection started January 27, 2023 at 1:00 PM and ended February 3, 2023 at 1:00 PM

| DATE:                      | January 30, 2023 |             | January 31, 2023 |             | February 1, 2023 |               | February 2, 2023 |                   | Jan 27/Feb 3, 2023* |  | WK AVG       |             | WK AVG       | HOURLY        |
|----------------------------|------------------|-------------|------------------|-------------|------------------|---------------|------------------|-------------------|---------------------|--|--------------|-------------|--------------|---------------|
| Time:                      | EB               | WB          | EB               | WB          | EB               | WB            | EB               | WB                | EB                  | WB                                     | EB           | WB          | CH 1+2       | %             |
| 12-1 AM                    | 33               | 13          | 27               | 20          | 24               | 27            | 35               | 18                | 38                  | 24                                     | 31           | 20          | 52           | 0.4%          |
| 1-2 AM                     | 15               | 7           | 17               | 14          | 25               | 14            | 17               | 10                | 17                  | 15                                     | 19           | 12          | 31           | 0.3%          |
| 2-3 AM                     | 14               | 12          | 7                | 17          | 13               | 9             | 10               | 23                | 11                  | 20                                     | 11           | 16          | 27           | 0.2%          |
| 3-4 AM                     | 13               | 9           | 10               | 11          | 7                | 8             | 8                | 12                | 15                  | 11                                     | 11           | 10          | 21           | 0.2%          |
| 4-5 AM                     | 21               | 14          | 19               | 17          | 17               | 17            | 17               | 17                | 13                  | 25                                     | 17           | 18          | 35           | 0.3%          |
| 5-6 AM                     | 48               | 50          | 45               | 62          | 61               | 62            | 49               | 57                | 45                  | 44                                     | 50           | 55          | 105          | 0.9%          |
| 6-7 AM                     | 125              | 170         | 136              | 193         | 133              | 206           | 131              | 199               | 125                 | 186                                    | 130          | 191         | 321          | 2.7%          |
| 7-8 AM                     | 292              | 369         | 288              | 386         | 300              | 350           | 291              | 359               | 284                 | 327                                    | 291          | 358         | 649          | 5.4%          |
| 8-9 AM                     | 331              | 468         | 334              | 494         | 345              | 482           | 323              | 511               | 336                 | 459                                    | 334          | 483         | 817          | 6.8%          |
| 9-10 AM                    | 267              | 344         | 292              | 364         | 301              | 335           | 331              | 342               | 317                 | 368                                    | 302          | 351         | 652          | 5.4%          |
| 10-11 AM                   | 342              | 283         | 336              | 353         | 368              | 332           | 336              | 324               | 356                 | 343                                    | 348          | 327         | 675          | 5.6%          |
| 11-12 PM                   | 402              | 350         | 411              | 324         | 398              | 349           | 418              | 454               | 471                 | 372                                    | 420          | 370         | 790          | 6.5%          |
| 12-1 PM                    | 427              | 340         | 432              | 366         | 468              | 374           | 470              | 435               | 369                 | 306                                    | 433          | 364         | 797          | 6.6%          |
| 1-2 PM                     | 437              | 348         | 451              | 368         | 455              | 347           | 480              | 395               | 502                 | 350                                    | 465          | 362         | 827          | 6.8%          |
| 2-3 PM                     | 430              | 333         | 511              | 356         | 472              | 370           | 502              | 387               | 532                 | 390                                    | 489          | 367         | 857          | 7.1%          |
| 3-4 PM                     | 665              | 398         | 656              | 385         | 623              | 435           | 640              | 404               | 628                 | 420                                    | 642          | 408         | 1051         | 8.7%          |
| 4-5 PM                     | 744              | 364         | 728              | 438         | 760              | 455           | 709              | 423               | 673                 | 428                                    | 723          | 422         | 1144         | 9.5%          |
| 5-6 PM                     | 606              | 332         | 625              | 348         | 636              | 358           | 631              | 312               | 568                 | 343                                    | 613          | 339         | 952          | 7.9%          |
| 6-7 PM                     | 367              | 282         | 422              | 291         | 445              | 299           | 430              | 288               | 463                 | 319                                    | 425          | 296         | 721          | 6.0%          |
| 7-8 PM                     | 261              | 184         | 314              | 217         | 329              | 234           | 303              | 240               | 293                 | 226                                    | 300          | 220         | 520          | 4.3%          |
| 8-9 PM                     | 186              | 138         | 228              | 142         | 246              | 145           | 235              | 169               | 238                 | 148                                    | 227          | 148         | 375          | 3.1%          |
| 9-10 PM                    | 147              | 132         | 180              | 139         | 180              | 151           | 191              | 138               | 185                 | 125                                    | 177          | 137         | 314          | 2.6%          |
| 10-11 PM                   | 113              | 85          | 80               | 70          | 117              | 77            | 131              | 88                | 143                 | 115                                    | 117          | 87          | 204          | 1.7%          |
| 11-12 AM                   | 71               | 46          | 70               | 52          | 69               | 41            | 97               | 55                | 128                 | 75                                     | 87           | 54          | 141          | 1.2%          |
| <b>LANES</b>               | <b>6357</b>      | <b>5071</b> | <b>6602</b>      | <b>5427</b> | <b>6792</b>      | <b>5477</b>   | <b>6785</b>      | <b>5660</b>       | <b>6750</b>         | <b>5439</b>                            | <b>6661</b>  | <b>5415</b> | <b>12076</b> | <b>100.0%</b> |
| <b>TOTAL</b>               | <b>11428</b>     |             | <b>12029</b>     |             | <b>12269</b>     |               | <b>12445</b>     |                   | <b>12189</b>        |  | <b>12076</b> |             |              |               |
|                            | MON              |             | TUE              |             | WED              |               | THURS            |                   | FRI                 |  | WK AVG       |             |              |               |
| <b>MAX. 7 - 9 am PEAK</b>  | 817 ⇨            |             | 6.8%             | between     | 8-9 AM           | <b>5149</b> ⇨ |                  | <b>6 HR TOTAL</b> |                     | <b>2 HOUR PEAK INTERVALS</b>           |              |             |              |               |
| <b>MAX. 7 - 11 am PEAK</b> | 817 ⇨            |             | 6.8%             | between     | 8-9 AM           | <b>3562</b> ⇨ |                  | <b>4 HR TOTAL</b> |                     | <b>2 HR AM (7 - 9 AM)</b>              |              |             |              |               |
| <b>MAX. 11 am - 1 pm</b>   | 797 ⇨            |             | 6.6%             | between     | 12-1 PM          |               |                  |                   |                     | VEH / HR      VEH / 2HR      2 HR %    |              |             |              |               |
| <b>MAX. 11 am - 3 pm</b>   | 857 ⇨            |             | 7.1%             | between     | 2-3 PM           |               |                  |                   |                     | 7-8 AM      649      1466      12.1%   |              |             |              |               |
| <b>MAX. 4 - 6 pm PEAK</b>  | 1144 ⇨           |             | 9.5%             | between     | 4-5 PM           |               |                  |                   |                     | 8-9 AM      817                        |              |             |              |               |
| <b>MAX. 3 - 6 pm PEAK</b>  | 1144 ⇨           |             | 9.5%             | between     | 4-5 PM           |               |                  |                   |                     | <b>2 HR NOON (11 - 1 PM)</b>           |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | VEH / HR      VEH / 2HR      2 HR %    |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | 11-12 PM      790      1587      13.1% |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | 12-1 PM      797                       |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | <b>2 HR PM (4 - 6 PM)</b>              |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | VEH / HR      VEH / 2HR      2 HR %    |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | 4-5 PM      1144      2096      17.4%  |              |             |              |               |
|                            |                  |             |                  |             |                  |               |                  |                   |                     | 5-6 PM      952                        |              |             |              |               |

Data collected by: The Appian Way Traffic Data Services  
 Report produced by: G. Li  
 Date: 5/1/2023  
 Checked by: A. McGill  
 Date: 5/2/2023

# Vehicle Speed Summary

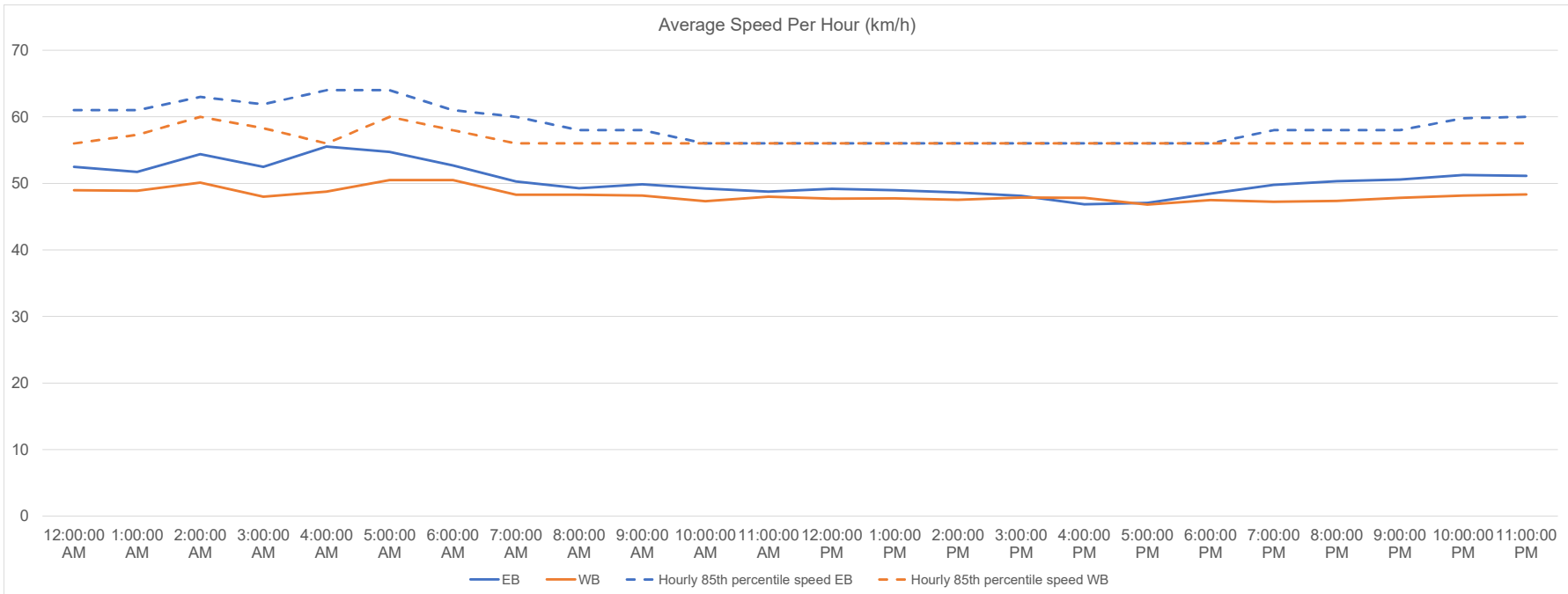


Station ID: M0019-02  
 Location: GORGE RDW between TILlicum RD AND HARRIET RD  
 Dates: 2023-01-27 to 2023-02-03

| 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   | 1928 | 657   | 1439  | 3770  | 6595  | 10578 | 22581 | 19462 | 11683 | 4024  | 1408  | 542   | 81    | 70      |
| Percent Total | 2%   | 1%    | 2%    | 4%    | 8%    | 12%   | 27%   | 23%   | 14%   | 5%    | 2%    | 1%    | 0%    | 0%      |

| Movements | Above 30 km/h | Above 40 km/h | Above 50 km/h |
|-----------|---------------|---------------|---------------|
| EB        | 96%           | 83%           | 46%           |
| WB        | 94%           | 83%           | 41%           |
| Combined  | 95%           | 83%           | 44%           |

| Movements | Average Speed | 85th Percentile Speed | 95th Percentile Speed |
|-----------|---------------|-----------------------|-----------------------|
| EB        | 49 km/h       | 56 km/h               | 63 km/h               |
| WB        | 48 km/h       | 56 km/h               | 63 km/h               |
| Combined  | 48 km/h       | 56 km/h               | 63 km/h               |



Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/1/2023

Checked by: A. McGill

Date: 5/2/2023

## Vehicle Class Summary



Station ID M0019-02  
 Location: GORGE RDW between TILlicum RD AND HARRIET RD  
 Dates: 2023-01-27 to 2023-02-03

| Classification | Motorcycle  | Car & Light Goods Vehicles | Buses & Single Unit Truck | Trailer Truck    | Multi-trailer truck |
|----------------|-------------|----------------------------|---------------------------|------------------|---------------------|
| Length         | 0m to 2.00m | 2.01m to 7.00m             | 7.00m to 15.20m           | 15.20m to 22.50m | 22.51m to 999m      |

| Movement            | Classification |                            |                           |               |                     | Total   |
|---------------------|----------------|----------------------------|---------------------------|---------------|---------------------|---------|
|                     | Motorcycle     | Car & Light Goods Vehicles | Buses & Single Unit Truck | Trailer Truck | Multi-trailer truck |         |
| EB                  | 3              | 40554                      | 5510                      | 267           | 53                  | 46387   |
| WB                  | 77             | 35955                      | 2289                      | 98            | 12                  | 38431   |
| Total               | 80             | 76509                      | 7799                      | 365           | 65                  | 84818   |
| Percentage of Total | 0.09%          | 90.20%                     | 9.19%                     | 0.43%         | 0.08%               | 100.00% |

Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/1/2023

Checked by: A. McGill

Date: 5/2/2023