

**BURNSIDE RD W
2023-02-25**

**between
to**

**HELMCKEN RD AND PROSPECT LAKE RD
2023-03-03**



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

BURNSIDE RD W
2023-02-25

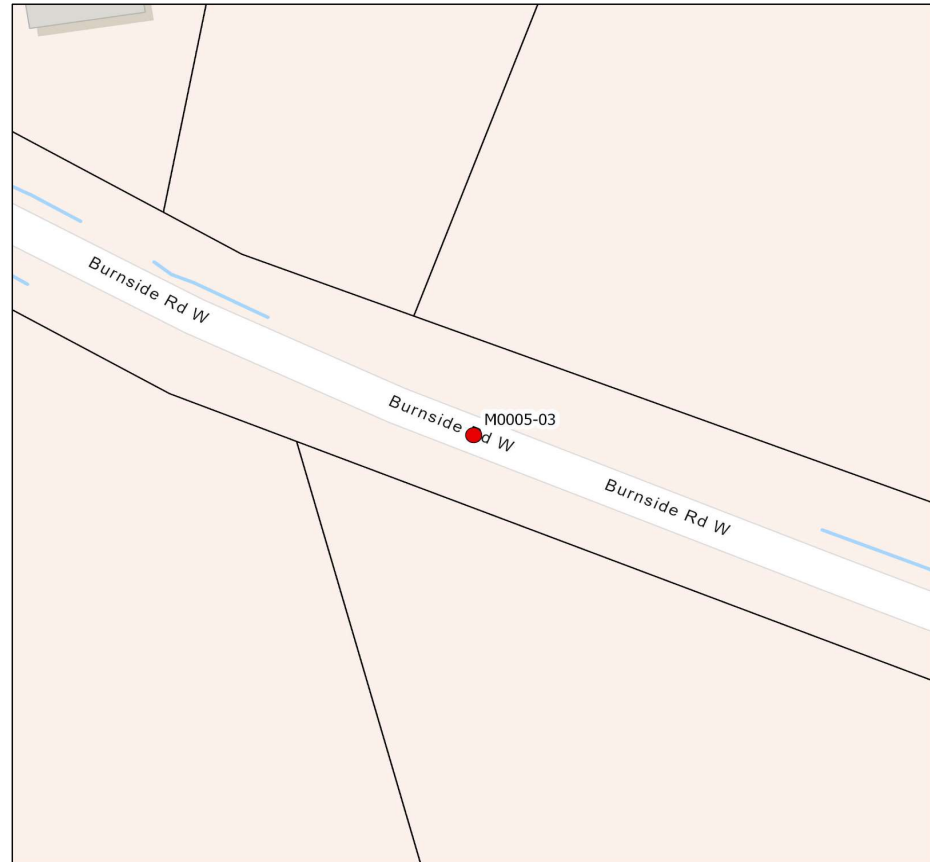
between HELMCKEN RD AND PROSPECT LAKE RD
to 2023-03-03



Location Map

Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	1640	1161	2801
Average Speed (km/h)	47	47	47

Weather Information	Value
Minimum Temperature	-3 °C
Maximum Temperature	8 °C
Total Precipitation	16 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: 2023-02-25
 Start Time: 12:00 AM
 Station ID: M0005-03

Location: **BURNSIDE RD W** Between **HELMCKEN RD AND PROSPECT LAKE RD**

DATE:	February 27, 2023		February 28, 2023		March 1, 2023		March 2, 2023		March 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	1	0	3	2	8	1	2	8	2	11	3	4	8	0.3%		
1-2 AM	0	0	0	1	2	2	2	1	6	2	2	1	3	0.1%		
2-3 AM	2	1	1	3	2	0	1	2	0	0	1	1	2	0.1%		
3-4 AM	1	0	0	0	0	1	0	2	0	0	0	1	1	0.0%		
4-5 AM	0	0	2	0	0	1	2	1	1	1	1	1	2	0.1%		
5-6 AM	10	2	7	1	13	3	10	2	15	6	11	3	14	0.5%		
6-7 AM	65	10	38	5	58	12	61	12	71	11	59	10	69	2.4%		
7-8 AM	317	26	110	20	317	48	332	37	259	30	267	32	299	10.7%		
8-9 AM	321	57	104	31	478	72	419	73	297	72	324	61	385	13.7%		
9-10 AM	106	71	61	30	149	69	133	75	110	83	112	66	177	6.3%		
10-11 AM	54	44	48	40	100	60	85	54	88	63	75	52	127	4.5%		
11-12 PM	75	66	73	44	84	54	100	82	98	64	86	62	148	5.3%		
12-1 PM	80	64	71	48	92	83	81	69	96	89	84	71	155	5.5%		
1-2 PM	68	57	63	45	71	71	88	79	104	92	79	69	148	5.3%		
2-3 PM	92	79	74	62	102	112	105	94	126	120	100	93	193	6.9%		
3-4 PM	83	120	83	99	128	166	120	174	130	170	109	146	255	9.1%		
4-5 PM	79	131	94	107	138	207	146	239	132	170	118	171	289	10.3%		
5-6 PM	57	107	60	103	105	169	108	229	96	138	85	149	234	8.4%		
6-7 PM	32	43	45	49	54	74	52	72	69	66	50	61	111	4.0%		
7-8 PM	28	39	28	32	20	43	19	38	33	27	26	36	61	2.2%		
8-9 PM	14	15	17	23	15	27	21	31	28	39	19	27	46	1.6%		
9-10 PM	11	18	15	16	22	27	9	26	23	32	16	24	40	1.4%		
10-11 PM	8	15	9	11	7	11	12	10	11	19	9	13	23	0.8%		
11-12 AM	4	2	6	8	7	6	1	1	6	22	5	8	13	0.4%		
LANES	1508	967	1012	780	1972	1319	1909	1411	1801	1327	1640	1161	2801	100.0%		
TOTAL	2475		1792		3291		3320		3128		2801					
	MON		TUE		WED		THURS		FRI		WK AVG					
MAX. 7 - 9 am PEAK	385 ⇨		13.7%		between	8-9 AM	1510 ⇨		6 HR TOTAL		2 HOUR PEAK INTERVALS					
MAX. 7 - 11 am PEAK	385 ⇨		13.7%		between	8-9 AM	1207 ⇨		4 HR TOTAL		7-8 AM	299		VEH / 2HR	684	2 HR %
MAX. 11 am - 1 pm	155 ⇨		5.5%		between	12-1 PM					8-9 AM	385				
MAX. 11 am - 3 pm	193 ⇨		6.9%		between	2-3 PM					2 HR NOON (11 - 1 PM)					
MAX. 4 - 6 pm PEAK	289 ⇨		10.3%		between	4-5 PM					11-12 PM	148		VEH / HR	303	2 HR %
MAX. 3 - 6 pm PEAK	289 ⇨		10.3%		between	4-5 PM					12-1 PM	155				
							24 HOUR FACTORS				2 HR PM (4 - 6 PM)					
							1.86 ⇨		6-24 HR FACT.		4-5 PM	289		VEH / 2HR	523	2 HR %
							2.32 ⇨		4-24 HR FACT.		5-6 PM	234				

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: M0005-03
 Location: BURNSIDE RD W between HELMCKEN RD AND PROSPECT LAKE RD
 Dates: 2023-02-25 to 2023-03-03

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	19	23	80	545	2266	3804	6131	3206	1085	260	65	23	0	6
Percent Total	0%	0%	0%	3%	13%	22%	35%	18%	6%	1%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	99%	83%	26%
WB	99%	84%	27%
Combined	99%	83%	27%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	47 km/h	53 km/h	58 km/h
WB	47 km/h	53 km/h	56 km/h
Combined	47 km/h	53 km/h	56 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 M0005-03
 Location: BURNSIDE RD W between HELMCKEN RD AND PROSPECT LAKE RD
 Dates: 2023-02-25 to 2023-03-03

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	97	9874	102	1	0	10074
WB	171	7171	98	3	0	7443
Total	268	17045	200	4	0	17517
Percentage of Total	1.53%	97.31%	1.14%	0.02%	0.00%	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