

**HELMCKEN RD  
2023-01-27**

**between  
to**

**LIDGATE COURT AND BLUE RIDGE PL  
2023-02-02**



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.

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Vehicle Classification Summary

## Overview

HELMCKEN RD  
2023-01-27

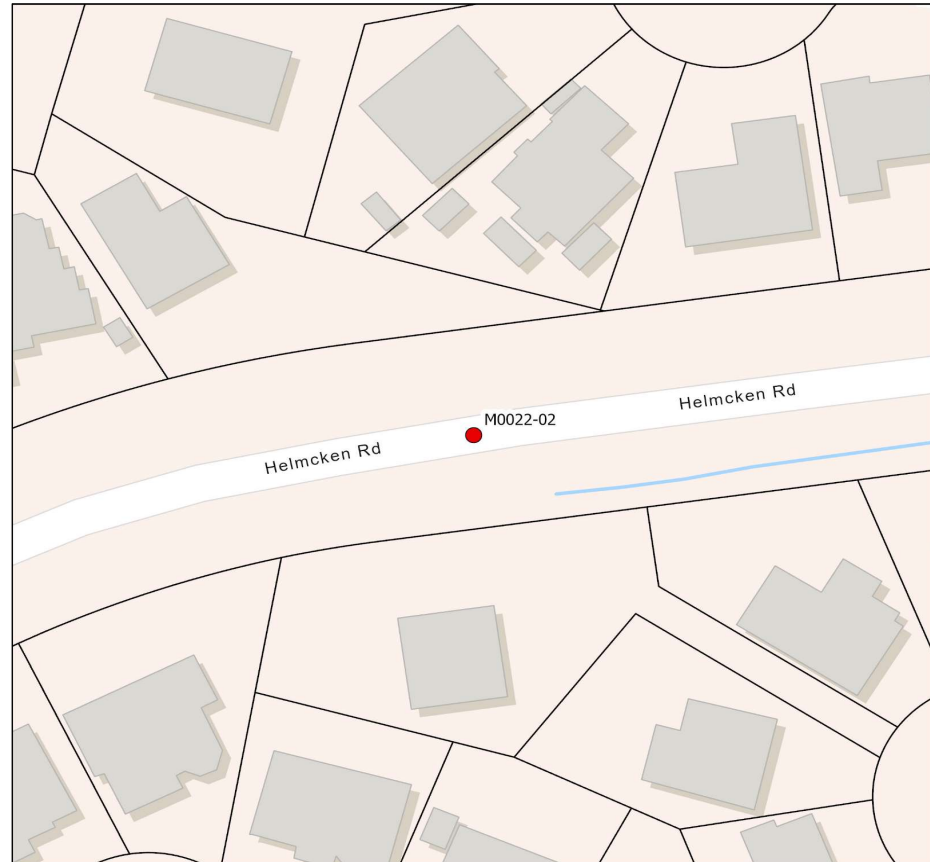
between  
to LIDGATE COURT AND BLUE RIDGE PL  
2023-02-02



Metric	NB	SB	Combined
Average Traffic Volume (weekdays)	7285	7787	15072
Average Speed (km/h)	52	50	51

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

Location Map



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: 12:00 AM  
 Station ID: M0022-02

Location: HELMCKEN RD Between LIDGATE COURT AND BLUE RIDGE PL \* Data collection started Friday, January 27, 2023 at 12:00 AM and ended February 3, 2023 at 12:00 AM

DATE:	January 30, 2023		January 31, 2023		February 1, 2023		February 2, 2023		January 27, 2023*		WK AVG		WK AVG	HOURLY	
	MON		TUE		WED		THURS		FRI		NB	SB	CH 1+2	%	
Time:	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB	NB	SB			
12-1 AM	22	26	22	35	22	32	19	33	21	25	21	30	51	0.3%	
1-2 AM	13	11	14	18	12	20	9	16	22	13	14	16	30	0.2%	
2-3 AM	15	6	14	12	15	13	14	9	12	11	14	10	24	0.2%	
3-4 AM	12	4	10	6	16	4	23	11	23	11	17	7	24	0.2%	
4-5 AM	37	22	31	20	49	22	54	23	36	19	41	21	63	0.4%	
5-6 AM	117	46	109	52	126	60	126	55	106	58	117	54	171	1.1%	
6-7 AM	414	194	400	187	404	224	422	202	411	188	410	199	609	4.0%	
7-8 AM	457	393	644	391	661	398	546	443	611	416	584	408	992	6.6%	
8-9 AM	356	436	454	418	395	504	504	489	501	463	442	462	904	6.0%	
9-10 AM	461	462	469	466	504	501	532	525	505	503	494	491	986	6.5%	
10-11 AM	422	470	472	468	473	540	540	505	500	582	481	513	994	6.6%	
11-12 PM	468	492	454	485	527	500	529	591	507	599	497	533	1030	6.8%	
12-1 PM	513	558	469	526	545	590	534	614	528	586	518	575	1093	7.2%	
1-2 PM	487	530	452	559	525	628	559	589	516	604	508	582	1090	7.2%	
2-3 PM	489	619	483	591	509	691	502	626	490	641	495	634	1128	7.5%	
3-4 PM	508	658	477	653	512	641	447	651	498	663	488	653	1142	7.6%	
4-5 PM	492	586	475	557	492	566	410	574	484	569	471	570	1041	6.9%	
5-6 PM	424	575	404	565	416	573	384	584	461	526	418	565	982	6.5%	
6-7 PM	362	386	388	451	376	484	402	479	396	473	385	455	839	5.6%	
7-8 PM	319	281	300	312	318	360	291	294	312	383	308	326	634	4.2%	
8-9 PM	200	245	232	249	224	262	229	275	258	250	229	256	485	3.2%	
9-10 PM	135	162	147	188	173	227	168	225	192	255	163	211	374	2.5%	
10-11 PM	96	127	92	121	103	125	89	144	146	158	105	135	240	1.6%	
11-12 AM	50	70	64	75	68	70	72	82	76	100	66	79	145	1.0%	
<b>LANES</b>	<b>6869</b>	<b>7359</b>	<b>7076</b>	<b>7405</b>	<b>7465</b>	<b>8035</b>	<b>7405</b>	<b>8039</b>	<b>7612</b>	<b>8096</b>	<b>7285</b>	<b>7787</b>	<b>15072</b>	<b>100.0%</b>	
<b>TOTAL</b>	<b>14228</b>		<b>14481</b>		<b>15500</b>		<b>15444</b>		<b>15708</b>		<b>15072</b>				
	MON		TUE		WED		THURS		FRI		WK AVG				
<b>MAX. 7 - 9 am PEAK</b>	992 ⇨		6.6%		between 7-8 AM		<b>6042</b> ⇨		<b>6 HR TOTAL</b>		<b>2 HOUR PEAK INTERVALS</b>				
<b>MAX. 7 - 11 am PEAK</b>	994 ⇨		6.6%		between 10-11 AM		<b>3919</b> ⇨		<b>4 HR TOTAL</b>		<b>2 HR AM (7 - 9 AM)</b>				
<b>MAX. 11 am - 1 pm</b>	1093 ⇨		7.2%		between 12-1 PM						VEH / HR      VEH / 2HR      2 HR %				
<b>MAX. 11 am - 3 pm</b>	1128 ⇨		7.5%		between 2-3 PM						7-8 AM      992      1896      12.6%				
<b>MAX. 4 - 6 pm PEAK</b>	1041 ⇨		6.9%		between 4-5 PM						8-9 AM      904				
<b>MAX. 3 - 6 pm PEAK</b>	1142 ⇨		7.6%		between 3-4 PM						<b>2 HR NOON (11 - 1 PM)</b>				
							<b>24 HOUR FACTORS</b>				VEH / HR      2 HR %				
							<b>2.49</b> ⇨		<b>6-24 HR FACT.</b>		11-12 PM      1030      2123      14.1%				
							<b>3.85</b> ⇨		<b>4-24 HR FACT.</b>		12-1 PM      1093				
											<b>2 HR PM (4 - 6 PM)</b>				
											VEH / HR      VEH / 2HR      2 HR %				
											4-5 PM      1041      2023      13.4%				
											5-6 PM      982				

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

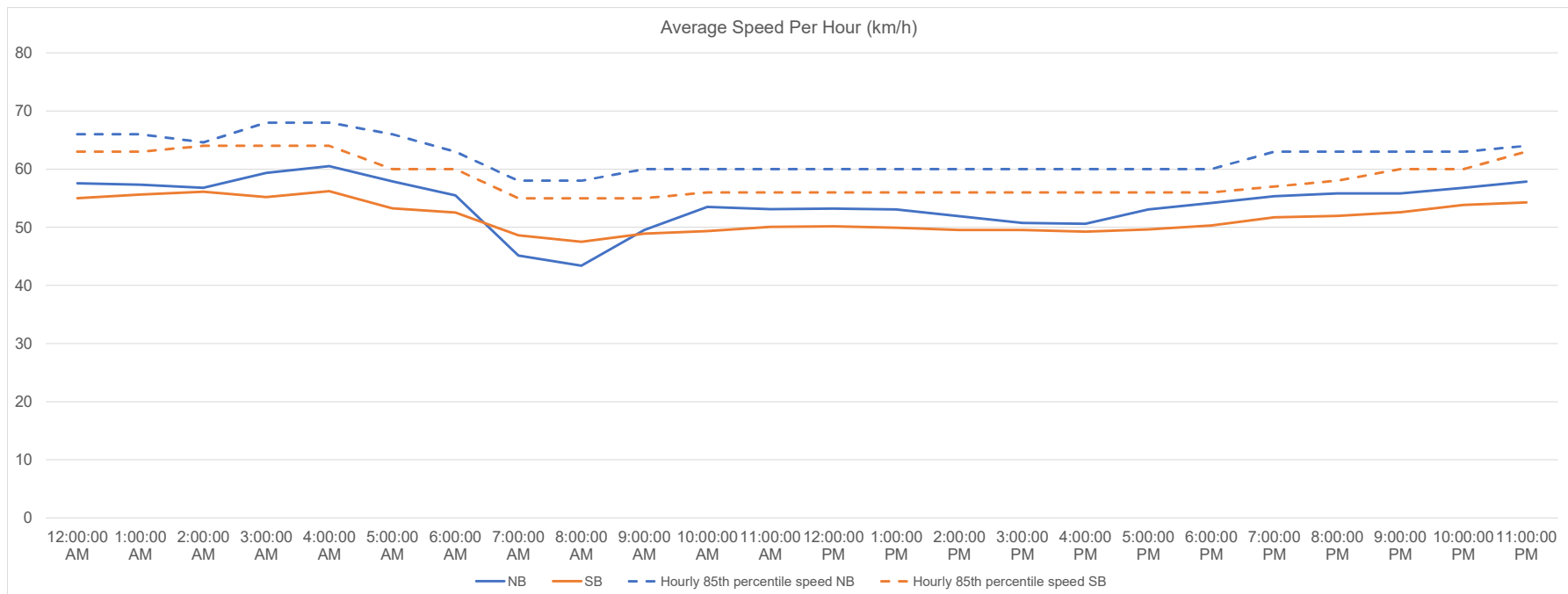


Station ID: M0022-02  
 Location: HELMCKEN RD between LIDGATE COURT AND BLUE RIDGE PL  
 Dates: 2023-01-27 to 2023-02-02

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	1668	493	496	1565	4675	9751	25794	28031	20094	7030	2074	595	33	18
Percent Total	2%	0%	0%	2%	5%	10%	25%	27%	20%	7%	2%	1%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
NB	95%	91%	67%
SB	99%	92%	47%
Combined	97%	91%	57%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
NB	52 km/h	60 km/h	64 km/h
SB	50 km/h	56 km/h	61 km/h
Combined	51 km/h	60 km/h	63 km/h



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## Vehicle Class Summary



Station ID M0022-02  
 Location: HELMCKEN RD between LIDGATE COURT AND BLUE RIDGE PL  
 Dates: 2023-01-27 to 2023-02-02

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	
NB	115	48494	1145	19	0	49773
SB	174	51351	995	23	1	52544
Total	289	99845	2140	42	1	102317
Percentage of Total	0.28%	97.58%	2.09%	0.04%	0.00%	100.00%

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