

DOUGLAS ST
February 22, 2025

between
to

MCKENZIE AVE AND ROGERS AVE
February 28, 2025



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

DOUGLAS ST
February 22, 2025

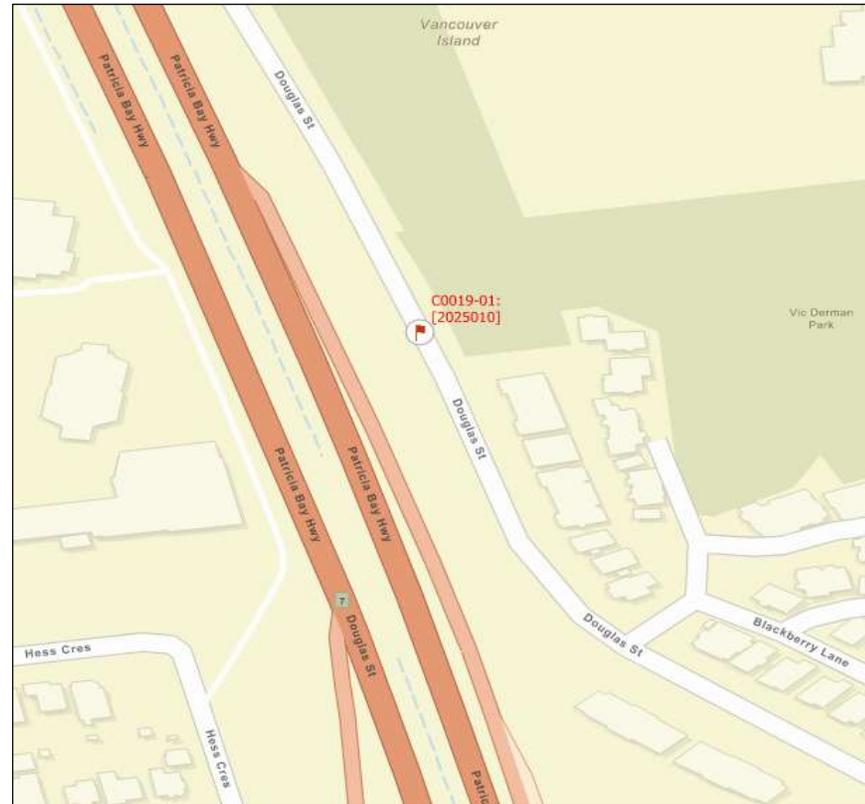
between
to
MCKENZIE AVE AND ROGERS AVE
February 28, 2025



Location Map

Metric	NB	SB	Combined
Average Traffic Volume (weekdays)	1451	1508	2960
Average Speed (km/h)	60	56	58

Weather Information	Value
Minimum Temperature	5 °C
Maximum Temperature	12 °C
Total Precipitation	14 mm



Vehicle Volume Summary



Start Date: 2/22/2025
 Start Time: 12:00 AM
 Station ID: C0019-01

Location: DOUGLAS ST Between MCKENZIE AVE AND ROGERS AVE

DATE:	February 24, 2025		February 25, 2025		February 26, 2025		February 27, 2025		February 28, 2025		WK AVG		WK AVG	HOURLY										
Time:	MON	SB	TUE	SB	WED	SB	THURS	SB	FRI	SB	NB	SB	CH 1+2	%										
12-1 AM	8	5	11	7	9	7	7	1	7	5	8	5	13	0.5%										
1-2 AM	3	1	4	0	2	2	5	4	2	6	3	3	6	0.2%										
2-3 AM	3	1	2	7	3	0	6	1	2	2	3	2	5	0.2%										
3-4 AM	3	1	4	1	6	1	4	6	4	1	4	2	6	0.2%										
4-5 AM	1	9	2	8	3	12	5	8	7	12	4	10	13	0.5%										
5-6 AM	5	22	10	27	9	29	9	30	8	31	8	28	36	1.2%										
6-7 AM	27	59	23	68	24	68	26	55	27	43	25	59	84	2.8%										
7-8 AM	55	104	42	114	45	107	75	138	56	118	55	116	171	5.8%										
8-9 AM	124	155	162	170	160	159	145	169	139	170	146	165	311	10.5%										
9-10 AM	55	88	70	103	47	87	73	82	63	94	62	91	152	5.1%										
10-11 AM	54	74	56	65	61	77	52	82	63	87	57	77	134	4.5%										
11-12 PM	70	86	69	76	66	78	82	74	70	71	71	77	148	5.0%										
12-1 PM	70	90	88	72	101	97	84	85	83	110	85	91	176	5.9%										
1-2 PM	82	96	84	81	92	97	83	89	85	82	85	89	174	5.9%										
2-3 PM	117	135	114	114	113	129	114	125	126	123	117	125	242	8.2%										
3-4 PM	131	101	141	100	152	108	131	116	128	111	137	107	244	8.2%										
4-5 PM	134	225	125	100	158	101	141	103	166	113	145	128	273	9.2%										
5-6 PM	130	144	123	97	127	96	124	78	108	103	122	104	226	7.6%										
6-7 PM	88	81	91	77	89	80	78	101	86	67	86	81	168	5.7%										
7-8 PM	57	47	74	44	70	58	82	56	79	51	72	51	124	4.2%										
8-9 PM	55	34	53	39	75	55	64	49	65	53	62	46	108	3.7%										
9-10 PM	44	27	36	30	46	26	58	28	52	30	47	28	75	2.5%										
10-11 PM	30	25	24	8	23	10	25	14	23	17	25	15	40	1.3%										
11-12 AM	17	9	14	7	24	14	18	5	27	11	20	9	29	1.0%										
LANES	1363	1619	1422	1415	1505	1498	1491	1499	1476	1511	1451	1508	2960	100.0%										
TOTAL	2982		2837		3003		2990		2987		2960													
	MON		TUE		WED		THURS		FRI		WK AVG													
MAX. 7 - 9 am PEAK	311 ⇨		10.5%	between	8-9 AM	TOTAL VEHICLES-PEAK PERIODS		1305 ⇨ 6 HR TOTAL		2 HOUR PEAK INTERVALS														
MAX. 7 - 11 am PEAK	311 ⇨		10.5%	between	8-9 AM	981 ⇨ 4 HR TOTAL		<table border="0"> <tr> <td></td> <td>VEH / HR</td> <td>VEH / 2HR</td> <td>2 HR %</td> </tr> <tr> <td>7-8 AM</td> <td>171</td> <td>481</td> <td>16.3%</td> </tr> <tr> <td>8-9 AM</td> <td>311</td> <td></td> <td></td> </tr> </table>						VEH / HR	VEH / 2HR	2 HR %	7-8 AM	171	481	16.3%	8-9 AM	311		
	VEH / HR	VEH / 2HR	2 HR %																					
7-8 AM	171	481	16.3%																					
8-9 AM	311																							
MAX. 11 am - 1 pm PEAK	176 ⇨		5.9%	between	12-1 PM	24 HOUR FACTORS		2.27 ⇨ 6-24 HR FACT.		2 HR NOON (11 - 1 PM)														
MAX. 11 am - 3 pm PEAK	242 ⇨		8.2%	between	2-3 PM	3.02 ⇨ 4-24 HR FACT.		<table border="0"> <tr> <td></td> <td>VEH / HR</td> <td>VEH / 2HR</td> <td>2 HR %</td> </tr> <tr> <td>11-12 PM</td> <td>148</td> <td>324</td> <td>11.0%</td> </tr> <tr> <td>12-1 PM</td> <td>176</td> <td></td> <td></td> </tr> </table>						VEH / HR	VEH / 2HR	2 HR %	11-12 PM	148	324	11.0%	12-1 PM	176		
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11-12 PM	148	324	11.0%																					
12-1 PM	176																							
MAX. 4 - 6 pm PEAK	273 ⇨		9.2%	between	4-5 PM	2 HR PM (4 - 6 PM)																		
MAX. 3 - 6 pm PEAK	273 ⇨		9.2%	between	4-5 PM	<table border="0"> <tr> <td></td> <td>VEH / HR</td> <td>VEH / 2HR</td> <td>2 HR %</td> </tr> <tr> <td>4-5 PM</td> <td>273</td> <td>499</td> <td>16.9%</td> </tr> <tr> <td>5-6 PM</td> <td>226</td> <td></td> <td></td> </tr> </table>						VEH / HR	VEH / 2HR	2 HR %	4-5 PM	273	499	16.9%	5-6 PM	226				
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Data collected by: McElhanney
 Report produced by: B. Hamm
 Date: 5/23/2025
 Checked by: A. McGill
 Date: 5/23/2025

Vehicle Speed Summary

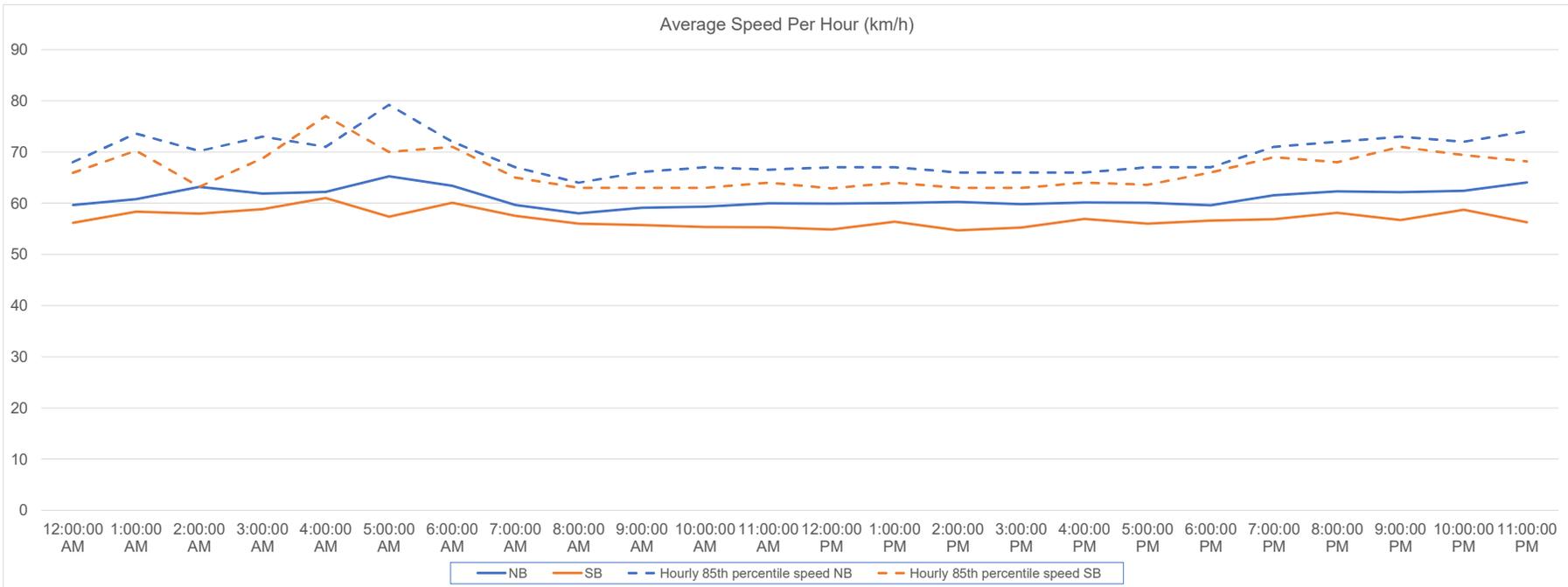


Station ID: C0019-01
 Location: DOUGLAS ST between MCKENZIE AVE AND ROGERS AVE
 Dates: 2/22/2025 to 2/28/2025

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	26	25	28	93	282	633	1835	3821	5147	3711	1878	999	172	53
Percent Total	0%	0%	0%	0%	2%	3%	10%	20%	28%	20%	10%	5%	1%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
NB	100%	98%	92%
SB	100%	97%	77%
Combined	100%	98%	84%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
NB	60 km/h	67 km/h	73 km/h
SB	56 km/h	64 km/h	70 km/h
Combined	58 km/h	66 km/h	72 km/h



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Vehicle Class Summary



Station ID C0019-01
 Location: DOUGLAS ST between MCKENZIE AVE AND ROGERS AVE
 Dates: 2/22/2025 to 2/28/2025

Classification	Motorcycle	Car & Light Goods Vehicles	Single Unit Truck	Buses	Multi-trailer truck
Length	0m to 2.30m	4.00m to 6.90m	6.00m to 10.50m	9.50m to 13.70m	9.50m to 23.70m

Movement	Classification					Total
	Motorcycle	Car & Light Goods Vehicles	Single Unit Truck	Buses	Multi-trailer truck	
NB	93	8959	250	55	17	9374
SB	71	9418	256	33	17	9795
Total	164	18377	506	88	34	19169
Percentage of Total	0.86%	95.87%	2.64%	0.46%	0.18%	100.00%