

EMILY CARR DR
October 6, 2024

between
to

CHATTERTON WAY AND THISTLEWOOD DR
October 12, 2024



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

EMILY CARR DR
October 6, 2024

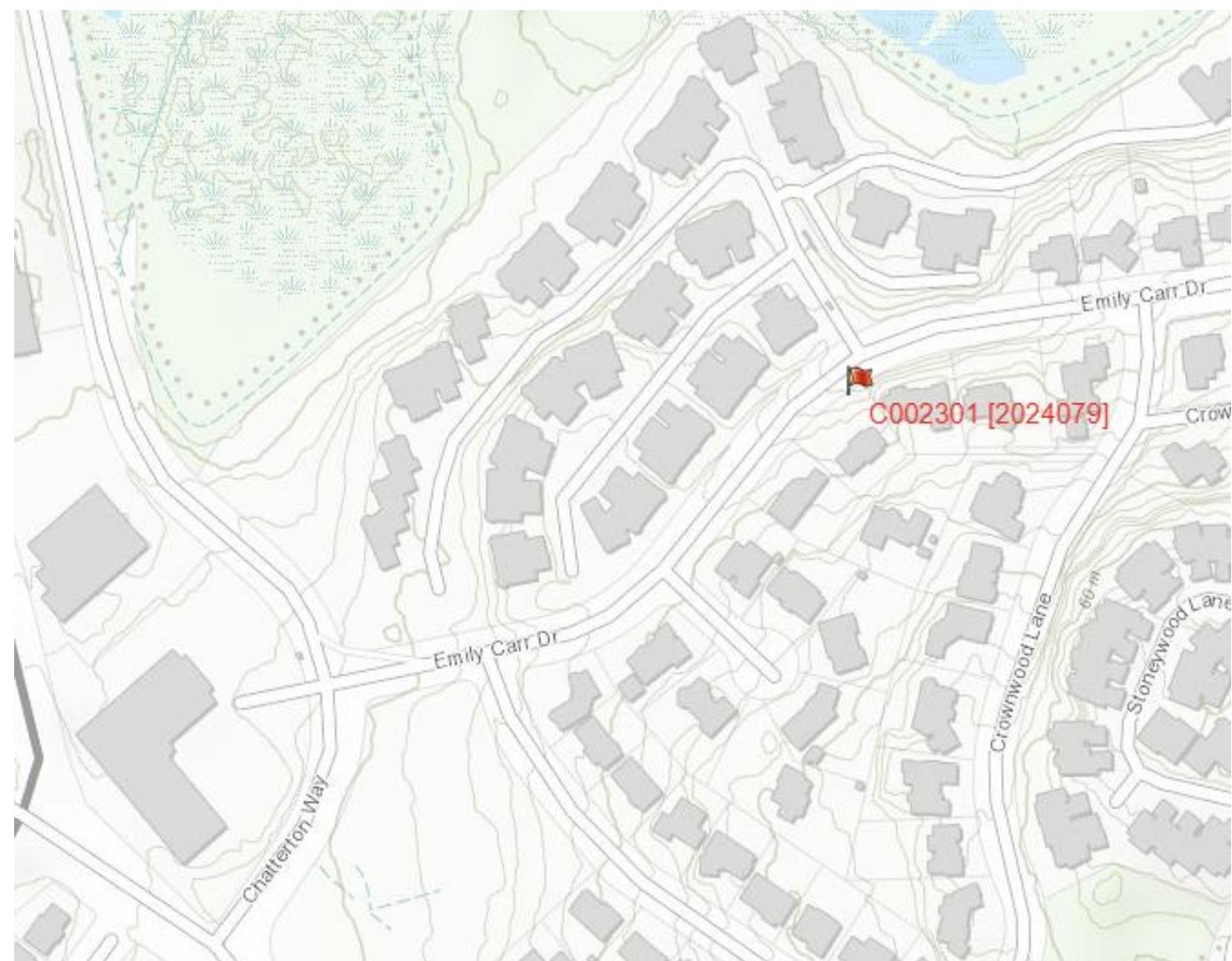
between CHATTERTON WAY AND THISTLEWOOD DR
to October 12, 2024



Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	1560	1388	2948
Average Speed (km/h)	50	53	51

Weather Information	Value
Minimum Temperature	7 °C
Maximum Temperature	15 °C
Total Precipitation	7 mm

Location Map



Vehicle Volume Summary



Start Date: 10/6/2024
 Start Time: 12:00 AM
 Station ID: C0023-01

Location: EMILY CARR DR Between CHATTERTON WAY AND THISTLEWOOD DR

DATE:	October 7, 2024		October 8, 2024		October 9, 2024		October 10, 2024		October 11, 2024		WK AVG		WK AVG	HOURLY	
	MON		TUE		WED		THURS		FRI		EB	WB	CH 1+2	%	
	Time:	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	CH 1+2	%
12-1 AM	1	2	5	0	1	3	2	2	4	2	3	2	4	4	0.1%
1-2 AM	1	0	1	1	0	0	2	1	1	2	1	1	2	2	0.1%
2-3 AM	0	0	0	0	0	0	0	1	1	2	0	1	1	1	0.0%
3-4 AM	3	2	1	3	1	2	0	1	0	1	1	2	3	3	0.1%
4-5 AM	2	4	0	5	1	3	2	3	0	3	1	4	5	5	0.2%
5-6 AM	1	7	4	11	1	8	2	8	3	9	2	9	11	11	0.4%
6-7 AM	6	26	4	28	0	39	4	30	6	28	4	30	34	34	1.2%
7-8 AM	36	76	31	90	39	100	51	76	49	74	41	83	124	124	4.2%
8-9 AM	99	132	123	169	98	147	92	169	101	141	103	152	254	254	8.6%
9-10 AM	75	111	86	127	83	106	81	112	98	112	85	114	198	198	6.7%
10-11 AM	94	84	100	85	91	99	107	94	85	99	95	92	188	188	6.4%
11-12 PM	98	97	103	86	110	99	127	99	121	96	112	95	207	207	7.0%
12-1 PM	109	97	127	99	124	103	116	92	138	100	123	98	221	221	7.5%
1-2 PM	103	85	107	108	112	97	138	98	120	101	116	98	214	214	7.3%
2-3 PM	135	107	142	101	157	132	161	101	154	126	150	113	263	263	8.9%
3-4 PM	165	115	148	116	154	129	165	138	169	145	160	129	289	289	9.8%
4-5 PM	170	92	162	110	165	90	152	81	180	98	166	94	260	260	8.8%
5-6 PM	133	88	148	88	168	99	179	84	144	80	154	88	242	242	8.2%
6-7 PM	93	77	97	78	101	81	107	94	99	71	99	80	180	180	6.1%
7-8 PM	32	45	48	32	53	36	55	55	43	27	46	39	85	85	2.9%
8-9 PM	44	18	47	19	51	27	43	38	28	31	43	27	69	69	2.3%
9-10 PM	23	17	30	24	42	18	24	19	32	25	30	21	51	51	1.7%
10-11 PM	11	7	15	8	13	6	16	16	25	19	16	11	27	27	0.9%
11-12 AM	9	3	7	8	9	5	7	6	12	15	9	7	16	16	0.5%
LANES	1443	1292	1536	1396	1574	1429	1633	1418	1613	1407	1560	1388	2948	2948	100.0%
TOTAL	2735		2932		3003		3051		3020		2948				
	MON		TUE		WED		THURS		FRI				WK AVG		
<u>PEAK HOUR</u>															
MAX. 7 - 9 am PEAK HOUR		254	➡	8.6%	between	8-9 AM	<u>TOTAL VEHICLES-PEAK PERIODS</u>			<u>2 HOUR PEAK INTERVALS</u>					
							1309	➡	6 HR TOTAL	<u>2 HR AM (7 - 9 AM)</u>					
MAX. 7 - 11 am PEAK HOUR		254	➡	8.6%	between	8-9 AM	881	➡	4 HR TOTAL	7-8 AM	124	379	254	12.8%	
MAX. 11 am - 1 pm PEAK		221	➡	7.5%	between	12-1 PM	<u>24 HOUR FACTORS</u>			<u>2 HR NOON (11 - 1 PM)</u>					
MAX. 11 am - 3 pm PEAK		263	➡	8.9%	between	2-3 PM	2.25	➡	6-24 HR FACT.	11-12 PM	207	428	221	14.5%	
MAX. 4 - 6 pm PEAK HOUR		260	➡	8.8%	between	4-5 PM	3.35	➡	4-24 HR FACT.	<u>2 HR PM (4 - 6 PM)</u>					
MAX. 3 - 6 pm PEAK HOUR		289	➡	9.8%	between	3-4 PM	4.5	➡	1-24 HR FACT.	4-5 PM	260	502	242	17.0%	

Vehicle Speed Summary

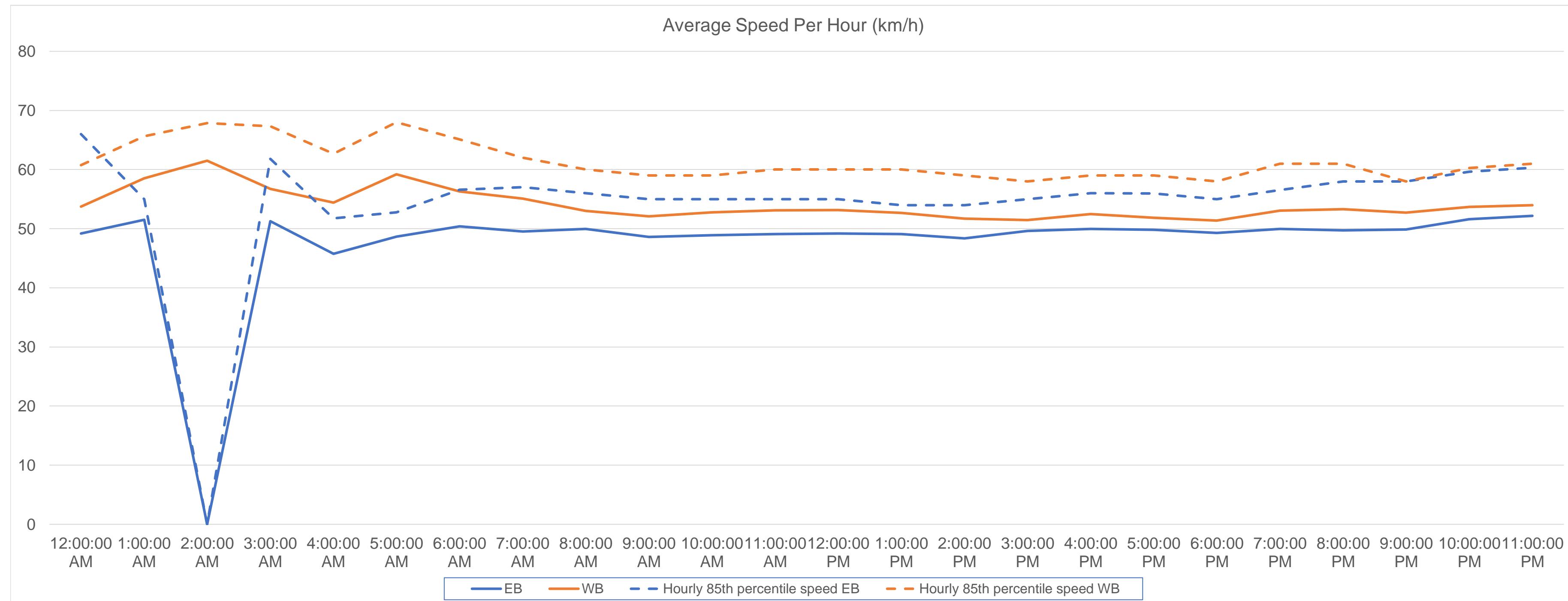


Station ID: C0023-01
 Location: EMILY CARR DR between CHATTERTON WAY AND THISTLEWOOD DR
 Dates: 10/6/2024 to 10/12/2024

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	34	17	36	137	624	2467	5228	5365	2865	1015	299	87	8	7
Percent Total	0%	0%	0%	1%	3%	14%	29%	29%	16%	6%	2%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	99%	94%	44%
WB	100%	96%	63%
Combined	100%	95%	53%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	50 km/h	55 km/h	59 km/h
WB	53 km/h	60 km/h	64 km/h
Combined	51 km/h	58 km/h	62 km/h



Vehicle Class Summary

Station ID: C0023-01
Location: EMILY CARR DR
Dates: 10/6/2024

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	
EB	3	9940	92	162	8	10205
WB	17	8904	73	174	3	9171
Total	20	18844	165	336	11	19376
Percentage of Total	0.10%	97.25%	0.85%	1.73%	0.06%	100.00%