

## Vehicle Speed Summary

**SAANICH RD**  
**2023-02-02**

between  
to

**DOUGLAS ST AND OAK ST**  
**2023-02-10**



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

**Data collected by:** The Appian Way Traffic Data Services

**Report produced by:** G. Li

**Date:** 5/30/2023

**Checked by:** A. McGill

**Date:** 5/31/2023

## Vehicle Speed Summary

SAANICH RD  
2023-02-02

between  
to

DOUGLAS ST AND OAK ST  
2023-02-10



Location Map

Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	9585	10869	20454
Average Speed (km/h)	34	38	36

Weather Information	Value
Minimum Temperature	3 °C
Maximum Temperature	10 °C
Total Precipitation	28 mm



Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/30/2023

Checked by: A. McGill

Date: 5/31/2023

# Vehicle Speed Summary



Start Date: 2023-02-02  
 Start Time: 8:00 PM  
 Station ID: M0031-02

Location: SAANICH RD Between DOUGLAS ST AND OAK ST

DATE:	February 6, 2023		February 7, 2023		February 8, 2023		February 9, 2023		February 3, 2023		WK AVG		WK AVG	HOURLY
Time:	MON		TUE		WED		THURS		FRI		EB	WB	CH 1+2	%
12-1 AM	44	52	38	53	49	45	50	56	57	68	48	55	102	0.5%
1-2 AM	30	22	31	26	26	27	29	36	24	32	28	29	57	0.3%
2-3 AM	17	18	26	36	26	21	20	21	23	29	22	25	47	0.2%
3-4 AM	19	8	28	12	23	11	23	11	18	16	22	12	34	0.2%
4-5 AM	20	22	24	25	27	25	29	23	31	22	26	23	50	0.2%
5-6 AM	73	71	87	58	85	60	82	62	84	81	82	66	149	0.7%
6-7 AM	263	230	279	242	319	262	277	237	277	232	283	241	524	2.6%
7-8 AM	529	527	513	509	518	517	549	599	544	522	531	535	1065	5.2%
8-9 AM	689	635	633	654	733	689	669	671	685	653	682	660	1342	6.6%
9-10 AM	598	631	605	654	699	665	716	649	624	657	648	651	1300	6.4%
10-11 AM	596	646	567	641	643	659	656	663	635	651	619	652	1271	6.2%
11-12 PM	649	716	648	703	654	742	694	739	666	729	662	726	1388	6.8%
12-1 PM	670	768	709	738	663	823	728	814	712	897	696	808	1504	7.4%
1-2 PM	615	748	649	800	661	781	684	785	737	859	669	795	1464	7.2%
2-3 PM	642	784	703	862	684	800	699	825	757	933	697	841	1538	7.5%
3-4 PM	685	848	736	760	691	870	701	879	779	910	718	853	1572	7.7%
4-5 PM	761	768	786	859	771	879	782	825	760	857	772	838	1610	7.9%
5-6 PM	660	779	703	830	700	913	709	799	703	762	695	817	1512	7.4%
6-7 PM	500	639	499	701	539	698	526	693	488	662	510	679	1189	5.8%
7-8 PM	364	524	385	536	427	555	391	564	389	545	391	545	936	4.6%
8-9 PM	242	330	297	401	273	391	319	393	259	395	278	382	660	3.2%
9-10 PM	235	262	219	292	241	320	239	321	272	311	241	301	542	2.7%
10-11 PM	138	178	166	188	158	211	178	228	192	225	166	206	372	1.8%
11-12 AM	70	100	86	141	83	119	104	133	135	161	96	131	226	1.1%
<b>LANES</b>	<b>9109</b>	<b>10306</b>	<b>9417</b>	<b>10721</b>	<b>9693</b>	<b>11083</b>	<b>9854</b>	<b>11026</b>	<b>9851</b>	<b>11209</b>	<b>9585</b>	<b>10869</b>	<b>20454</b>	<b>100.0%</b>
<b>TOTAL</b>	<b>19415</b>		<b>20138</b>		<b>20776</b>		<b>20880</b>		<b>21060</b>		<b>20454</b>			
	MON		TUE		WED		THURS		FRI		WK AVG			
<b>MAX. 7 - 9 am PEAK</b>	1342 ⇨		6.6%		between 8-9 AM		<b>8421</b> ⇨		<b>6 HR TOTAL</b>		<b>2 HOUR PEAK INTERV</b>			
<b>MAX. 7 - 11 am PEAK</b>	1342 ⇨		6.6%		between 8-9 AM		<b>5529</b> ⇨		<b>4 HR TOTAL</b>		<b>2 HR AM (7 -</b>			
<b>MAX. 11 am - 1 pm</b>	1504 ⇨		7.4%		between 12-1 PM		<b>24 HOUR FACTORS</b>		<b>6-24 HR FACT.</b>		<b>2 HR NOON (11 -</b>			
<b>MAX. 11 am - 3 pm</b>	1538 ⇨		7.5%		between 2-3 PM						<b>2 HR %</b>			
<b>MAX. 4 - 6 pm PEAK</b>	1610 ⇨		7.9%		between 4-5 PM		<b>3.70</b> ⇨		<b>4-24 HR FACT.</b>		<b>2 HR PM (4 -</b>			
<b>MAX. 3 - 6 pm PEAK</b>	1610 ⇨		7.9%		between 4-5 PM						<b>2 HR %</b>			

Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/30/2023

Checked by: A. McGill

Date: 5/31/2023

# Vehicle Speed Summary

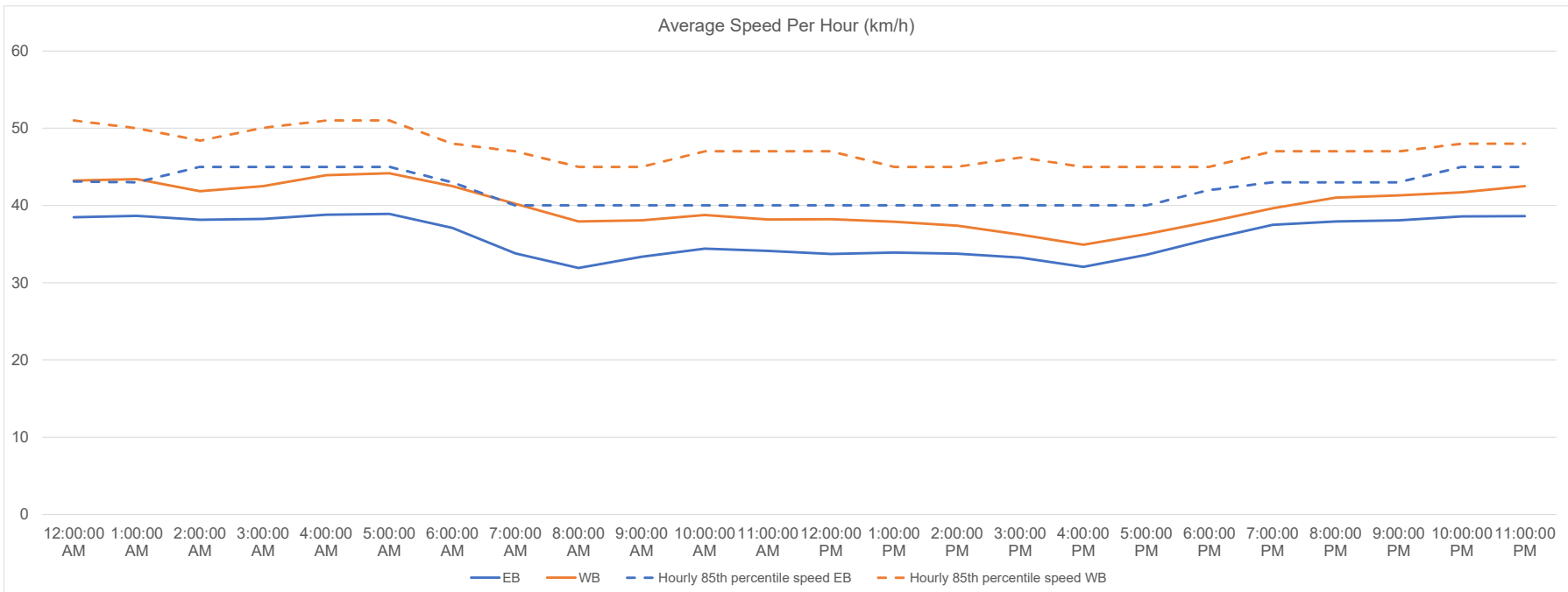


Station ID: M0031-02  
 Location: SAANICH RD between DOUGLAS ST AND OAK ST  
 Dates: 2023-02-02 to 2023-02-10

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	6873	5093	13018	44626	41673	21035	12602	3206	810	113	42	8	0	0
Percent Total	5%	3%	9%	30%	28%	14%	8%	2%	1%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	79%	14%	1%
WB	88%	37%	5%
Combined	83%	25%	3%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	34 km/h	40 km/h	47 km/h
WB	38 km/h	47 km/h	50 km/h
Combined	36 km/h	43 km/h	48 km/h



Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/30/2023

Checked by: A. McGill

Date: 5/31/2023

## Vehicle Speed Summary



Station ID M0031-02  
 Location: SAANICH RD between DOUGLAS ST AND OAK ST  
 Dates: 2023-02-02 to 2023-02-10

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	1629	69844	3232	140	23	74868
WB	1438	55701	15786	1013	294	74232
Total	3067	125545	19018	1153	317	149100
Percentage of Total	2.06%	84.20%	12.76%	0.77%	0.21%	100.00%

Data collected by: The Appian Way Traffic Data Services

Report produced by: G. Li

Date: 5/30/2023

Checked by: A. McGill

Date: 5/31/2023