

**QUADRA ST  
2023-10-10**

**between  
to**

**TOLMIE AND COOK  
2023-10-17**



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

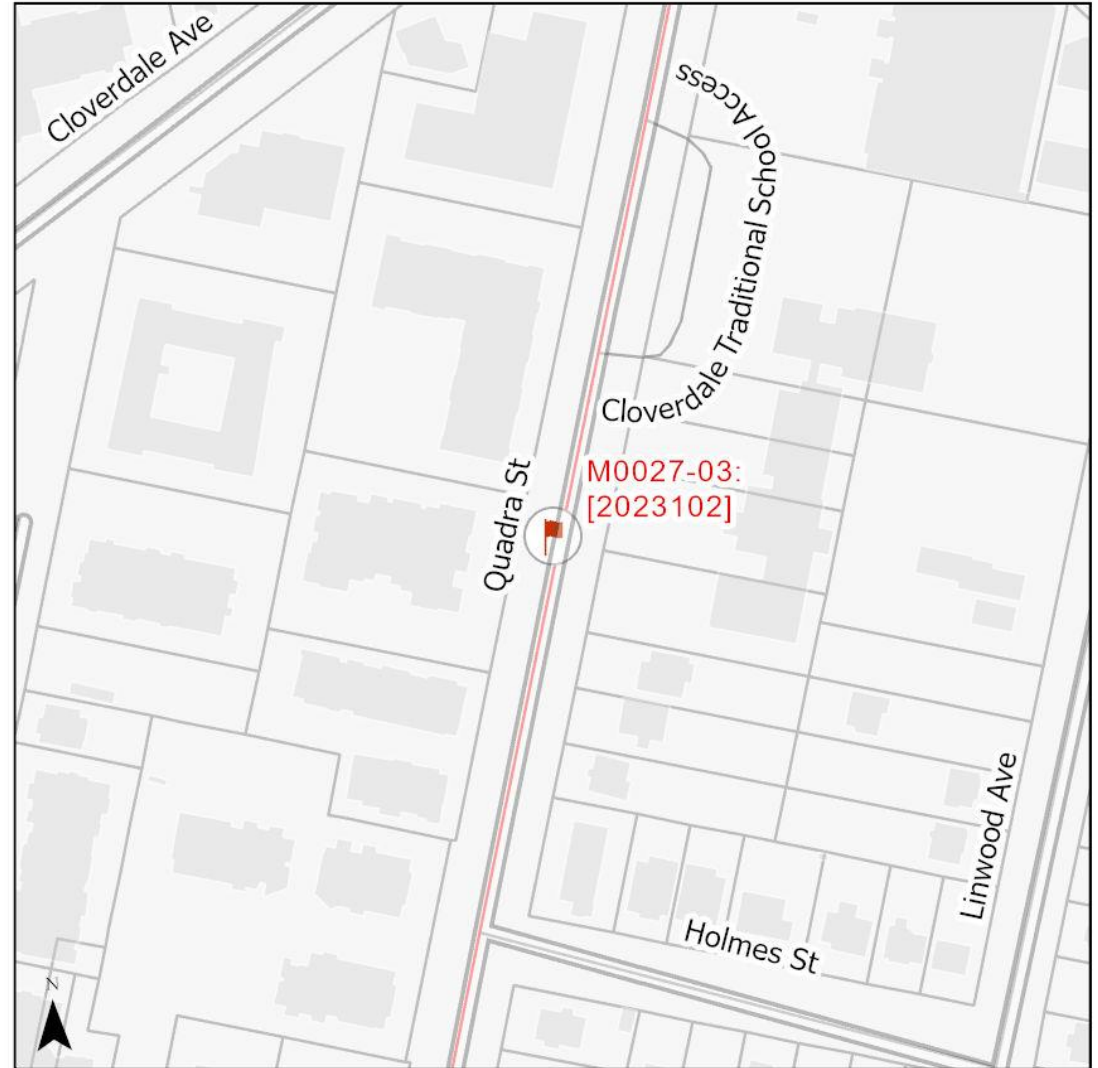
QUADRA ST between TOLMIE AND COOK  
2023-10-10 to 2023-10-17



Location Map

Metric	NB	SB	Combined
Average Traffic Volume (weekdays)	4207	4343	8550
Average Speed (km/h)	46	51	48

Weather Information	Value
Minimum Temperature	6.4 °C
Maximum Temperature	16.3 °C
Total Precipitation	6.6 mm



# Vehicle Volume Summary

Start Date: 2023-10-10  
 Start Time: 3:00:00 PM  
 Station ID: M0027-03



\*Data collection started on Tuesday October 10, 2023 at 3 PM and ended Tuesday Octoebr 17, 2023 at 3 PM

Location: QUADRA ST Between TOLMIE AND COOK

DATE:	2023-10-16		*2023-10-10 / 17		2023-10-11		2023-10-12		2023-10-13		WK AVG		WK AVG	HOURLY																			
Time:	MON		TUE		WED		THURS		FRI		NB	SB	CH 1+2	%																			
12-1 AM	17	16	23	21	19	14	24	23	24	28	21	20	42	0.5%																			
1-2 AM	9	3	8	9	17	9	8	16	7	15	10	10	20	0.2%																			
2-3 AM	3	9	6	10	11	8	5	4	11	4	7	7	14	0.2%																			
3-4 AM	6	7	8	5	7	3	4	8	5	5	6	6	12	0.1%																			
4-5 AM	6	6	6	11	3	4	8	5	7	7	6	7	13	0.1%																			
5-6 AM	20	26	25	32	17	27	20	31	22	25	21	28	49	0.6%																			
6-7 AM	53	119	71	116	67	119	69	119	74	117	67	118	185	2.2%																			
7-8 AM	168	191	181	222	161	196	143	226	161	183	163	204	366	4.3%																			
8-9 AM	240	324	230	374	258	348	243	332	272	326	249	341	589	6.9%																			
9-10 AM	208	283	221	258	194	270	241	268	257	271	224	270	494	5.8%																			
10-11 AM	235	251	213	271	217	251	255	267	244	258	233	260	492	5.8%																			
11-12 PM	252	260	269	283	256	254	250	276	259	292	257	273	530	6.2%																			
12-1 PM	270	277	297	278	285	281	305	299	336	333	299	294	592	6.9%																			
1-2 PM	276	279	291	314	287	288	315	301	326	328	299	302	601	7.0%																			
2-3 PM	318	325	324	272	350	292	345	324	389	362	345	315	660	7.7%																			
3-4 PM	378	348	381	339	373	340	384	364	402	333	384	345	728	8.5%																			
4-5 PM	424	387	374	336	458	400	446	375	404	384	421	376	798	9.3%																			
5-6 PM	317	280	281	322	346	316	355	384	378	334	335	327	663	7.7%																			
6-7 PM	217	230	255	235	251	285	298	278	259	309	256	267	523	6.1%																			
7-8 PM	186	219	185	195	190	197	202	215	206	234	194	212	406	4.7%																			
8-9 PM	126	140	130	127	166	130	180	163	178	138	156	140	296	3.5%																			
9-10 PM	92	120	114	92	111	126	145	101	190	144	130	117	247	2.9%																			
10-11 PM	63	52	45	63	111	60	77	64	97	80	79	64	142	1.7%																			
11-12 AM	33	32	32	35	48	43	49	47	64	51	45	42	87	1.0%																			
<b>LANES</b>	<b>3917</b>	<b>4184</b>	<b>3970</b>	<b>4220</b>	<b>4203</b>	<b>4261</b>	<b>4371</b>	<b>4490</b>	<b>4572</b>	<b>4561</b>	<b>4207</b>	<b>4343</b>	<b>8550</b>	<b>100.0%</b>																			
<b>TOTAL</b>	<b>8101</b>		<b>8190</b>		<b>8464</b>		<b>8861</b>		<b>9133</b>		<b>8550</b>																						
	MON		TUE		WED		THURS		FRI		WK AVG																						
<b>MAX. 7 - 9 am PEAK</b>	589		6.9%		between 8-9 AM		<b>3538</b>		<b>6 HR TOTAL</b>		<b>2 HOUR PEAK INTERVALS</b>																						
<b>MAX. 7 - 11 am PEAK</b>	589		6.9%		between 8-9 AM		<b>2416</b>		<b>4 HR TOTAL</b>		<table border="0"> <tr> <td colspan="2"><b>2 HR AM (7 - 9 AM)</b></td> <td colspan="2"></td> </tr> <tr> <td>VEH / HR</td> <td>VEH / 2HR</td> <td>2 HR %</td> <td></td> <td></td> </tr> <tr> <td>7-8 AM</td> <td>366</td> <td>956</td> <td>11.2%</td> <td></td> </tr> <tr> <td>8-9 AM</td> <td>589</td> <td></td> <td></td> <td></td> </tr> </table>				<b>2 HR AM (7 - 9 AM)</b>				VEH / HR	VEH / 2HR	2 HR %			7-8 AM	366	956	11.2%		8-9 AM	589			
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7-8 AM	366	956	11.2%																														
8-9 AM	589																																
<b>MAX. 11 am - 1 pm PEAK</b>	592		6.9%		between 12-1 PM		<b>24 HOUR FACTORS</b>		<b>2 HR NOON (11 - 1 PM)</b>		<table border="0"> <tr> <td colspan="2">VEH / HR</td> <td colspan="2">2 HR %</td> </tr> <tr> <td>11-12 PM</td> <td>530</td> <td>1122</td> <td>13.1%</td> <td></td> </tr> <tr> <td>12-1 PM</td> <td>592</td> <td></td> <td></td> <td></td> </tr> </table>				VEH / HR		2 HR %		11-12 PM	530	1122	13.1%		12-1 PM	592								
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11-12 PM	530	1122	13.1%																														
12-1 PM	592																																
<b>MAX. 11 am - 3 pm PEAK</b>	660		7.7%		between 2-3 PM		<b>2.42</b>		<b>6-24 HR FACT.</b>		<table border="0"> <tr> <td colspan="2"><b>2 HR PM (4 - 6 PM)</b></td> <td colspan="2"></td> </tr> <tr> <td>VEH / HR</td> <td>VEH / 2HR</td> <td>2 HR %</td> <td></td> <td></td> </tr> <tr> <td>4-5 PM</td> <td>798</td> <td>1460</td> <td>17.1%</td> <td></td> </tr> <tr> <td>5-6 PM</td> <td>663</td> <td></td> <td></td> <td></td> </tr> </table>				<b>2 HR PM (4 - 6 PM)</b>				VEH / HR	VEH / 2HR	2 HR %			4-5 PM	798	1460	17.1%		5-6 PM	663			
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<b>MAX. 4 - 6 pm PEAK</b>	798		9.3%		between 4-5 PM		<b>3.54</b>		<b>4-24 HR FACT.</b>																								
<b>MAX. 3 - 6 pm PEAK</b>	798		9.3%		between 4-5 PM																												

# Vehicle Speed Summary

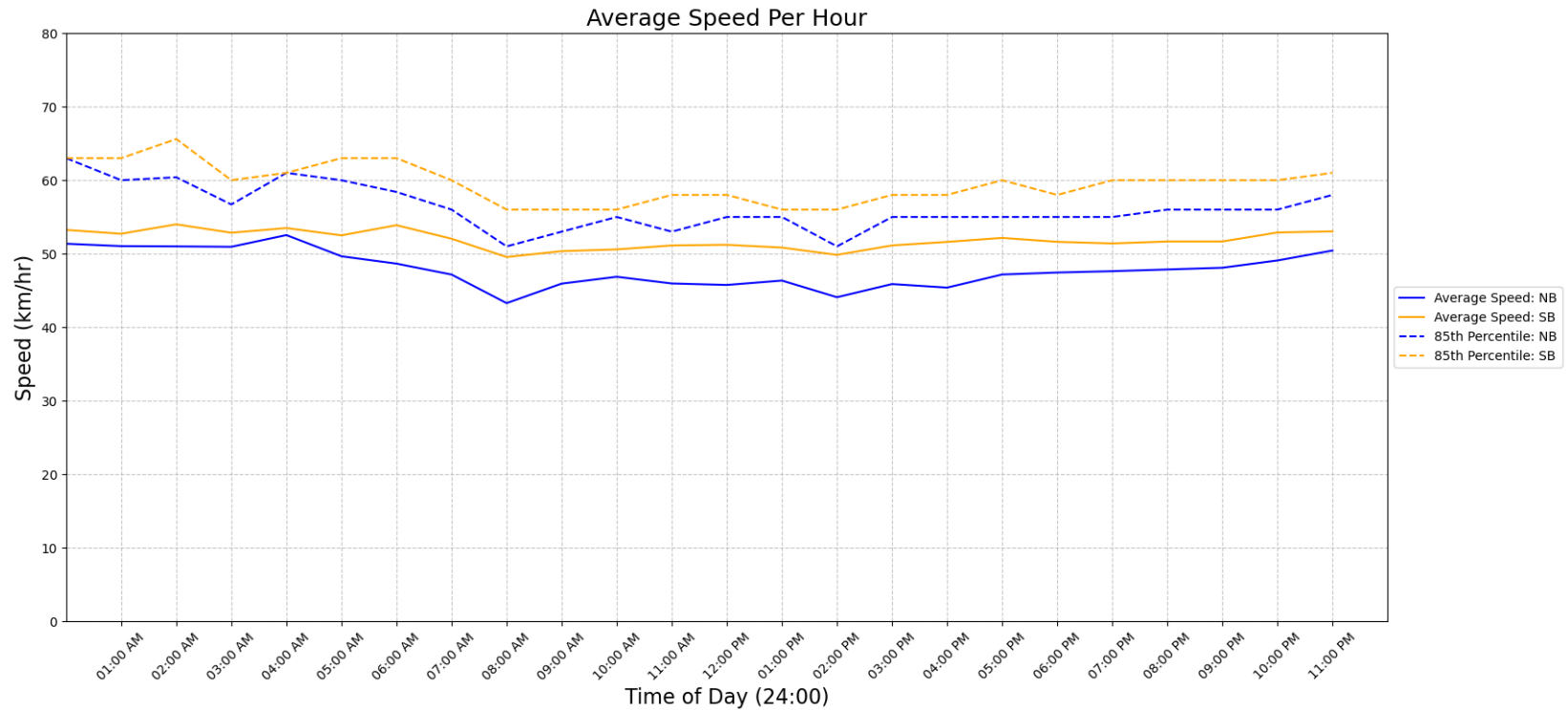


Station ID: M0027-03  
 Location: QUADRA ST Between TOLMIE AND COOK  
 Dates: 2023-10-10 to 2023-10-17

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	460	368	552	2417	5328	7524	15772	13462	7781	2401	735	245	17	9
Percent Total	1%	1%	1%	4%	9%	13%	28%	24%	14%	4%	1%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
NB	96%	76%	30%
SB	99%	92%	56%
Combined	98%	84%	43%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
NB	46 km/h	55 km/h	60 km/h
SB	51 km/h	58 km/h	63 km/h
Combined	49 km/h	56 km/h	61 km/h



## Vehicle Class Summary

Station ID M0027-03  
 Location: QUADRA ST Between TOLMIE AND COOK  
 Dates: 2023-10-10 to 2023-10-17



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	450	26579	1172	13	1	28215
SB	261	26702	1779	104	10	28856
Total	711	53281	2951	117	11	57071
Percentage of Total	1.25%	93.36%	5.17%	0.21%	0.02%	100.00%