

**Burnside Road W between Helmcken Road and Prospect Lake Road**  
**October 16, 2022 to October 23, 2022**



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This document contains:

Overview

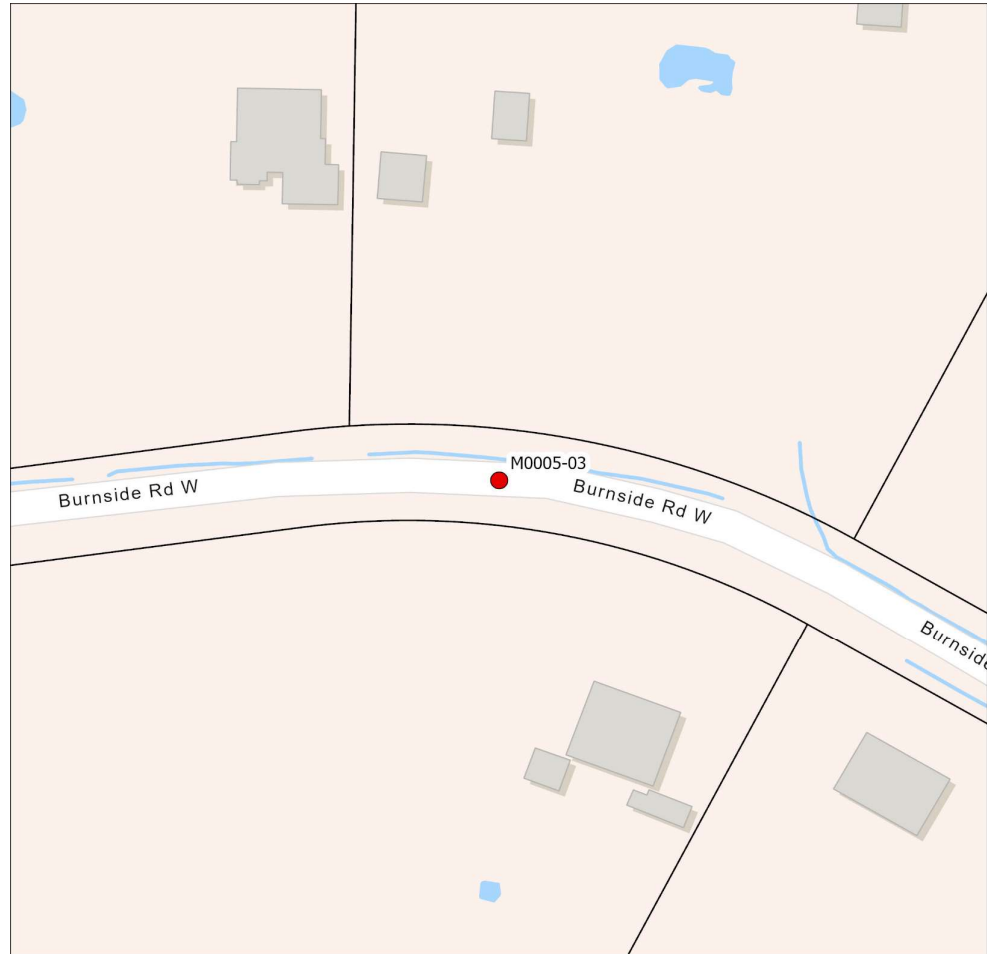
Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary

**Burnside Road W** between **Helmcken Road and Prospect Lake Road**  
October 16, 2022 to October 23, 2022

Metric	WB	EB	Combined
Average Traffic Volume (weekdays)	1203	1649	2852
Average Speed (km/h)	50	50	50



Start Date: 2022-10-16  
 Start Time: 12:00:00 PM  
 Station ID: M0005-03

Location Burnside Road W Between Helmcken Road and Prospect Lake Road														
DATE:	October 17, 2022		October 18, 2022		October 19, 2022		October 20, 2022		October 21, 2022		WK AVG		WK AVG	HOURLY
Time:	MON		TUE		WED		THURS		FRI		WB	EB	CH 1+2	%
12-1 AM	4	1	6	3	2	2	3	3	4	5	4	3	7	0.2%
1-2 AM	1	1	1	0	0	0	2	1	3	2	1	1	2	0.1%
2-3 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
3-4 AM	1	1	0	2	1	1	0	1	0	2	0	1	2	0.1%
4-5 AM	0	2	0	1	2	2	0	1	0	2	0	2	2	0.1%
5-6 AM	2	13	2	13	2	10	3	7	2	7	2	10	12	0.4%
6-7 AM	8	57	11	56	8	60	6	64	4	59	7	59	67	2.3%
7-8 AM	40	245	35	294	41	308	52	294	45	200	43	268	311	10.9%
8-9 AM	76	281	61	340	65	367	76	354	50	142	66	297	362	12.7%
9-10 AM	36	91	59	116	79	124	69	99	43	92	57	104	162	5.7%
10-11 AM	74	92	58	112	58	77	61	95	65	95	63	94	157	5.5%
11-12 PM	69	94	60	82	59	80	75	84	57	108	64	90	154	5.4%
12-1 PM	79	88	71	74	70	71	74	77	72	94	73	81	154	5.4%
1-2 PM	76	68	92	78	83	89	77	91	81	95	82	84	166	5.8%
2-3 PM	94	102	84	105	118	109	102	112	95	79	99	101	200	7.0%
3-4 PM	156	111	145	106	153	118	121	89	122	110	139	107	246	8.6%
4-5 PM	187	135	182	129	193	143	185	120	178	111	185	128	313	11.0%
5-6 PM	149	78	158	90	175	100	173	108	164	70	164	89	253	8.9%
6-7 PM	53	43	50	49	64	61	79	77	49	45	59	55	114	4.0%
7-8 PM	26	32	39	40	22	33	40	34	32	25	32	33	65	2.3%
8-9 PM	22	15	25	14	25	17	29	22	24	23	25	18	43	1.5%
9-10 PM	16	15	18	9	20	11	24	10	22	14	20	12	32	1.1%
10-11 PM	8	6	15	10	11	8	18	10	11	7	13	8	21	0.7%
11-12 AM	1	2	6	7	5	1	6	4	6	6	5	4	9	0.3%
LANES	1178	1573	1178	1730	1256	1792	1275	1757	1129	1393	1203	1649	2852	100.0%
TOTAL	2751		2908		3048		3032		2522		2852			
	MON		TUE		WED		THURS		FRI		WK AVG			
<b>MAX. 7 - 9 am PEAK HOUR</b>	362 ⇒		12.7%		between 8-9 AM		<b>TOTAL VEHICLES-PEAK PERIODS</b>		1546 ⇒		<b>6 HR TOTAL</b>		<b>2 HOUR PEAK INTERVALS</b>	
<b>MAX. 7 - 11 am PEAK HOUR</b>	362 ⇒		12.7%		between 8-9 AM		1239 ⇒		<b>4 HR TOTAL</b>		<b>2 HR AM (7 - 9 AM)</b>		VEH / HR      VEH / 2HR      2 HR %	
<b>MAX. 11 am - 1 pm PEAK</b>	154 ⇒		5.4%		between 12-1 PM		<b>24 HOUR FACTORS</b>		1.84 ⇒		<b>6-24 HR FACT.</b>		<b>2 HR NOON (11 - 1 PM)</b>	
<b>MAX. 11 am - 3 pm PEAK</b>	200 ⇒		7.0%		between 2-3 PM		2.30 ⇒		<b>4-24 HR FACT.</b>		<b>2 HR PM (4 - 6 PM)</b>		VEH / HR      VEH / 2HR      2 HR %	
<b>MAX. 4 - 6 pm PEAK HOUR</b>	313 ⇒		11.0%		between 4-5 PM						11-12 PM      154      308      10.8%		12-1 PM      154	
<b>MAX. 3 - 6 pm PEAK HOUR</b>	313 ⇒		11.0%		between 4-5 PM						4-5 PM      313      566      19.8%		5-6 PM      253	

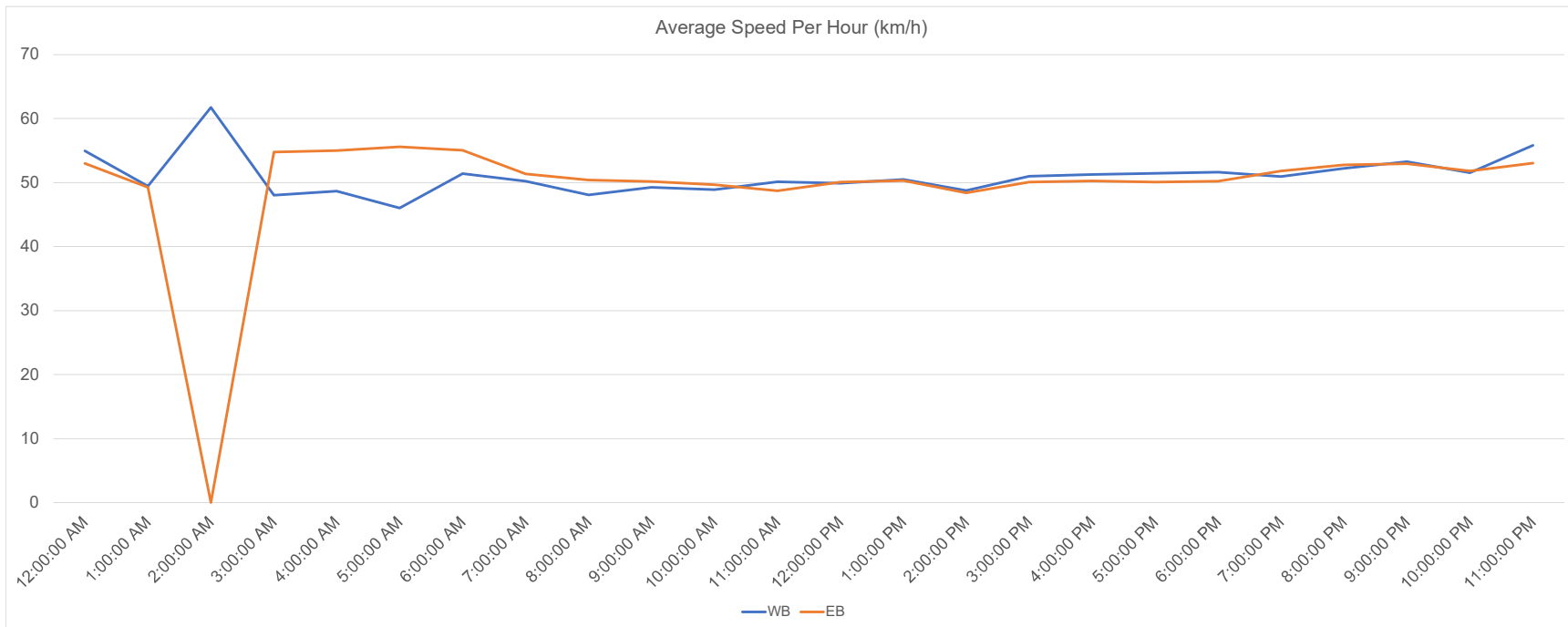
### Vehicle Speed Summary

Count ID M0005-03  
 File Name Burnside Road W between Helmcken Road and Prospect Lake Road  
 Dates: 2022-10-16 to 2022-10-23  
 Temperature 12 °C  
 Precipitation 1.8 mm

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	22	30	43	177	702	2392	5122	5397	2507	736	165	96	7	8
Percent Total	0%	0%	0%	1%	4%	14%	29%	31%	14%	4%	1%	1%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
WB	98%	93%	51%
EB	99%	94%	51%
Combined	99%	94%	51%

Movements	AVERAGE SPEED	85th PERCENTILE SPEED	95th PERCENTILE SPEED
WB	50 km/h	56 km/h	61 km/h
EB	50 km/h	56 km/h	61 km/h
Combined	50 km/h	56 km/h	61 km/h



Vehicle Classification Summary

Station ID M0005-03  
 File Name Burnside Road W between Helmcken Road and Prospect Lake Road  
 Dates: 2022-10-16 to 2022-10-23

Movement	Classification					Total
	Motorcycle	Car & Light Goods Vehicles	Buses & Single Unit Truck	Trailer Truck	Multi-trailer truck	
WB	268	7423	76	3	0	7770
EB	92	8033	869	23	12	9029
Total	360	15456	945	26	12	16799
Percentage of Total	2.14%	92.01%	5.63%	0.15%	0.07%	100.00%