

UNION RD
October 20, 2024

between
to

QUADRA ST AND CUMBERLAND RD
October 26, 2024

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This document contains:

Overview

Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary



Overview

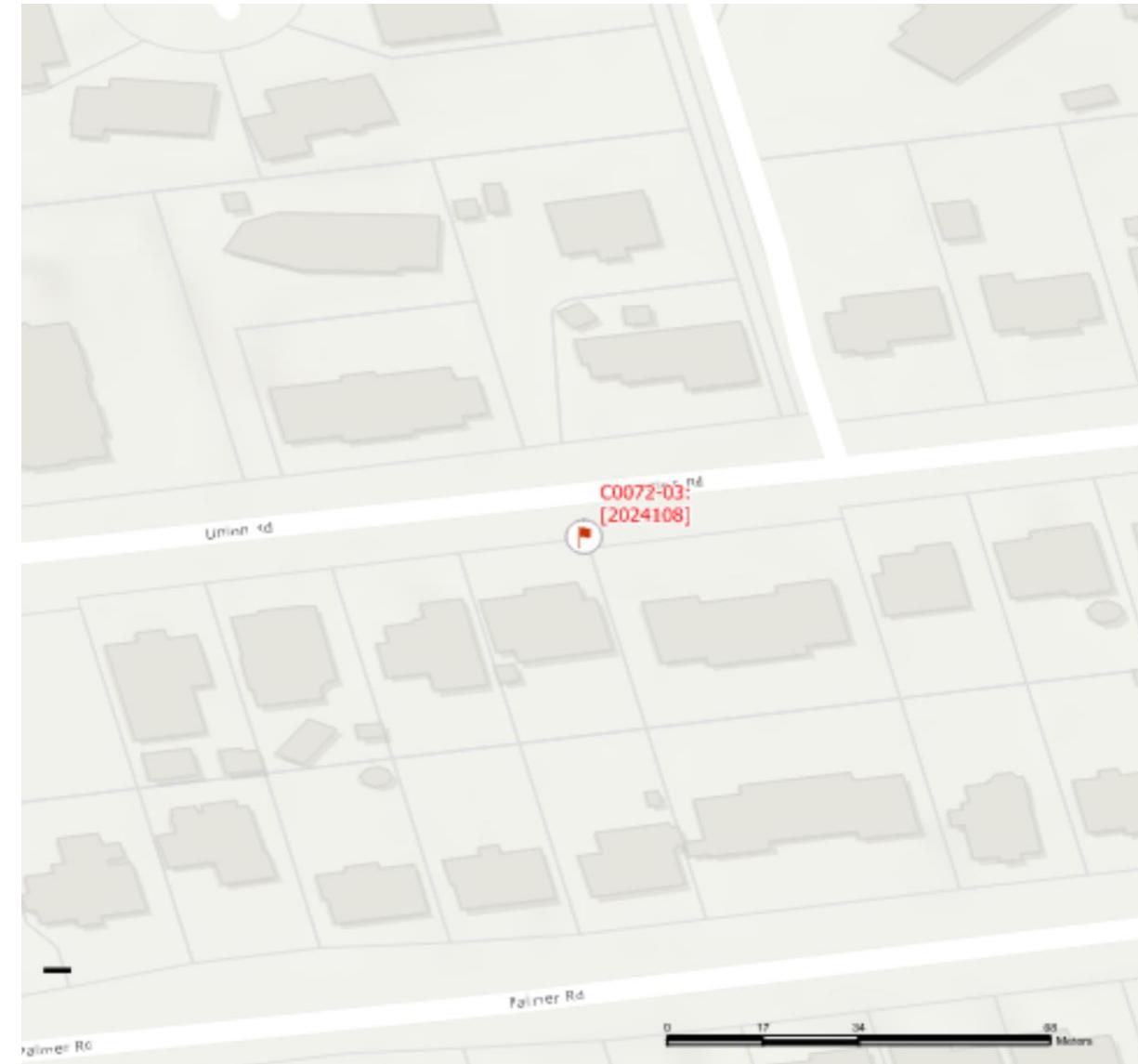
UNION RD between QUADRA ST AND CUMBERLAND RD
October 20, 2024 to October 26, 2024



Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	2236	2030	4266
Average Speed (km/h)	39	28	34

Weather Information	Value
Minimum Temperature	5 °C
Maximum Temperature	13 °C
Total Precipitation	40 mm

Location Map



Vehicle Volume Summary



Start Date: 10/20/2024
 Start Time: 12:00 AM
 Station ID: C0072-03

Location: UNION RD Between QUADRA ST AND CUMBERLAND RD

DATE:	October 21, 2024		October 22, 2024		October 23, 2024		October 24, 2024		October 25, 2024		WK AVG		WK AVG	HOURLY
	MON		TUE		WED		THURS		FRI		EB	WB		
Time:	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	CH 1+2	%
12-1 AM	20	9	11	9	8	2	12	8	9	9	12	7	19	0.5%
1-2 AM	2	2	4	6	1	2	5	5	6	3	4	4	7	0.2%
2-3 AM	0	2	1	5	2	4	2	2	9	2	3	3	6	0.1%
3-4 AM	1	1	3	0	3	2	3	1	1	4	2	2	4	0.1%
4-5 AM	5	4	4	5	4	5	5	3	4	6	4	5	9	0.2%
5-6 AM	6	19	13	23	6	21	9	24	10	19	9	21	30	0.7%
6-7 AM	31	62	33	59	34	50	30	54	30	50	32	55	87	2.0%
7-8 AM	68	117	71	150	73	151	74	140	69	98	71	131	202	4.7%
8-9 AM	193	185	192	206	189	209	180	166	114	157	174	185	358	8.4%
9-10 AM	115	124	147	121	134	142	130	152	139	134	133	135	268	6.3%
10-11 AM	89	101	104	113	98	130	111	106	131	124	107	115	221	5.2%
11-12 PM	121	129	141	120	143	136	131	131	146	130	136	129	266	6.2%
12-1 PM	116	115	125	121	134	136	146	114	169	130	138	123	261	6.1%
1-2 PM	145	133	139	134	149	142	151	109	156	148	148	133	281	6.6%
2-3 PM	160	141	183	158	188	174	147	133	174	152	170	152	322	7.5%
3-4 PM	196	224	223	181	225	180	190	169	207	145	208	180	388	9.1%
4-5 PM	238	161	241	206	241	177	228	146	211	150	232	168	400	9.4%
5-6 PM	185	125	209	144	176	168	231	141	208	117	202	139	341	8.0%
6-7 PM	123	103	143	121	156	132	149	126	141	107	142	118	260	6.1%
7-8 PM	84	93	120	101	120	81	86	97	94	76	101	90	190	4.5%
8-9 PM	59	54	70	65	85	59	100	52	90	53	81	57	137	3.2%
9-10 PM	66	35	58	41	50	46	69	42	76	40	64	41	105	2.5%
10-11 PM	40	21	34	20	37	31	50	28	48	29	42	26	68	1.6%
11-12 AM	11	14	17	8	20	15	27	16	34	18	22	14	36	0.8%
LANES	2074	1974	2286	2117	2276	2195	2266	1965	2276	1901	2236	2030	4266	100.0%
TOTAL	4048		4403		4471		4231		4177		4266			
	MON		TUE		WED		THURS		FRI		WK AVG			
PEAK HOUR														
MAX. 7 - 9 am PEAK		358	➡	8.4%	between	8-9 AM	TOTAL VEHICLES-PEAK PERIODS		2 HOUR PEAK INTERVALS					
							1828	➡	6 HR TOTAL	2 HR AM (7 - 9 AM)	VEH / HR	VEH / 2HR	2 HR %	
MAX. 7 - 11 am PEAK		358	➡	8.4%	between	8-9 AM	1301	➡	4 HR TOTAL	7-8 AM	202	560	13.1%	
										8-9 AM	358			
MAX. 11 am - 1 pm PEAK		266	➡	6.2%	between	11-12 PM	24 HOUR FACTORS		2 HR NOON (11 - 1 PM)					
							2.33	➡	6-24 HR FACT.	11-12 PM	266	527	12.3%	
MAX. 11 am - 3 pm PEAK		322	➡	7.5%	between	2-3 PM	3.28	➡	4-24 HR FACT.	12-1 PM	261			
MAX. 4 - 6 pm PEAK		400	➡	9.4%	between	4-5 PM	2 HR PM (4 - 6 PM)		VEH / HR		VEH / 2HR	2 HR %		
										4-5 PM	400	741	17.4%	
MAX. 3 - 6 pm PEAK		400	➡	9.4%	between	4-5 PM				5-6 PM	341			

Vehicle Speed Summary

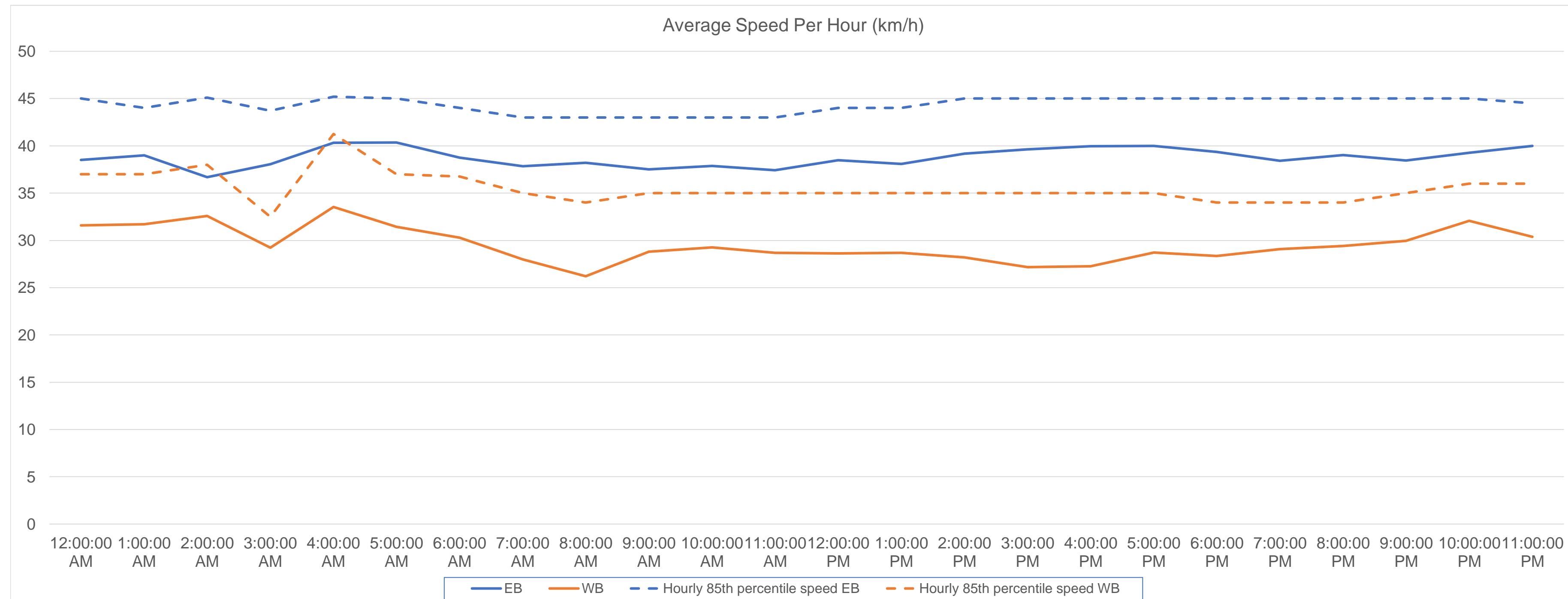


Station ID: C0072-03
 Location: UNION RD between QUADRA ST AND CUMBERLAND RD
 Dates: 10/20/2024 to 10/26/2024

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	1198	1454	3094	4324	4332	2751	859	163	28	9	3	0	0	0
Percent Total	7%	8%	17%	24%	24%	15%	5%	1%	0%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	93%	39%	2%
WB	43%	1%	0%
Combined	68%	21%	1%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	39 km/h	44 km/h	48 km/h
WB	28 km/h	35 km/h	38 km/h
Combined	34 km/h	42 km/h	46 km/h



Data collected by: McElhanney

Report produced by: G. Li

Date: 03/27/2025

Checked by: A. McGill

Date: 03/27/2025

Vehicle Class Summary

Station ID: C0072-03
Location: UNION RD
Dates: 10/20/2024

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	21	14623	157	28	4	14833
WB	55	12881	141	33	4	13114
Total	76	27504	298	61	8	27947
Percentage of Total	0.27%	98.41%	1.07%	0.22%	0.03%	100.00%