

**UNION RD  
October 20, 2024**

**between  
to**

**CUMBERLAND RD AND BLENKINSOP RD  
October 26, 2024**



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This document contains:

Overview

Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary

Overview

UNION RD  
October 20, 2024

between  
to

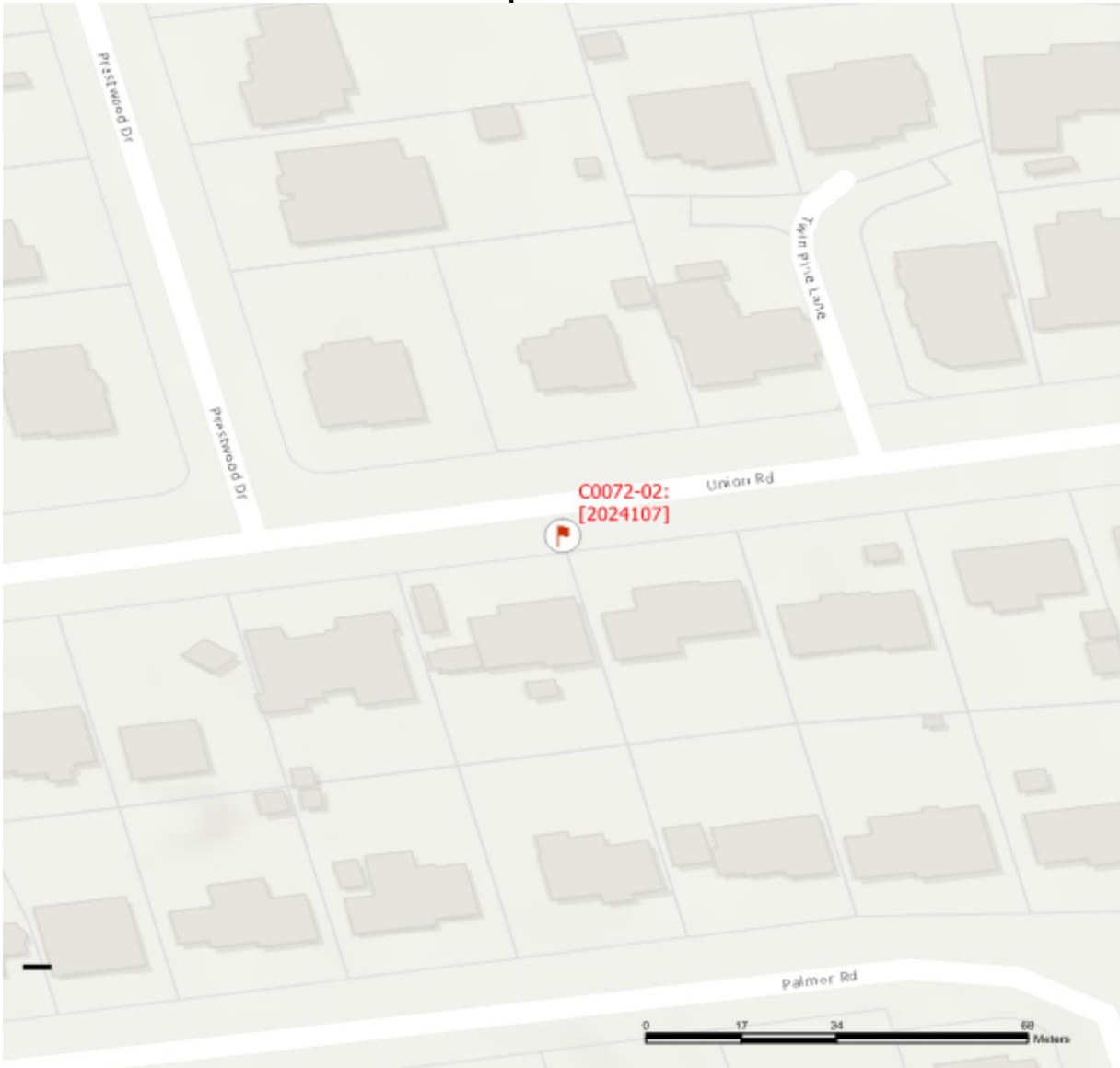
CUMBERLAND RD AND BLENKINSOP RD  
October 26, 2024



Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	2113	2104	4217
Average Speed (km/h)	37	43	40

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: C0072-02

Location: UNION RD      Between      CUMBERLAND RD AND BLENKINSOP RD

DATE:	October 21, 2024		October 22, 2024		October 23, 2024		October 24, 2024		October 25, 2024					
	MON		TUE		WED		THURS		FRI		WK AVG		WK AVG	HOURLY
Time:	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	CH 1+2	%
12-1 AM	11	9	6	6	5	2	6	8	5	6	7	6	13	0.3%
1-2 AM	1	1	2	6	1	3	2	4	1	3	1	3	5	0.1%
2-3 AM	1	3	1	5	1	4	2	1	3	1	2	3	4	0.1%
3-4 AM	2	1	1	0	1	1	3	1	1	5	2	2	3	0.1%
4-5 AM	2	3	2	3	0	5	2	4	1	6	1	4	6	0.1%
5-6 AM	3	16	8	15	4	16	6	18	5	16	5	16	21	0.5%
6-7 AM	31	54	24	46	26	44	25	50	25	49	26	49	75	1.8%
7-8 AM	59	85	68	126	82	139	77	117	65	85	70	110	181	4.3%
8-9 AM	218	199	223	204	217	212	216	178	141	137	203	186	389	9.2%
9-10 AM	119	125	153	125	138	134	135	148	150	136	139	134	273	6.5%
10-11 AM	107	98	114	100	104	119	102	83	136	112	113	102	215	5.1%
11-12 PM	124	139	117	117	135	138	135	130	130	123	128	129	258	6.1%
12-1 PM	114	126	119	138	134	134	142	110	158	128	133	127	261	6.2%
1-2 PM	142	132	142	142	155	132	143	132	158	147	148	137	285	6.8%
2-3 PM	156	146	186	153	179	179	149	149	153	167	165	159	323	7.7%
3-4 PM	188	243	210	209	218	197	180	193	208	176	201	204	404	9.6%
4-5 PM	233	189	221	228	219	213	241	172	202	170	223	194	418	9.9%
5-6 PM	190	155	191	181	183	194	215	171	211	145	198	169	367	8.7%
6-7 PM	106	111	138	118	158	142	138	126	117	112	131	122	253	6.0%
7-8 PM	39	80	92	102	92	99	61	97	65	79	70	91	161	3.8%
8-9 PM	33	54	53	73	67	60	74	71	72	72	60	66	126	3.0%
9-10 PM	32	36	48	48	44	62	49	46	61	44	47	47	94	2.2%
10-11 PM	25	24	22	21	20	35	27	25	34	29	26	27	52	1.2%
11-12 AM	6	14	13	8	17	24	17	16	18	17	14	16	30	0.7%
LANES	1942	2043	2154	2174	2200	2288	2147	2050	2120	1965	2113	2104	4217	100.0%
TOTAL	3985		4328		4488		4197		4085		4217			
	MON		TUE		WED		THURS		FRI		WK AVG			
PEAK HOUR							TOTAL VEHICLES-PEAK PERIODS				2 HOUR PEAK INTERVALS			
MAX. 7 - 9 am PEAK		389	⇒	9.2%	between	8-9 AM	1873 ⇒ 6 HR TOTAL		2 HR AM (7 - 9 AM)					
MAX. 7 - 11 am PEAK		389	⇒	9.2%	between	8-9 AM	1354 ⇒ 4 HR TOTAL		VEH / HR VEH / 2HR 2 HR %					
									7-8 AM 181 570 13.5%					
									8-9 AM 389					
MAX. 11 am - 1 pm PEAK		261	⇒	6.2%	between	12-1 PM	24 HOUR FACTORS				2 HR NOON (11 - 1 PM)			
MAX. 11 am - 3 pm PEAK		323	⇒	7.7%	between	2-3 PM					VEH / HR 2 HR %			
MAX. 4 - 6 pm PEAK		418	⇒	9.9%	between	4-5 PM					11-12 PM 258 518 12.3%			
MAX. 3 - 6 pm PEAK		418	⇒	9.9%	between	4-5 PM					12-1 PM 261			
							2.25 ⇒ 6-24 HR FACT.		2 HR PM (4 - 6 PM)					
							3.11 ⇒ 4-24 HR FACT.		VEH / HR VEH / 2HR 2 HR %					
									4-5 PM 418 785 18.6%					
									5-6 PM 367					

Vehicle Speed Summary

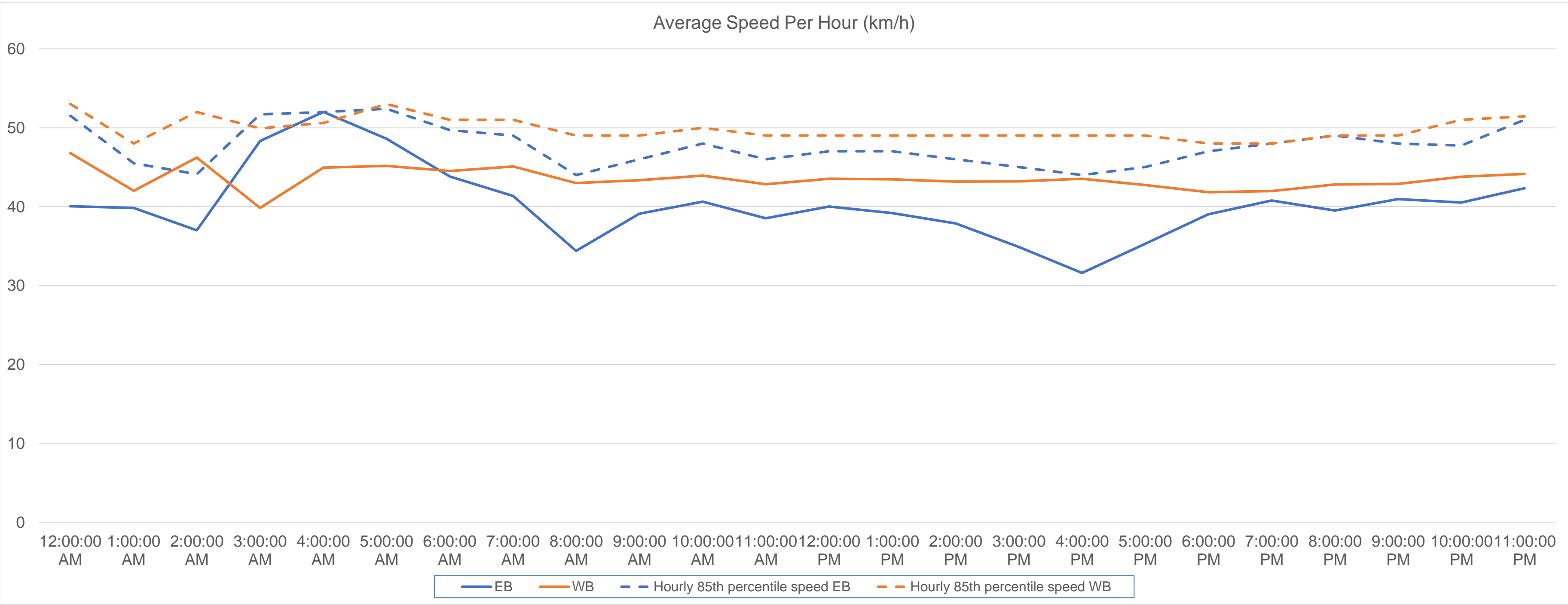


Station ID: C0072-02  
Location: UNION RD      between      CUMBERLAND RD AND BLENKINSOP RD  
Dates: 10/20/2024      to      10/26/2024

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	732	364	742	2058	4440	5211	3275	1079	250	47	9	5	3	0
Percent Total	4%	2%	4%	11%	24%	29%	18%	6%	1%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	82%	40%	5%
WB	98%	69%	11%
Combined	90%	54%	8%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	37 km/h	46 km/h	50 km/h
WB	43 km/h	49 km/h	53 km/h
Combined	40 km/h	48 km/h	52 km/h



Vehicle Class Summary

Station ID

C0072-02

Location:

UNION RD

Dates:

10/20/2024

between

to

CUMBERLAND RD AND BLENKINSOP RD

10/26/2024



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	6	13834	142	28	3	14013
WB	37	13415	115	41	4	13612
Total	43	27249	257	69	7	27625
Percentage of Total	0.16%	98.64%	0.93%	0.25%	0.03%	100.00%