

COWPER ST
November 30, 2024

between
to

ADMIRALS RD AND COLQUITZ AVE
December 6, 2024

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This document contains:

Overview

Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary

Overview



Location Map

Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	1452	1595	3047
Average Speed (km/h)	31	31	31

Weather Information	Value
Minimum Temperature	3 °C
Maximum Temperature	11 °C
Total Precipitation	15 mm

Data collected by: McElhanney
Report produced by: G. Li
Date: 3/28/2025
Checked by: A. McGill
Date: 3/28/2025

Vehicle Volume Summary



Start Date: 11/30/2024
 Start Time: 12:00 AM
 Station ID: C0017-02

Location: COWPER ST Between ADMIRALS RD AND COLQUITZ AVE

DATE:	December 2, 2024		December 3, 2024		December 4, 2024		December 5, 2024		December 6, 2024		WK AVG		WK AVG	HOURLY
	MON		TUE		WED		THURS		FRI		EB	WB	CH 1+2	%
Time:	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	CH 1+2	%
12-1 AM	12	3	10	5	8	3	8	3	17	8	11	4	15	0.5%
1-2 AM	2	2	1	1	2	6	2	0	4	1	2	2	4	0.1%
2-3 AM	2	3	0	0	4	1	2	2	4	3	2	2	4	0.1%
3-4 AM	0	5	2	3	1	2	1	3	1	2	1	3	4	0.1%
4-5 AM	4	5	4	4	0	3	0	3	2	4	2	4	6	0.2%
5-6 AM	4	18	8	15	7	19	5	20	4	18	6	18	24	0.8%
6-7 AM	20	49	23	56	16	73	28	69	35	61	24	62	86	2.8%
7-8 AM	52	104	40	108	52	97	50	101	48	101	48	102	151	4.9%
8-9 AM	93	129	85	138	92	133	83	131	109	129	92	132	224	7.4%
9-10 AM	57	84	82	88	68	82	56	81	74	103	67	88	155	5.1%
10-11 AM	69	76	70	79	77	77	94	83	75	71	77	77	154	5.1%
11-12 PM	92	84	90	76	88	86	88	75	78	101	87	84	172	5.6%
12-1 PM	114	86	95	67	89	75	109	102	101	70	102	80	182	6.0%
1-2 PM	101	92	93	99	104	96	92	82	114	76	101	89	190	6.2%
2-3 PM	106	89	105	95	108	107	107	113	116	144	108	110	218	7.2%
3-4 PM	129	154	148	147	138	173	134	153	146	151	139	156	295	9.7%
4-5 PM	135	170	127	219	135	220	152	170	123	150	134	186	320	10.5%
5-6 PM	126	118	122	190	161	175	121	160	126	110	131	151	282	9.2%
6-7 PM	84	85	94	92	84	72	90	76	83	79	87	81	168	5.5%
7-8 PM	79	64	82	58	93	63	92	57	69	66	83	62	145	4.7%
8-9 PM	64	45	42	30	51	43	59	57	47	29	53	41	93	3.1%
9-10 PM	51	34	55	25	42	41	53	30	47	38	50	34	83	2.7%
10-11 PM	16	16	29	19	26	14	28	26	29	17	26	18	44	1.4%
11-12 AM	15	12	15	8	11	13	16	7	32	15	18	11	29	0.9%
LANES	1427	1527	1422	1622	1457	1674	1470	1604	1484	1547	1452	1595	3047	100.0%
TOTAL	2954		3044		3131		3074		3031		3047			
	MON		TUE		WED		THURS		FRI				WK AVG	
<u>PEAK HOUR</u>														
MAX. 7 - 9 am PEAK HOUR		224	➡	7.4%	between	8-9 AM	<u>TOTAL VEHICLES-PEAK PERIODS</u>			<u>2 HOUR PEAK INTERVALS</u>				
							1330	➡	6 HR TOTAL	<u>2 HR AM (7 - 9 AM)</u>				
MAX. 7 - 11 am PEAK HOUR		224	➡	7.4%	between	8-9 AM	977	➡	4 HR TOTAL	VEH / HR	224	151	375	12.3%
MAX. 11 am - 1 pm PEAK		182	➡	6.0%	between	12-1 PM	<u>24 HOUR FACTORS</u>			<u>2 HR NOON (11 - 1 PM)</u>				
MAX. 11 am - 3 pm PEAK		218	➡	7.2%	between	2-3 PM	2.29	➡	6-24 HR FACT.	VEH / HR	12-1 PM	172	353	11.6%
MAX. 4 - 6 pm PEAK HOUR		320	➡	10.5%	between	4-5 PM	3.12	➡	4-24 HR FACT.	<u>2 HR PM (4 - 6 PM)</u>				
MAX. 3 - 6 pm PEAK HOUR		320	➡	10.5%	between	4-5 PM	4-5 PM			VEH / HR	5-6 PM	320	602	19.8%
							4-5 PM				5-6 PM	282		

Vehicle Speed Summary

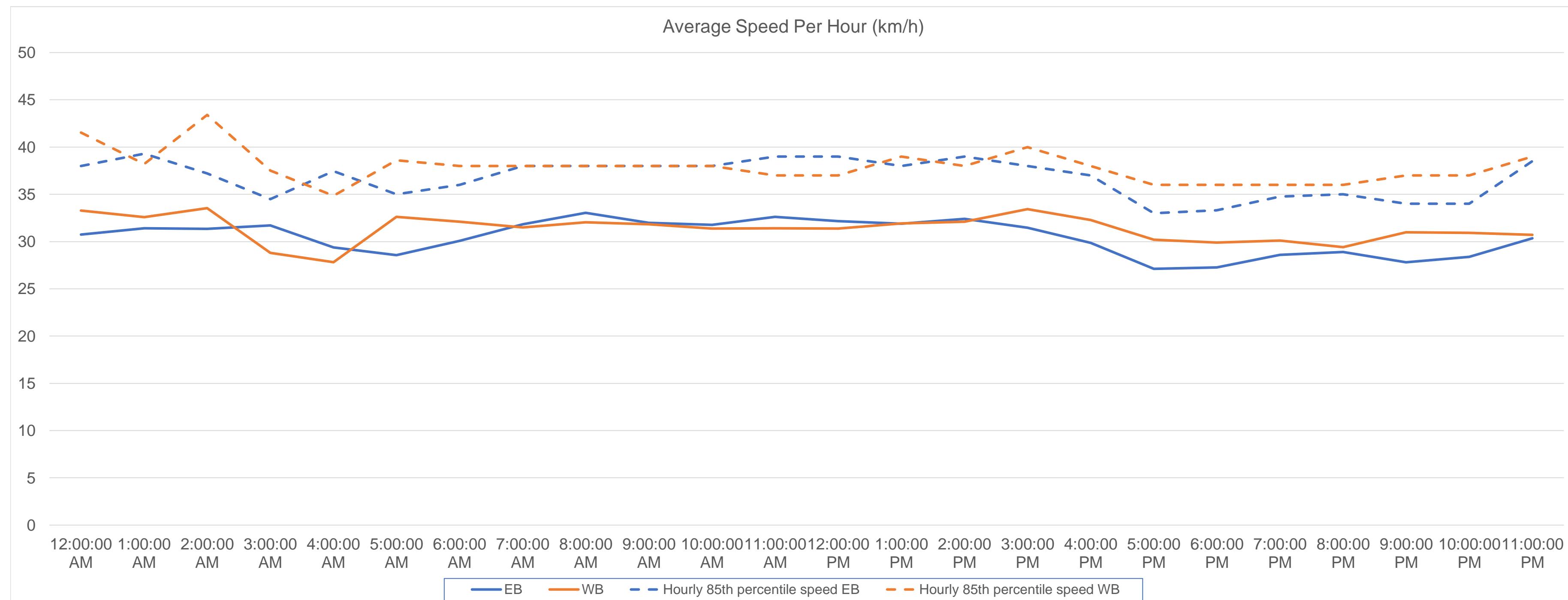


Station ID: C0017-02
 Location: COWPER ST between ADMIRALS RD AND COLQUITZ AVE
 Dates: 11/30/2024 to 12/6/2024

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	1115	2133	3899	5350	3415	878	127	21	5	2	1	2	0	0
Percent Total	7%	13%	23%	32%	20%	5%	1%	0%	0%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	54%	6%	0%
WB	61%	6%	0%
Combined	58%	6%	0%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	31 km/h	37 km/h	41 km/h
WB	31 km/h	38 km/h	41 km/h
Combined	31 km/h	38 km/h	41 km/h



Vehicle Class Summary

Station ID: C0017-02
Location: COWPER ST
Dates: 11/30/2024

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	23	9401	54	284	171	9933
WB	31	9918	53	373	7	10382
Total	54	19319	107	657	178	20315
Percentage of Total	0.27%	95.10%	0.53%	3.23%	0.88%	100.00%