

COWPER ST
November 30, 2024

between
to

COLQUITZ AVE AND DYSART RD
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)	1208	1377	2585
Average Speed (km/h)	41	41	41

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: C0017-01

Location: COWPER ST Between COLQUITZ AVE AND DYSART RD

DATE:	December 2, 2024		December 3, 2024		December 4, 2024		December 5, 2024		December 6, 2024		WEEKLY AVERAGE		WEEKLY AVERAGE	HOURLY		
	MON		TUE		WED		THURS		FRI		WEEKLY AVERAGE					
Time:	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	CH 1+2	%		
12-1 AM	9	5	9	3	6	4	6	2	13	8	9	4	13	0.5%		
1-2 AM	1	1	1	1	1	2	2	0	2	1	1	1	2	0.1%		
2-3 AM	2	3	0	1	2	3	1	2	3	4	2	3	4	0.2%		
3-4 AM	1	5	0	3	2	2	1	3	1	1	1	3	4	0.1%		
4-5 AM	4	4	1	2	0	2	0	3	2	2	1	3	4	0.2%		
5-6 AM	5	14	9	16	7	16	6	15	6	16	7	15	22	0.9%		
6-7 AM	22	40	20	42	15	54	24	49	29	49	22	47	69	2.7%		
7-8 AM	45	74	41	78	49	71	51	76	43	77	46	75	121	4.7%		
8-9 AM	91	90	75	97	81	99	72	89	100	92	84	93	177	6.9%		
9-10 AM	49	66	71	71	58	71	54	61	67	74	60	69	128	5.0%		
10-11 AM	56	60	67	71	78	65	79	69	78	60	72	65	137	5.3%		
11-12 PM	72	72	88	58	83	70	81	65	68	79	78	69	147	5.7%		
12-1 PM	97	72	74	58	78	66	93	86	86	65	86	69	155	6.0%		
1-2 PM	96	76	81	80	94	88	80	59	89	72	88	75	163	6.3%		
2-3 PM	95	85	86	80	89	89	81	97	102	123	91	95	185	7.2%		
3-4 PM	95	150	122	152	110	169	101	149	121	145	110	153	263	10.2%		
4-5 PM	107	157	94	202	116	220	118	161	114	148	110	178	287	11.1%		
5-6 PM	103	118	107	171	128	150	109	130	95	102	108	134	243	9.4%		
6-7 PM	76	63	67	86	72	63	72	81	73	73	72	73	145	5.6%		
7-8 PM	60	58	56	50	64	61	72	48	45	55	59	54	114	4.4%		
8-9 PM	42	45	32	30	39	42	39	49	39	23	38	38	76	2.9%		
9-10 PM	34	29	39	26	32	43	33	27	34	32	34	31	66	2.5%		
10-11 PM	14	14	20	20	15	13	22	23	19	16	18	17	35	1.4%		
11-12 AM	12	11	10	7	7	14	7	9	24	19	12	12	24	0.9%		
LANES	1188	1312	1170	1405	1226	1477	1204	1353	1253	1336	1208	1377	2585	100.0%		
TOTAL	2500		2575		2703		2557		2589		2585					
	MON		TUE		WED		THURS		FRI		WEEKLY AVERAGE					
PEAK HOUR						TOTAL VEHICLES-PEAK PERIODS					2 HOUR PEAK INTERVALS					
MAX. 7 - 9 am PEAK HOUR						177	→	6.9%	between	8-9 AM	1130	→	6 HR TOTAL	2 HR AM (7 - 9 AM)		
MAX. 7 - 11 am PEAK HOUR						177	→	6.9%	between	8-9 AM	828	→	4 HR TOTAL	VEH / HR	VEH / 2HR	2 HR %
MAX. 11 am - 1 pm PEAK						155	→	6.0%	between	12-1 PM	24 HOUR FACTORS					2 HR NOON (11 - 1 PM)
MAX. 11 am - 3 pm PEAK						185	→	7.2%	between	2-3 PM	2.29	→	6-24 HR FACT.	VEH / HR		2 HR %
MAX. 4 - 6 pm PEAK HOUR						287	→	11.1%	between	4-5 PM	3.12	→	4-24 HR FACT.	VEH / HR	VEH / 2HR	2 HR %
MAX. 3 - 6 pm PEAK HOUR						287	→	11.1%	between	4-5 PM	2 HR PM (4 - 6 PM)					2 HR %

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Vehicle Speed Summary

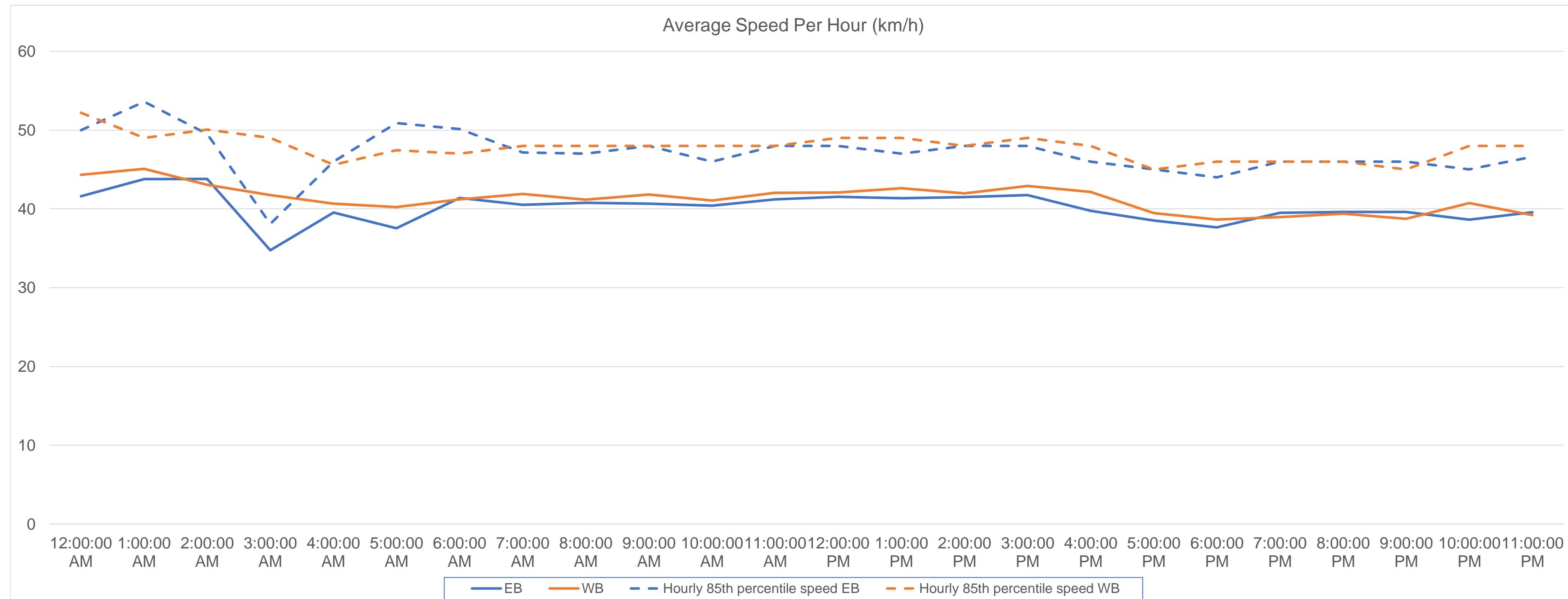


Station ID: C0017-01
 Location: COWPER ST between COLQUITZ AVE AND DYSART RD
 Dates: 11/30/2024 to 12/6/2024

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	176	186	619	1983	4362	4825	2698	871	199	60	16	11	4	1
Percent Total	1%	1%	4%	12%	27%	30%	17%	5%	1%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	94%	51%	6%
WB	94%	57%	8%
Combined	94%	54%	7%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	41 km/h	47 km/h	51 km/h
WB	41 km/h	48 km/h	52 km/h
Combined	41 km/h	48 km/h	52 km/h



Vehicle Class Summary

Station ID C0017-01
Location: COWPER ST
Dates: 11/30/2024 between to 12/6/2024 COLQUITZ AVE AND DYSART RD



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	18	7746	54	305	103	8226
WB	34	8368	46	446	4	8898
Total	52	16114	100	751	107	17124
Percentage of Total	0.30%	94.10%	0.58%	4.39%	0.62%	100.00%