

ROYAL OAK AVE
October 6, 2024

between
to

CHATTERTON WAY AND ROYAL OAK DR
October 12, 2024

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Overview

Vehicle Volume Summary

Vehicle Speed Summary

Vehicle Classification Summary



Overview

ROYAL OAK AVE
October 6, 2024

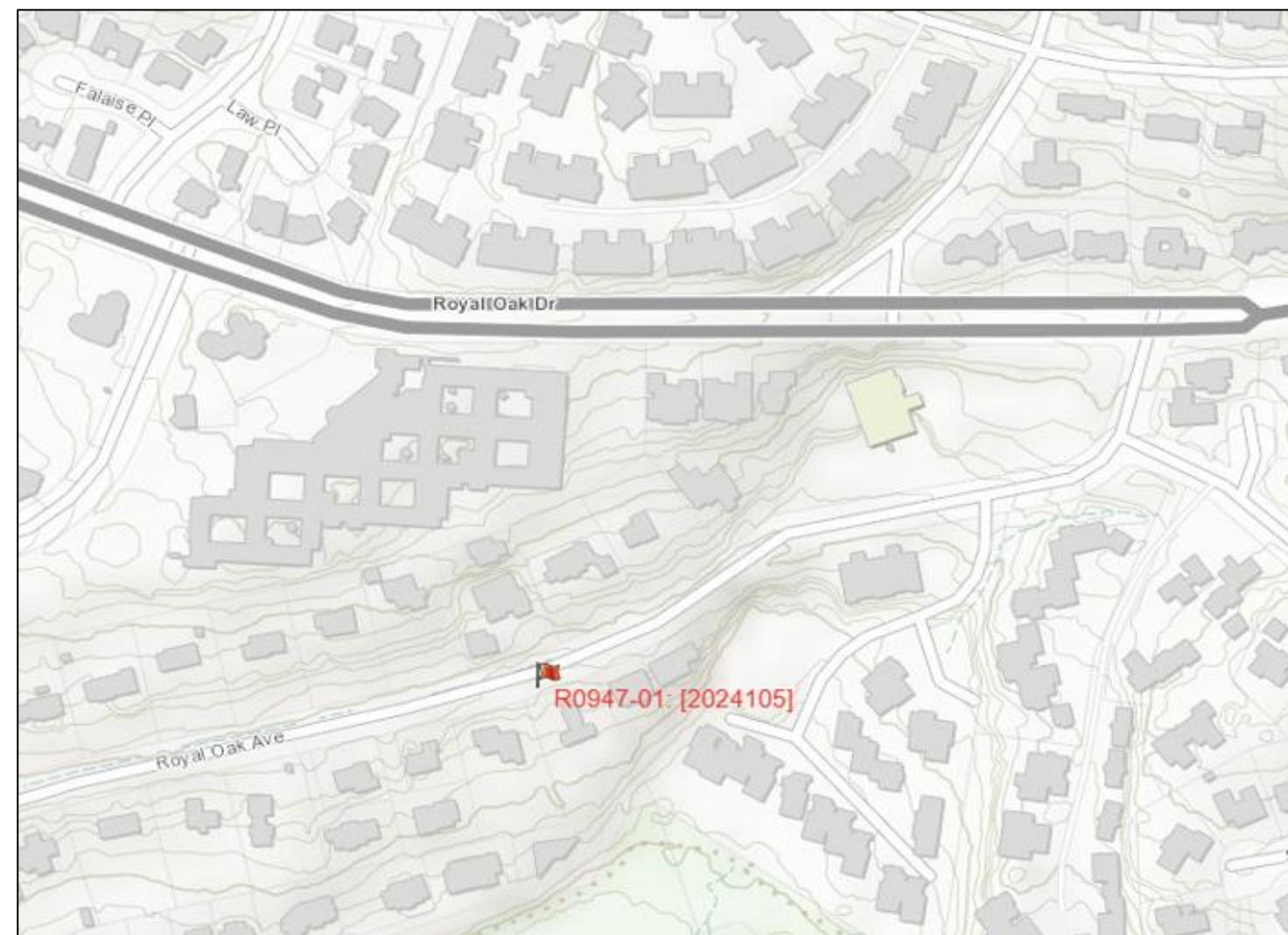
between CHATTERTON WAY AND ROYAL OAK DR
to October 12, 2024



Metric	EB	WB	Combined
Average Traffic Volume (weekdays)	429	477	906
Average Speed (km/h)	46	45	46

Weather Information	Value
Minimum Temperature	7 °C
Maximum Temperature	15 °C
Total Precipitation	7 mm

Location Map



Vehicle Volume Summary



Start Date: 10/6/2024
 Start Time: 12:00 AM
 Station ID: R0947-0

Location: ROYAL OAK AVE Between CHATTERTON WAY AND ROYAL OAK DR

DATE:	October 7, 2024		October 8, 2024		October 10, 2024		October 9, 2024		October 11, 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	0	0	0	1	0	0	1	0	1	0	0	0	1	0.1%
1-2 AM	0	1	0	1	0	0	1	0	1	0	0	0	1	0.1%
2-3 AM	0	0	3	0	0	0	0	1	0	0	1	0	1	0.1%
3-4 AM	0	0	1	0	0	0	0	1	0	0	0	0	0	0.0%
4-5 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0.0%
5-6 AM	1	0	2	0	0	1	5	2	0	1	2	1	2	0.3%
6-7 AM	3	5	4	4	2	5	5	0	3	2	3	3	7	0.7%
7-8 AM	17	25	15	20	16	23	21	19	17	21	17	22	39	4.3%
8-9 AM	44	62	41	52	49	52	31	51	43	50	42	53	95	10.5%
9-10 AM	22	27	26	29	26	41	23	30	22	34	24	32	56	6.2%
10-11 AM	27	36	21	26	37	26	30	25	25	36	28	30	58	6.4%
11-12 PM	31	31	20	19	38	37	29	30	32	32	30	30	60	6.6%
12-1 PM	36	35	31	35	31	42	33	28	35	32	33	34	68	7.5%
1-2 PM	36	48	31	38	28	48	24	35	28	37	29	41	71	7.8%
2-3 PM	44	38	43	37	49	50	43	41	46	39	45	41	86	9.5%
3-4 PM	33	41	39	53	45	55	36	48	40	69	39	53	92	10.1%
4-5 PM	34	33	42	52	36	26	36	49	33	33	36	39	75	8.3%
5-6 PM	34	20	33	38	33	33	36	26	34	35	34	30	64	7.1%
6-7 PM	20	27	22	27	27	18	23	22	24	23	23	23	47	5.1%
7-8 PM	9	15	9	10	26	15	17	14	20	17	16	14	30	3.4%
8-9 PM	9	6	16	9	10	11	8	13	14	10	11	10	21	2.3%
9-10 PM	9	4	3	8	14	31	4	13	13	3	9	12	20	2.3%
10-11 PM	7	4	3	5	3	6	2	5	5	4	4	5	9	1.0%
11-12 AM	0	3	2	4	5	2	2	1	1	2	2	2	4	0.5%
LANES	416	462	407	468	475	522	410	454	437	480	429	477	906	100.0%
TOTAL	878		875		997		864		917		906			
	MON		TUE		WED		THURS		FRI				WK AVG	
PEAK HOUR														
MAX. 7 - 9 am PEAK	95	➡	10.5%	between	8-9 AM		TOTAL VEHICLES-PEAK PERIODS			2 HOUR PEAK INTERVALS				
MAX. 7 - 11 am PEAK	95	➡	10.5%	between	8-9 AM		400	➡	6 HR TOTAL	2 HR AM (7 - 9 AM)				
MAX. 11 am - 1 pm PEAK	68	➡	7.5%	between	12-1 PM		273	➡	4 HR TOTAL	VEH / HR	VEH / 2HR	2 HR %	7-8 AM	39
MAX. 11 am - 3 pm PEAK	86	➡	9.5%	between	2-3 PM					8-9 AM	95		14.8%	
MAX. 4 - 6 pm PEAK	75	➡	8.3%	between	4-5 PM		24 HOUR FACTORS			2 HR NOON (11 - 1 PM)				
MAX. 3 - 6 pm PEAK	92	➡	10.1%	between	3-4 PM		2.26	➡	6-24 HR FACT.	VEH / HR	60	127	2 HR %	11-12 PM
							3.32	➡	4-24 HR FACT.	12-1 PM	68			
										2 HR PM (4 - 6 PM)				
										4-5 PM	75	139	2 HR %	4-5 PM
										5-6 PM	64			15.4%

Vehicle Speed Summary

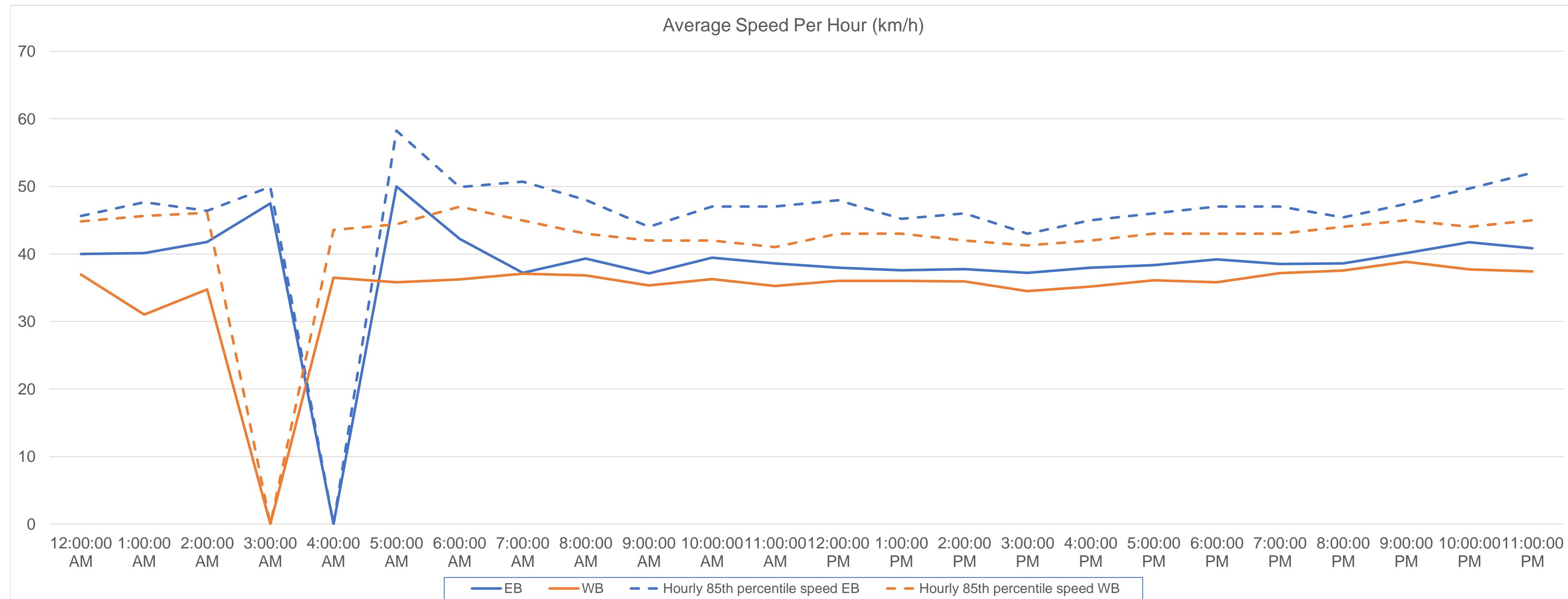


Station ID: R0947-0
 Location: ROYAL OAK AVE between CHATTERTON WAY AND ROYAL OAK DR
 Dates: 10/6/2024 to 10/12/2024

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	109	257	726	1490	1717	1212	525	157	35	10	2	1	0	1
Percent Total	2%	4%	12%	24%	28%	19%	8%	3%	1%	0%	0%	0%	0%	0%

Movements	Above 30 km/h	Above 40 km/h	Above 50 km/h
EB	86%	38%	5%
WB	79%	25%	2%
Combined	82%	31%	3%

Movements	Average Speed	85th Percentile Speed	95th Percentile Speed
EB	46 km/h	55 km/h	59 km/h
WB	45 km/h	52 km/h	57 km/h
Combined	46 km/h	53 km/h	58 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: R0947-0
Location: ROYAL OAK AVE
Dates: 10/6/2024 between to 10/12/2024 CHATTERTON WAY AND ROYAL OAK DR



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	3	2722	29	22	1	2777
WB	8	3063	39	9	0	3119
Total	11	5785	68	31	1	5896
Percentage of Total	0.19%	98.12%	1.15%	0.53%	0.02%	100.00%