



Major Road: ROYAL OAK DR
Minor Road: LOCHSIDE DR
Municipality: District of Saanich
File Name: Royal Oak Dr and Lochside Dr - November 2023.xlsx
Location #: TIN000962
Count ID: 2023078
Date: November 9, 2023
Day-of-week: Thursday

Intersection Type: 4-leg
Signalized: Yes
Weather: Cloudy, rain in afternoon, 8°

Vehicle Classification: Car, Trucks, Pedestrian, Bikes

Time of Day	Start	End	Duration
AM	07:30	09:30	02:00
MD	-	-	-
PM	14:00	18:00	04:00
Total	07:30	18:00	06:00

Notes

Comments

Royal Oak Dr and Lochside Dr - TMC

Thu Nov 9, 2023

Full Length (7:30 AM-9:30 AM, 2 PM-6 PM)

All Classes (Motorcycles, Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1133563, Location: 48.50135, -123.362021, Site Code:

TIN000962



McElhanney

Provided by: McElhanney Kamloops
710 Laval Crescent, Kamloops, BC, V2C5P3, CA

Leg Direction	Royal Oak Dr Eastbound						Royal Oak Dr Westbound						Lochside Dr Northbound						Lochside Dr Southbound						Int
	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	
2023-11-09 7:30AM	1	68	5	0	74	0	0	115	2	0	117	0	2	6	1	0	9	1	24	1	5	0	30	1	230
7:45AM	2	100	7	0	109	0	2	122	4	0	128	3	3	2	1	0	6	1	25	5	12	0	42	0	285
Hourly Total	3	168	12	0	183	0	2	237	6	0	245	3	5	8	2	0	15	2	49	6	17	0	72	1	515
8:00AM	1	174	8	0	183	0	3	127	11	0	141	2	3	1	2	0	6	0	34	3	8	0	45	0	375
8:15AM	7	133	17	0	157	1	3	123	8	0	134	19	5	2	1	0	8	18	14	1	11	0	26	2	325
8:30AM	4	139	19	0	162	0	1	164	13	0	178	106	26	0	2	0	28	98	14	13	9	0	36	23	404
8:45AM	8	111	2	0	121	0	3	172	16	0	191	10	10	2	2	0	14	6	25	2	20	0	47	1	373
Hourly Total	20	557	46	0	623	1	10	586	48	0	644	137	44	5	7	0	56	122	87	19	48	0	154	26	1477
9:00AM	1	94	2	0	97	0	0	125	8	0	133	2	1	1	0	0	2	5	15	2	15	0	32	1	264
9:15AM	3	109	3	0	115	0	0	99	7	0	106	5	1	2	1	0	4	0	14	1	10	0	25	1	250
Hourly Total	4	203	5	0	212	0	0	224	15	0	239	7	2	3	1	0	6	5	29	3	25	0	57	2	514
2:00PM	9	121	12	0	142	0	2	127	10	0	139	3	2	1	0	0	3	3	16	1	13	0	30	0	314
2:15PM	14	149	2	0	165	0	1	121	6	0	128	0	2	2	1	0	5	2	16	0	6	0	22	0	320
2:30PM	10	135	16	0	161	0	2	129	14	0	145	22	1	3	0	0	4	25	14	4	6	0	24	0	334
2:45PM	10	142	6	0	158	0	1	145	5	0	151	56	27	8	2	0	37	59	14	2	14	0	30	19	376
Hourly Total	43	547	36	0	626	0	6	522	35	0	563	81	32	14	3	0	49	89	60	7	39	0	106	19	1344
3:00PM	7	138	3	0	148	1	1	182	18	0	201	22	12	0	1	0	13	13	12	2	11	0	25	6	387
3:15PM	10	158	3	0	171	0	0	167	11	0	178	2	4	1	2	0	7	10	19	1	25	0	45	1	401
3:30PM	6	179	1	0	186	0	0	157	16	0	173	14	2	1	0	0	3	3	21	2	16	0	39	0	401
3:45PM	6	165	2	0	173	0	1	150	12	0	163	12	2	6	1	0	9	2	5	1	5	0	11	2	356
Hourly Total	29	640	9	0	678	1	2	656	57	0	715	50	20	8	4	0	32	28	57	6	57	0	120	9	1545
4:00PM	10	147	5	0	162	0	0	176	13	0	189	3	4	4	2	0	10	0	21	3	11	0	35	4	396
4:15PM	6	164	3	0	173	0	3	152	17	0	172	1	5	4	1	0	10	3	11	4	0	0	15	0	370
4:30PM	6	175	7	0	188	0	1	139	17	0	157	0	6	4	2	0	12	1	13	2	6	0	21	0	378
4:45PM	9	162	3	0	174	0	3	121	22	0	146	1	6	1	2	0	9	2	10	1	5	0	16	0	345
Hourly Total	31	648	18	0	697	0	7	588	69	0	664	5	21	13	7	0	41	6	55	10	22	0	87	4	1489
5:00PM	8	155	5	0	168	0	2	108	15	0	125	0	14	3	0	0	17	4	6	6	8	0	20	0	330
5:15PM	5	146	1	0	152	0	1	125	16	0	142	3	7	4	1	0	12	3	8	2	10	0	20	1	326
5:30PM	8	145	2	0	155	0	1	92	10	0	103	4	6	2	1	0	9	0	6	2	7	0	15	1	282
5:45PM	2	107	0	0	109	0	0	89	6	0	95	1	2	0	0	0	2	3	10	0	3	0	13	0	219
Hourly Total	23	553	8	0	584	0	4	414	47	0	465	8	29	9	2	0	40	10	30	10	28	0	68	2	1157
Total	153	3316	134	0	3603	2	31	3227	277	0	3535	291	153	60	26	0	239	262	367	61	236	0	664	63	8041
% Approach	4.2%	92.0%	3.7%	0%	-	-	0.9%	91.3%	7.8%	0%	-	-	64.0%	25.1%	10.9%	0%	-	-	55.3%	9.2%	35.5%	0%	-	-	-
% Total	1.9%	41.2%	1.7%	0%	44.8%	-	0.4%	40.1%	3.4%	0%	44.0%	-	1.9%	0.7%	0.3%	0%	3.0%	-	4.6%	0.8%	2.9%	0%	8.3%	-	-
Motorcycles	1	10	0	0	11	-	0	7	0	0	7	-	1	4	0	0	5	-	1	4	0	0	5	-	28
% Motorcycles	0.7%	0.3%	0%	0%	0.3%	-	0%	0.2%	0%	0%	0.2%	-	0.7%	6.7%	0%	0%	2.1%	-	0.3%	6.6%	0%	0%	0.8%	-	0.3%
Lights	149	3214	118	0	3481	-	27	3135	262	0	3424	-	130	10	25	0	165	-	351	15	226	0	592	-	7662
% Lights	97.4%	96.9%	88.1%	0%	96.6%	-	87.1%	97.1%	94.6%	0%	96.9%	-	85.0%	16.7%	96.2%	0%	69.0%	-	95.6%	24.6%	95.8%	0%	89.2%	-	95.3%
Single-Unit Trucks	0	28	1	0	29	-	0	26	4	0	30	-	1	0	0	0	1	-	1	1	2	0	4	-	64
% Single-Unit Trucks	0%	0.8%	0.7%	0%	0.8%	-	0%	0.8%	1.4%	0%	0.8%	-	0.7%	0%	0%	0%	0.4%	-	0.3%	1.6%	0.8%	0%	0.6%	-	0.8%
Articulated Trucks	0	6	0	0	6	-	0	4	0	0	4	-	0	0	0	0	0	-	0	0	0	0	0	-	10
% Articulated Trucks	0%	0.2%	0%	0%	0.2%	-	0%	0.1%	0%	0%	0.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Buses	0	47	0	0	47	-	0	41	3	0	44	-	0	1	0	0	1	-	0	0	1	0	1	-	93
% Buses	0%	1.4%	0%	0%	1.3%	-	0%	1.3%	1.1%	0%	1.2%	-	0%	1.7%	0%	0%	0.4%	-	0%	0%	0.4%	0%	0.2%	-	1.2%
Bicycles on Road	3	11	15	0	29	-	4	14	8	0	26	-	21	45	1	0	67	-	14	41	7	0	62	-	184
% Bicycles on Road	2.0%	0.3%	11.2%	0%	0.8%	-	12.9%	0.4%	2.9%	0%	0.7%	-	13.7%	75.0%	3.8%	0%	28.0%	-	3.8%	67.2%	3.0%	0%	9.3%	-	2.3%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	287	-	-	-	-	-	258	-	-	-	-	-	62	
% Pedestrians	-	-	-	-	-	0%	-	-	-	-	-	98.6%	-	-	-	-	-	98.5%	-	-	-	-	-	98.4%	
Bicycles on Crosswalk	-	-	-	-	-	2	-	-	-	-	-	4	-	-	-	-	-	4	-	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	-	100%	-	-	-	-	-	1.4%	-	-	-	-	-	1.5%	-	-	-	-	-	1.6%	

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Royal Oak Dr and Lochside Dr - TMC

Thu Nov 9, 2023

AM Peak (8 AM - 9 AM)

All Classes (Motorcycles, Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1133563, Location: 48.50135, -123.362021, Site Code:

TIN000962



McElhanney

Provided by: McElhanney Kamloops
710 Laval Crescent, Kamloops, BC, V2C5P3, CA

Leg Direction	Royal Oak Dr Eastbound						Royal Oak Dr Westbound						Lochside Dr Northbound						Lochside Dr Southbound						Int
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	Int
2023-11-09 8:00AM	1	174	8	0	183	0	3	127	11	0	141	2	3	1	2	0	6	0	34	3	8	0	45	0	375
8:15AM	7	133	17	0	157	1	3	123	8	0	134	19	5	2	1	0	8	18	14	1	11	0	26	2	325
8:30AM	4	139	19	0	162	0	1	164	13	0	178	106	26	0	2	0	28	98	14	13	9	0	36	23	404
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Total	20	557	46	0	623	1	10	586	48	0	644	137	44	5	7	0	56	122	87	19	48	0	154	26	1477
% Approach	3.2%	89.4%	7.4%	0%	-	-	1.6%	91.0%	7.5%	0%	-	-	78.6%	8.9%	12.5%	0%	-	-	56.5%	12.3%	31.2%	0%	-	-	-
% Total	1.4%	37.7%	3.1%	0%	42.2%	-	0.7%	39.7%	3.2%	0%	43.6%	-	3.0%	0.3%	0.5%	0%	3.8%	-	5.9%	1.3%	3.2%	0%	10.4%	-	-
PHF	0.625	0.803	0.579	-	0.861	-	0.750	0.851	0.719	-	0.843	-	0.396	0.500	0.875	-	0.452	-	0.652	0.300	0.575	-	0.767	-	0.913
Motorcycles	0	1	0	0	1	-	0	2	0	0	2	-	0	0	0	0	0	-	0	0	0	0	0	-	3
% Motorcycles	0%	0.2%	0%	0%	0.2%	-	0%	0.3%	0%	0%	0.3%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
Lights	20	537	44	0	601	-	6	568	42	0	616	-	38	2	7	0	47	-	85	6	46	0	137	-	1401
% Lights	100%	96.4%	95.7%	0%	96.5%	-	60.0%	96.9%	87.5%	0%	95.7%	-	86.4%	40.0%	100%	0%	83.9%	-	97.7%	31.6%	95.8%	0%	89.0%	-	94.9%
Single-Unit Trucks	0	6	0	0	6	-	0	3	3	0	6	-	0	0	0	0	0	-	1	0	0	0	1	-	13
% Single-Unit Trucks	0%	1.1%	0%	0%	1.0%	-	0%	0.5%	6.3%	0%	0.9%	-	0%	0%	0%	0%	0%	-	1.1%	0%	0%	0%	0.6%	-	0.9%
Articulated Trucks	0	4	0	0	4	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	5
% Articulated Trucks	0%	0.7%	0%	0%	0.6%	-	0%	0.2%	0%	0%	0.2%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.3%
Buses	0	8	0	0	8	-	0	8	1	0	9	-	0	0	0	0	0	-	0	0	0	0	0	-	17
% Buses	0%	1.4%	0%	0%	1.3%	-	0%	1.4%	2.1%	0%	1.4%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.2%
Bicycles on Road	0	1	2	0	3	-	4	4	2	0	10	-	6	3	0	0	9	-	1	13	2	0	16	-	38
% Bicycles on Road	0%	0.2%	4.3%	0%	0.5%	-	40.0%	0.7%	4.2%	0%	1.6%	-	13.6%	60.0%	0%	0%	16.1%	-	1.1%	68.4%	4.2%	0%	10.4%	-	2.6%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	137	-	-	-	-	-	121	-	-	-	-	-	26	
% Pedestrians	-	-	-	-	-	0%	-	-	-	-	-	100%	-	-	-	-	-	99.2%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	1	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	100%	-	-	-	-	-	0%	-	-	-	-	-	0.8%	-	-	-	-	-	0%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Royal Oak Dr and Lochside Dr - TMC

Thu Nov 9, 2023

AM Peak (8 AM - 9 AM)

All Classes (Motorcycles, Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1133563, Location: 48.50135, -123.362021, Site

Code: TIN000962



McElhanney

Provided by: McElhanney Kamloops
710 Laval Crescent, Kamloops, BC, V2C5P3, CA

[N] Lochside Dr

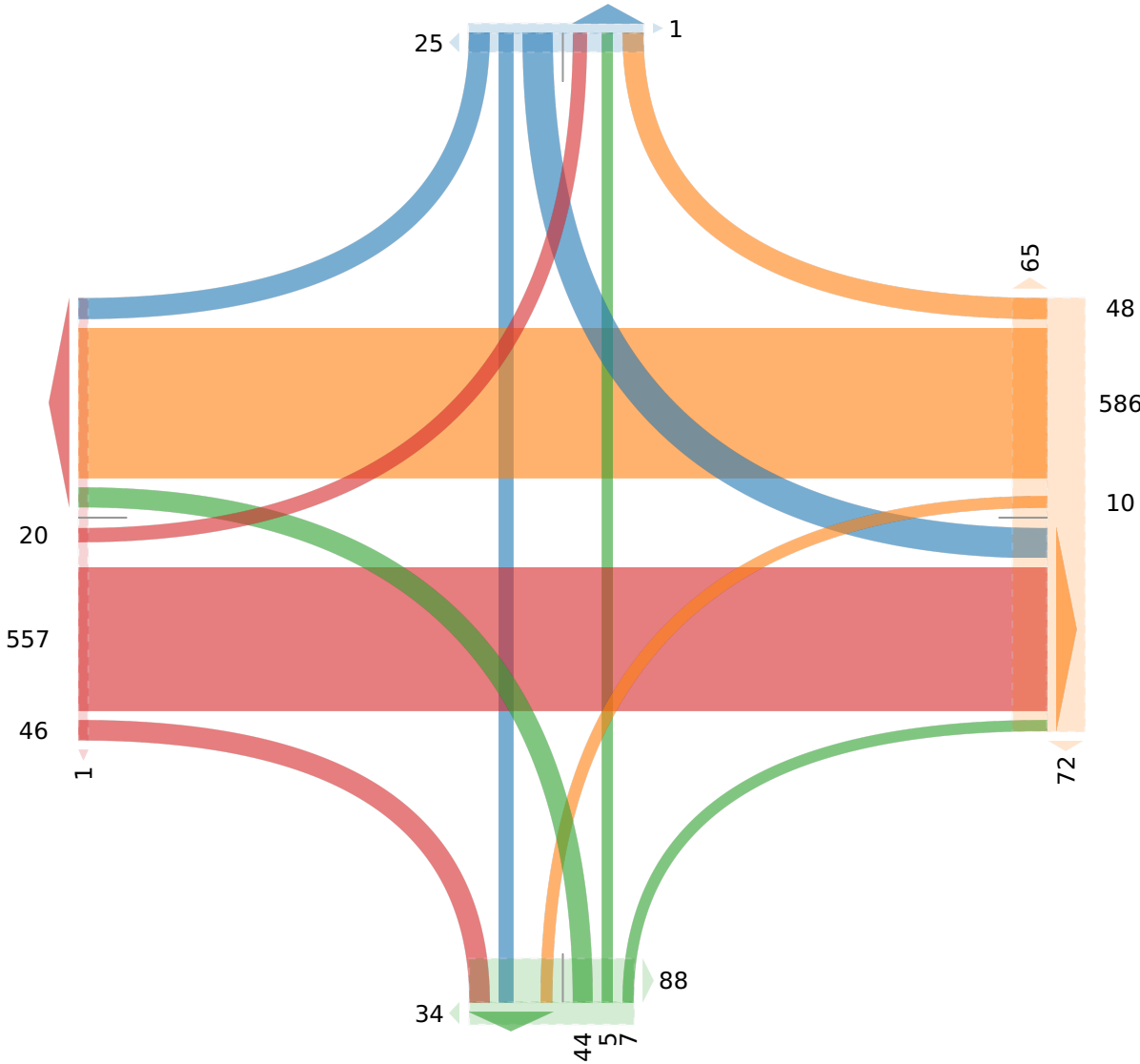
Total: 227

In: 154 Out: 73

48
19
87

25 1

[W] Royal Oak Dr
Total: 1301
In: 623 Out: 678



In: 644
Total: 1295
Out: 651
[E] Royal Oak Dr

Out: 75 In: 56

Total: 131

[S] Lochside Dr

Royal Oak Dr and Lochside Dr - TMC

Thu Nov 9, 2023

PM Peak (2:45 PM - 3:45 PM) - Overall Peak Hour

All Classes (Motorcycles, Lights, Single-Unit Trucks, Articulated Trucks, Buses, Pedestrians, Bicycles on Road, Bicycles on Crosswalk)

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Leg Direction	Royal Oak Dr Eastbound						Royal Oak Dr Westbound						Lochside Dr Northbound						Lochside Dr Southbound						Int
Time	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	L	T	R	U	App	Ped*	
2023-11-09 2:45PM	10	142	6	0	158	0	1	145	5	0	151	56	27	8	2	0	37	59	14	2	14	0	30	19	376
3:00PM	7	138	3	0	148	1	1	182	18	0	201	22	12	0	1	0	13	13	12	2	11	0	25	6	387
3:15PM	10	158	3	0	171	0	0	167	11	0	178	2	4	1	2	0	7	10	19	1	25	0	45	1	401
3:30PM	6	179	1	0	186	0	0	157	16	0	173	14	2	1	0	0	3	3	21	2	16	0	39	0	401
Total	33	617	13	0	663	1	2	651	50	0	703	94	45	10	5	0	60	85	66	7	66	0	139	26	1565
% Approach	5.0%	93.1%	2.0%	0%	-	-	0.3%	92.6%	7.1%	0%	-	-	75.0%	16.7%	8.3%	0%	-	-	47.5%	5.0%	47.5%	0%	-	-	-
% Total	2.1%	39.4%	0.8%	0%	42.4%	-	0.1%	41.6%	3.2%	0%	44.9%	-	2.9%	0.6%	0.3%	0%	3.8%	-	4.2%	0.4%	4.2%	0%	8.9%	-	-
PHF	0.825	0.860	0.458	-	0.891	-	0.500	0.890	0.694	-	0.871	-	0.404	0.250	0.625	-	0.398	-	0.788	0.500	0.660	-	0.744	-	0.971
Motorcycles	1	4	0	0	5	-	0	2	0	0	2	-	0	0	0	0	0	-	1	0	0	0	1	-	8
% Motorcycles	3.0%	0.6%	0%	0%	0.8%	-	0%	0.3%	0%	0%	0.3%	-	0%	0%	0%	0%	0%	-	1.5%	0%	0%	0%	0.7%	-	0.5%
Lights	32	592	11	0	635	-	2	626	50	0	678	-	42	3	5	0	50	-	62	2	66	0	130	-	1493
% Lights	97.0%	95.9%	84.6%	0%	95.8%	-	100%	96.2%	100%	0%	96.4%	-	93.3%	30.0%	100%	0%	83.3%	-	93.9%	28.6%	100%	0%	93.5%	-	95.4%
Single-Unit Trucks	0	9	0	0	9	-	0	11	0	0	11	-	0	0	0	0	0	-	0	0	0	0	0	-	20
% Single-Unit Trucks	0%	1.5%	0%	0%	1.4%	-	0%	1.7%	0%	0%	1.6%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.3%
Articulated Trucks	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	1
% Articulated Trucks	0%	0%	0%	0%	0%	-	0%	0.2%	0%	0%	0.1%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.1%
Buses	0	7	0	0	7	-	0	8	0	0	8	-	0	1	0	0	1	-	0	0	0	0	0	-	16
% Buses	0%	1.1%	0%	0%	1.1%	-	0%	1.2%	0%	0%	1.1%	-	0%	10.0%	0%	0%	1.7%	-	0%	0%	0%	0%	0%	-	1.0%
Bicycles on Road	0	5	2	0	7	-	0	3	0	0	3	-	3	6	0	0	9	-	3	5	0	0	8	-	27
% Bicycles on Road	0%	0.8%	15.4%	0%	1.1%	-	0%	0.5%	0%	0%	0.4%	-	6.7%	60.0%	0%	0%	15.0%	-	4.5%	71.4%	0%	0%	5.8%	-	1.7%
Pedestrians	-	-	-	-	-	0	-	-	-	-	-	94	-	-	-	-	-	85	-	-	-	-	-	25	
% Pedestrians	-	-	-	-	-	0%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	96.2%	-
Bicycles on Crosswalk	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	
% Bicycles on Crosswalk	-	-	-	-	-	100%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	3.8%	-

*Pedestrians and Bicycles on Crosswalk. L: Left, R: Right, T: Thru, U: U-Turn

Royal Oak Dr and Lochside Dr - TMC

Thu Nov 9, 2023

PM Peak (2:45 PM - 3:45 PM) - Overall Peak Hour

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Provided by: McElhanney Kamloops
710 Laval Crescent, Kamloops, BC, V2C5P3, CA

[N] Lochside Dr

Total: 232

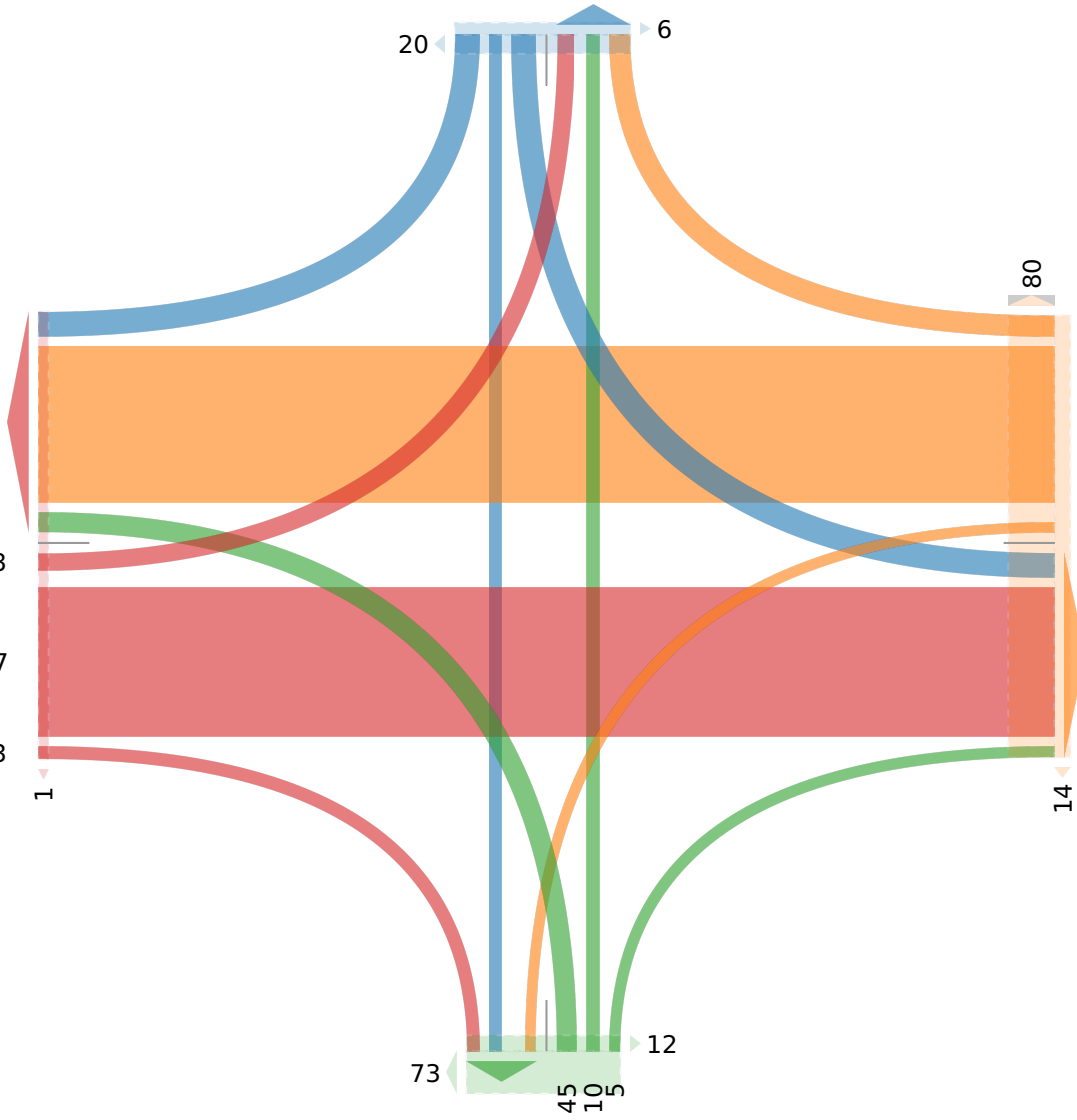
In: 139 Out: 93

66 7 66

20 6

[W] Royal Oak Dr
Total: 1425
In: 663 Out: 762

33
617
13
1



50
651
2
14
Out: 688 In: 703
Total: 1391
[E] Royal Oak Dr

Out: 22 In: 60
Total: 82

[S] Lochside Dr