



**Major Road:** HELMCKEN RD  
**Minor Road:** HOLLAND AVE  
**Municipality:** District of Saanich  
**File Name:** Helmcken Rd and Holland Ave - October 2024  
**Location #:** TIN001364  
**Count ID:**  
**Date:** October 31, 2024  
**Day-of-week:** Thursday

**Intersection Type:** 3-leg  
**Signalized:** No  
**Weather:** Partly Cloudy, 5°

**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**

# Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

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: 1243266, Location: 48.469938, -123.422542,

Site Code: TIN001364



# McElhanney

Provided by: McElhanney Kamloops  
970 McMaster Way, 310, Kamloops, BC, V2C 6K2, CA

Leg Direction	Helmcken Rd Eastbound					Helmcken Rd Westbound					Sidewalk Only Northbound		Holland Ave Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	App	Ped*	L	R	U	App	Ped*	Int
2024-10-31 7:30AM	14	160	0	174	0	117	1	0	118	0	0	0	1	10	0	11	1	303
7:45AM	12	116	0	128	0	127	1	0	128	0	0	1	0	9	0	9	1	265
Hourly Total	26	276	0	302	0	244	2	0	246	0	0	1	1	19	0	20	2	568
8:00AM	16	140	0	156	0	105	0	0	105	0	0	1	0	14	0	14	0	275
8:15AM	12	127	0	139	0	141	1	0	142	0	0	0	0	21	0	21	0	302
8:30AM	6	145	0	151	0	134	0	0	134	0	0	0	0	16	0	16	0	301
8:45AM	19	131	0	150	0	153	0	0	153	0	0	0	0	9	0	9	0	312
Hourly Total	53	543	0	596	0	533	1	0	534	0	0	1	0	60	0	60	0	1190
9:00AM	13	111	0	124	0	122	0	0	122	0	0	0	0	13	0	13	0	259
9:15AM	10	129	0	139	0	121	0	0	121	0	0	0	0	8	0	8	2	268
Hourly Total	23	240	0	263	0	243	0	0	243	0	0	0	0	21	0	21	2	527
2:00PM	13	159	0	172	0	164	1	0	165	0	0	1	0	5	0	5	0	342
2:15PM	14	147	0	161	0	176	0	0	176	0	0	1	0	8	0	8	0	345
2:30PM	21	140	1	162	0	140	0	0	140	0	0	1	0	9	0	9	1	311
2:45PM	21	149	0	170	0	173	1	0	174	0	0	0	0	14	0	14	0	358
Hourly Total	69	595	1	665	0	653	2	0	655	0	0	3	0	36	0	36	1	1356
3:00PM	14	111	0	125	0	156	1	0	157	0	0	0	1	28	0	29	1	311
3:15PM	20	138	0	158	0	124	2	0	126	0	0	1	0	22	0	22	0	306
3:30PM	25	120	0	145	0	111	0	0	111	0	0	1	0	24	0	24	2	280
3:45PM	24	125	0	149	0	137	0	0	137	0	0	0	0	24	0	24	0	310
Hourly Total	83	494	0	577	0	528	3	0	531	0	0	2	1	98	0	99	3	1207
4:00PM	23	119	0	142	0	115	0	0	115	0	0	2	0	34	0	34	1	291
4:15PM	26	132	0	158	0	105	1	0	106	1	0	6	0	42	0	42	3	306
4:30PM	15	130	0	145	0	113	1	0	114	0	0	2	0	35	0	35	2	294
4:45PM	13	127	0	140	0	149	1	0	150	0	0	0	1	31	0	32	0	322
Hourly Total	77	508	0	585	0	482	3	0	485	1	0	10	1	142	0	143	6	1213
5:00PM	8	113	0	121	0	122	0	0	122	0	0	2	2	24	0	26	0	269
5:15PM	11	117	0	128	0	126	0	0	126	0	0	1	0	36	0	36	3	290
5:30PM	15	119	0	134	0	153	0	0	153	0	0	0	0	26	0	26	0	313
5:45PM	14	143	0	157	0	117	0	0	117	0	0	1	0	9	0	9	0	283
Hourly Total	48	492	0	540	0	518	0	0	518	0	0	4	2	95	0	97	3	1155
<b>Total</b>	379	3148	1	3528	0	3201	11	0	3212	1	0	21	5	471	0	476	17	7216
<b>% Approach</b>	10.7%	89.2%	0%	-	-	99.7%	0.3%	0%	-	-	-	-	1.1%	98.9%	0%	-	-	-
<b>% Total</b>	5.3%	43.6%	0%	48.9%	-	44.4%	0.2%	0%	44.5%	-	0%	-	0.1%	6.5%	0%	6.6%	-	-
<b>Motorcycles</b>	1	11	0	12	-	13	0	0	13	-	0	-	0	4	0	4	-	29
<b>% Motorcycles</b>	0.3%	0.3%	0%	0.3%	-	0.4%	0%	0%	0.4%	-	-	-	0%	0.8%	0%	0.8%	-	0.4%
<b>Lights</b>	355	3040	1	3396	-	3080	11	0	3091	-	0	-	5	438	0	443	-	6930
<b>% Lights</b>	93.7%	96.6%	100%	96.3%	-	96.2%	100%	0%	96.2%	-	-	-	100%	93.0%	0%	93.1%	-	96.0%
<b>Single-Unit Trucks</b>	4	52	0	56	-	59	0	0	59	-	0	-	0	7	0	7	-	122
<b>% Single-Unit Trucks</b>	1.1%	1.7%	0%	1.6%	-	1.8%	0%	0%	1.8%	-	-	-	0%	1.5%	0%	1.5%	-	1.7%
<b>Articulated Trucks</b>	0	2	0	2	-	5	0	0	5	-	0	-	0	0	0	0	-	7
<b>% Articulated Trucks</b>	0%	0.1%	0%	0.1%	-	0.2%	0%	0%	0.2%	-	-	-	0%	0%	0%	0%	-	0.1%
<b>Buses</b>	11	28	0	39	-	27	0	0	27	-	0	-	0	12	0	12	-	78
<b>% Buses</b>	2.9%	0.9%	0%	1.1%	-	0.8%	0%	0%	0.8%	-	-	-	0%	2.5%	0%	2.5%	-	1.1%
<b>Bicycles on Road</b>	8	15	0	23	-	17	0	0	17	-	0	-	0	10	0	10	-	50
<b>% Bicycles on Road</b>	2.1%	0.5%	0%	0.7%	-	0.5%	0%	0%	0.5%	-	-	-	0%	2.1%	0%	2.1%	-	0.7%
<b>Pedestrians</b>	-	-	-	-	0	-	-	-	-	1	-	19	-	-	-	-	17	-
<b>% Pedestrians</b>	-	-	-	-	-	-	-	-	-	100%	-	90.5%	-	-	-	-	100%	-
<b>Bicycles on Crosswalk</b>	-	-	-	-	0	-	-	-	-	0	-	2	-	-	-	-	0	-
<b>% Bicycles on Crosswalk</b>	-	-	-	-	-	-	-	-	-	0%	-	9.5%	-	-	-	-	0%	-

Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

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: 1243266, Location: 48.469938, -123.422542,

Site Code: TIN001364



McElhanney

Provided by: McElhanney Kamloops  
970 McMaster Way, 310, Kamloops, BC, V2C 6K2, CA

[N] Holland Ave

Total: 866

In: 476 Out: 390

471  
5

9

8

1

11

3201

Out: 3153 In: 3212

Total: 6365

[E] Helmcken Rd

[W] Helmcken Rd

Total: 7201  
In: 3528 Out: 3673

1

379

3148

9

12

[S] Sidewalk Only

# Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

AM Peak (8 AM - 9 AM)

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

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Leg Direction	Helmcken Rd Eastbound					Helmcken Rd Westbound					Sidewalk Only Northbound		Holland Ave Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	App	Ped*	L	R	U	App	Ped*	Int
2024-10-31 8:00AM	16	140	0	156	0	105	0	0	105	0	0	1	0	14	0	14	0	275
8:15AM	12	127	0	139	0	141	1	0	142	0	0	0	0	21	0	21	0	302
8:30AM	6	145	0	151	0	134	0	0	134	0	0	0	0	16	0	16	0	301
8:45AM	19	131	0	150	0	153	0	0	153	0	0	0	0	9	0	9	0	312
<b>Total</b>	53	543	0	596	0	533	1	0	534	0	0	1	0	60	0	60	0	1190
<b>% Approach</b>	8.9%	91.1%	0%	-	-	99.8%	0.2%	0%	-	-	-	-	0%	100%	0%	-	-	-
<b>% Total</b>	4.5%	45.6%	0%	50.1%	-	44.8%	0.1%	0%	44.9%	-	0%	-	0%	5.0%	0%	5.0%	-	-
<b>PHF</b>	0.618	0.917	-	0.959	-	0.869	0.250	-	0.871	-	-	-	-	0.690	-	0.690	-	0.947
<b>Motorcycles</b>	0	1	0	1	-	2	0	0	2	-	0	-	0	0	0	0	-	3
<b>% Motorcycles</b>	0%	0.2%	0%	0.2%	-	0.4%	0%	0%	0.4%	-	-	-	0%	0%	0%	0%	-	0.3%
<b>Lights</b>	45	511	0	556	-	507	1	0	508	-	0	-	0	56	0	56	-	1120
<b>% Lights</b>	84.9%	94.1%	0%	93.3%	-	95.1%	100%	0%	95.1%	-	-	-	0%	93.3%	0%	93.3%	-	94.1%
<b>Single-Unit Trucks</b>	0	14	0	14	-	15	0	0	15	-	0	-	0	0	0	0	-	29
<b>% Single-Unit Trucks</b>	0%	2.6%	0%	2.3%	-	2.8%	0%	0%	2.8%	-	-	-	0%	0%	0%	0%	-	2.4%
<b>Articulated Trucks</b>	0	1	0	1	-	0	0	0	0	-	0	-	0	0	0	0	-	1
<b>% Articulated Trucks</b>	0%	0.2%	0%	0.2%	-	0%	0%	0%	0%	-	-	-	0%	0%	0%	0%	-	0.1%
<b>Buses</b>	2	5	0	7	-	8	0	0	8	-	0	-	0	2	0	2	-	17
<b>% Buses</b>	3.8%	0.9%	0%	1.2%	-	1.5%	0%	0%	1.5%	-	-	-	0%	3.3%	0%	3.3%	-	1.4%
<b>Bicycles on Road</b>	6	11	0	17	-	1	0	0	1	-	0	-	0	2	0	2	-	20
<b>% Bicycles on Road</b>	11.3%	2.0%	0%	2.9%	-	0.2%	0%	0%	0.2%	-	-	-	0%	3.3%	0%	3.3%	-	1.7%
<b>Pedestrians</b>	-	-	-	-	0	-	-	-	-	0	-	1	-	-	-	-	0	-
<b>% Pedestrians</b>	-	-	-	-	-	-	-	-	-	-	-	100%	-	-	-	-	-	-
<b>Bicycles on Crosswalk</b>	-	-	-	-	0	-	-	-	-	0	-	0	-	-	-	-	0	-
<b>% Bicycles on Crosswalk</b>	-	-	-	-	-	-	-	-	-	-	-	0%	-	-	-	-	-	-

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

Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

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

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**McElhanney**

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970 McMaster Way, 310, Kamloops, BC, V2C 6K2, CA

[N] Holland Ave

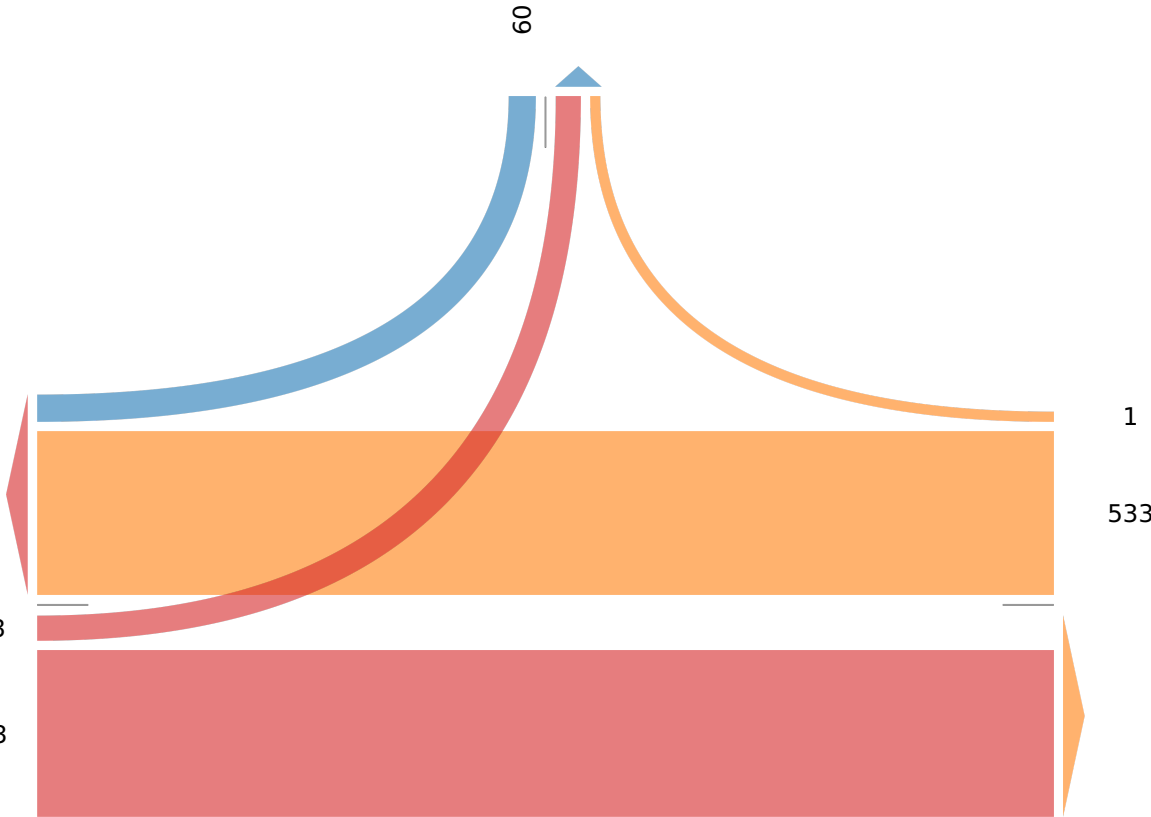
Total: 114  
In: 60 Out: 54

60

[W] Helmcken Rd

Total: 1189  
In: 596 Out: 593

53  
543



1  
533

Out: 543 In: 534  
Total: 1077  
[E] Helmcken Rd



[S] Sidewalk Only

# Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

PM Peak (2 PM - 3 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	Helmcken Rd Eastbound					Helmcken Rd Westbound					Sidewalk Only Northbound		Holland Ave Southbound					
Time	L	T	U	App	Ped*	T	R	U	App	Ped*	App	Ped*	L	R	U	App	Ped*	Int
2024-10-31 2:00PM	13	159	0	172	0	164	1	0	165	0	0	1	0	5	0	5	0	342
2:15PM	14	147	0	161	0	176	0	0	176	0	0	1	0	8	0	8	0	345
2:30PM	21	140	1	162	0	140	0	0	140	0	0	1	0	9	0	9	1	311
2:45PM	21	149	0	170	0	173	1	0	174	0	0	0	0	14	0	14	0	358
Total	69	595	1	665	0	653	2	0	655	0	0	3	0	36	0	36	1	1356
% Approach	10.4%	89.5%	0.2%	-	-	99.7%	0.3%	0%	-	-	-	-	0%	100%	0%	-	-	-
% Total	5.1%	43.9%	0.1%	49.0%	-	48.2%	0.1%	0%	48.3%	-	0%	-	0%	2.7%	0%	2.7%	-	-
PHF	0.821	0.940	0.250	0.971	-	0.925	0.500	-	0.928	-	-	-	-	0.643	-	0.643	-	0.947
Motorcycles	0	3	0	3	-	3	0	0	3	-	0	-	0	0	0	0	-	6
% Motorcycles	0%	0.5%	0%	0.5%	-	0.5%	0%	0%	0.5%	-	-	-	0%	0%	0%	0%	-	0.4%
Lights	66	567	1	634	-	630	2	0	632	-	0	-	0	35	0	35	-	1301
% Lights	95.7%	95.3%	100%	95.3%	-	96.5%	100%	0%	96.5%	-	-	-	0%	97.2%	0%	97.2%	-	95.9%
Single-Unit Trucks	1	16	0	17	-	15	0	0	15	-	0	-	0	1	0	1	-	33
% Single-Unit Trucks	1.4%	2.7%	0%	2.6%	-	2.3%	0%	0%	2.3%	-	-	-	0%	2.8%	0%	2.8%	-	2.4%
Articulated Trucks	0	1	0	1	-	1	0	0	1	-	0	-	0	0	0	0	-	2
% Articulated Trucks	0%	0.2%	0%	0.2%	-	0.2%	0%	0%	0.2%	-	-	-	0%	0%	0%	0%	-	0.1%
Buses	2	7	0	9	-	2	0	0	2	-	0	-	0	0	0	0	-	11
% Buses	2.9%	1.2%	0%	1.4%	-	0.3%	0%	0%	0.3%	-	-	-	0%	0%	0%	0%	-	0.8%
Bicycles on Road	0	1	0	1	-	2	0	0	2	-	0	-	0	0	0	0	-	3
% Bicycles on Road	0%	0.2%	0%	0.2%	-	0.3%	0%	0%	0.3%	-	-	-	0%	0%	0%	0%	-	0.2%
Pedestrians	-	-	-	-	0	-	-	-	-	0	-	1	-	-	-	-	1	
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	33.3%	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	0	-	2	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	-	-	-	-	-	-	66.7%	-	-	-	-	0%	

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

Helmcken Rd and Holland Ave - TMC

Thu Oct 31, 2024

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

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

All Movements

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**McElhanney**

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[N] Holland Ave

Total: 107  
In: 36 Out: 71

