



**Major Road:** Midgard Ave  
**Minor Road:** Palo Alto St  
**Municipality:** District of Saanich  
**File Name:** 1013386 - Midgard Ave and Palo Alto St.xlsx  
**Location #:** TIN000176  
**Count ID:** 2022035  
**Date:** October 26, 2022  
**Day-of-week:** Wednesday

**Intersection Type:** 4-leg  
**Signalized:** Wednesday  
Overcast with  
Scattered  
**Weather:** Showers, 12°

**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
<b>Total</b>	07:30	18:00	06:00

**Notes**

**Comments**

Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

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: 1013386, Location: 48.463606, -123.328932, Site Code:

TIN000176



McElhanney

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

Leg Direction	Palo Alto St Southbound						Midgard Ave Westbound						Palo Alto St Northbound						Midgard Ave Eastbound						Int
	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	
2022-10-26 7:30AM	0	2	1	0	3	4	1	4	3	0	8	2	0	2	0	0	2	0	0	3	0	0	3	1	16
7:45AM	0	7	1	0	8	2	0	1	5	0	6	4	3	0	1	0	4	0	0	3	0	0	3	0	21
Hourly Total	0	9	2	0	11	6	1	5	8	0	14	6	3	2	1	0	6	0	0	6	0	0	6	1	37
8:00AM	0	4	0	0	4	4	0	7	1	0	8	3	0	1	1	0	2	0	0	7	0	0	7	0	21
8:15AM	0	5	4	0	9	5	2	6	3	0	11	2	4	1	1	0	6	0	1	13	1	0	15	0	41
8:30AM	0	5	0	0	5	5	1	5	5	0	11	3	3	2	2	0	7	0	1	6	0	0	7	1	30
8:45AM	1	9	3	0	13	4	1	15	3	0	19	9	1	1	2	0	4	0	3	8	0	0	11	0	47
Hourly Total	1	23	7	0	31	18	4	33	12	0	49	17	8	5	6	0	19	0	5	34	1	0	40	1	139
9:00AM	0	6	3	0	9	5	1	4	3	0	8	6	2	1	1	0	4	0	2	8	0	0	10	0	31
9:15AM	0	4	1	0	5	4	1	3	3	0	7	3	4	0	1	0	5	0	2	6	0	0	8	1	25
9:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	10	4	0	14	9	2	7	6	0	15	9	6	1	2	0	9	0	4	14	0	0	18	1	56
2:00PM	0	5	4	0	9	3	2	7	6	0	15	8	0	0	1	0	1	0	3	8	0	0	11	0	36
2:15PM	0	6	1	0	7	2	1	4	6	0	11	7	5	1	2	0	8	0	0	6	1	0	7	0	33
2:30PM	0	7	2	0	9	6	4	9	4	0	17	2	2	0	3	0	5	0	3	3	0	0	6	0	37
2:45PM	1	1	1	0	3	6	2	13	4	0	19	10	1	2	0	0	3	0	4	7	0	0	11	0	36
Hourly Total	1	19	8	0	28	17	9	33	20	0	62	27	8	3	6	0	17	0	10	24	1	0	35	0	142
3:00PM	0	3	0	0	3	8	0	4	2	0	6	7	2	2	4	0	8	0	4	3	1	0	8	0	25
3:15PM	1	6	1	0	8	2	2	5	2	0	9	3	0	2	0	0	2	0	3	2	0	0	5	1	24
3:30PM	0	6	0	0	6	5	0	13	4	0	17	4	3	3	3	0	9	0	1	6	0	0	7	0	39
3:45PM	0	4	2	0	6	3	3	6	2	0	11	8	1	5	2	0	8	0	5	5	0	0	10	0	35
Hourly Total	1	19	3	0	23	18	5	28	10	0	43	22	6	12	9	0	27	0	13	16	1	0	30	1	123
4:00PM	0	6	1	0	7	4	1	5	3	0	9	4	0	4	3	0	7	0	2	6	1	0	9	0	32
4:15PM	0	4	2	0	6	3	2	8	4	0	14	5	0	4	4	0	8	0	4	11	1	0	16	0	44
4:30PM	0	8	0	0	8	8	2	15	6	0	23	1	4	2	3	0	9	0	1	5	1	0	7	1	47
4:45PM	0	6	1	0	7	6	4	14	6	0	24	2	1	3	4	0	8	0	5	8	1	0	14	0	53
Hourly Total	0	24	4	0	28	21	9	42	19	0	70	12	5	13	14	0	32	0	12	30	4	0	46	1	176
5:00PM	0	7	1	0	8	5	0	1	2	0	3	3	3	4	4	0	11	0	6	12	1	0	19	2	41
5:15PM	0	4	1	0	5	1	2	11	1	0	14	5	1	6	2	0	9	0	5	11	1	0	17	0	45
5:30PM	1	1	2	0	4	3	2	6	4	0	12	6	1	4	0	0	5	1	3	8	0	0	11	0	32
5:45PM	0	6	1	0	7	7	0	8	4	0	12	4	1	2	2	0	5	0	3	6	0	0	9	0	33
Hourly Total	1	18	5	0	24	16	4	26	11	0	41	18	6	16	8	0	30	1	17	37	2	0	56	2	151
6:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>122</b>	<b>33</b>	<b>0</b>	<b>159</b>	<b>105</b>	<b>34</b>	<b>174</b>	<b>86</b>	<b>0</b>	<b>294</b>	<b>111</b>	<b>42</b>	<b>52</b>	<b>46</b>	<b>0</b>	<b>140</b>	<b>1</b>	<b>61</b>	<b>161</b>	<b>9</b>	<b>0</b>	<b>231</b>	<b>7</b>	<b>824</b>
<b>% Approach</b>	2.5%	76.7%	20.8%	0%	-	-	11.6%	59.2%	29.3%	0%	-	-	30.0%	37.1%	32.9%	0%	-	-	26.4%	69.7%	3.9%	0%	-	-	-
<b>% Total</b>	0.5%	14.8%	4.0%	0%	19.3%	-	4.1%	21.1%	10.4%	0%	35.7%	-	5.1%	6.3%	5.6%	0%	17.0%	-	7.4%	19.5%	1.1%	0%	28.0%	-	-
<b>Motorcycles</b>	0	1	0	0	1	-	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	2
<b>% Motorcycles</b>	0%	0.8%	0%	0%	0.6%	-	0%	0.6%	0%	0%	0.3%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.2%
<b>Lights</b>	3	109	26	0	138	-	20	146	67	0	233	-	28	43	46	0	117	-	56	138	9	0	203	-	691
<b>% Lights</b>	75.0%	89.3%	78.8%	0%	86.8%	-	58.8%	83.9%	77.9%	0%	79.3%	-	66.7%	82.7%	100%	0%	83.6%	-	91.8%	85.7%	100%	0%	87.9%	-	83.9%
<b>Single-Unit Trucks</b>	0	0	0	0	0	-	0	1	0	0	1	-	0	1	0	0	1	-	1	0	0	0	1	-	3
<b>% Single-Unit Trucks</b>	0%	0%	0%	0%	0%	-	0%	0.6%	0%	0%	0.3%	-	0%	1.9%	0%	0%	0.7%	-	1.6%	0%	0%	0%	0.4%	-	0.4%
<b>Articulated Trucks</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	1	0	0	0	1	-	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	1.6%	0%	0%	0%	0.4%	-	0.1%
<b>Buses</b>	0	0	0	0	0	-	0	2	0	0	2	-	0	0	0	0	0	-	1	0	0	0	1	-	3
<b>% Buses</b>	0%	0%	0%	0%	0%	-	0%	1.1%	0%	0%	0.7%	-	0%	0%	0%	0%	0%	-	1.6%	0%	0%	0%	0.4%	-	0.4%
<b>Bicycles on Road</b>	1	12	7	0	20	-	14	24	19	0	57	-	14	8	0	0	22	-	2	23	0	0	25	-	124
<b>% Bicycles on Road</b>	25.0%	9.8%	21.2%	0%	12.6%	-	41.2%	13.8%	22.1%	0%	19.4%	-	33.3%	15.4%	0%	0%	15.7%	-	3.3%	14.3%	0%	0%	10.8%	-	15.0%
<b>Pedestrians</b>	-	-	-	-	-	100	-	-	-	-	-	111	-	-	-	-	-	1	-	-	-	-	-	6	
<b>% Pedestrians</b>	-	-	-	-	-	95.2%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	85.7%	
<b>Bicycles on Crosswalk</b>	-	-	-	-	-	5	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	
<b>% Bicycles on Crosswalk</b>	-	-	-	-	-	4.8%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	14.3%	

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

Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

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: 1013386, Location: 48.463606, -123.328932,

Site Code: TIN000176



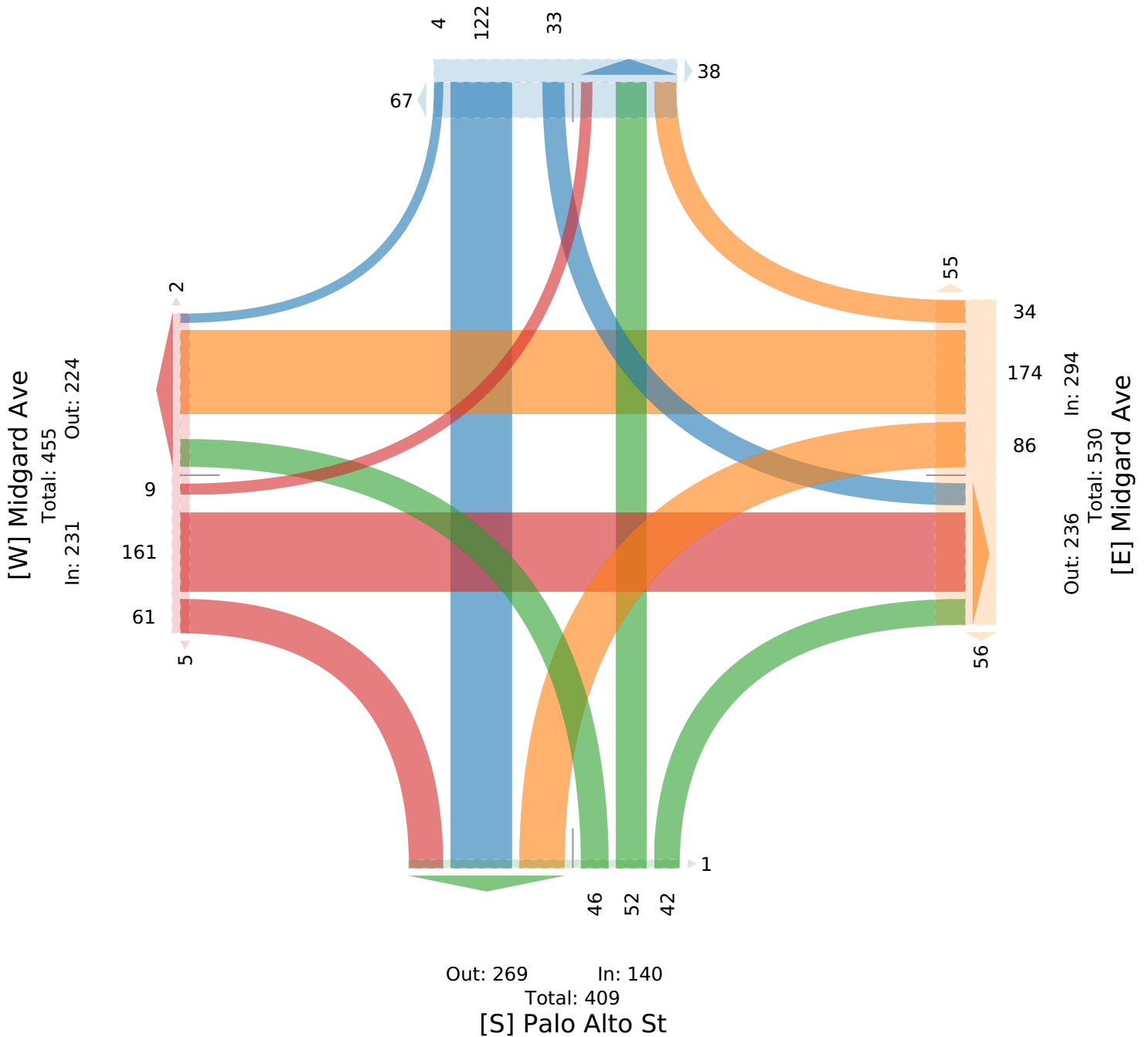
**McElhanney**

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

[N] Palo Alto St

Total: 254

In: 159 Out: 95



Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

AM Peak (8:15 AM - 9:15 AM)

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

All Movements

ID: 1013386, Location: 48.463606, -123.328932, Site Code:

TIN000176



**McElhanney**

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

Leg Direction	Palo Alto St Southbound						Midgard Ave Westbound						Palo Alto St Northbound						Midgard Ave Eastbound						Int
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	
2022-10-26 8:15AM	0	5	4	0	9	5	2	6	3	0	11	2	4	1	1	0	6	0	1	13	1	0	15	0	41
8:30AM	0	5	0	0	5	5	1	5	5	0	11	3	3	2	2	0	7	0	1	6	0	0	7	1	30
8:45AM	1	9	3	0	13	4	1	15	3	0	19	9	1	1	2	0	4	0	3	8	0	0	11	0	47
9:00AM	0	6	3	0	9	5	1	4	3	0	8	6	2	1	1	0	4	0	2	8	0	0	10	0	31
<b>Total</b>	1	25	10	0	36	19	5	30	14	0	49	20	10	5	6	0	21	0	7	35	1	0	43	1	149
<b>% Approach</b>	2.8%	69.4%	27.8%	0%	-	-	10.2%	61.2%	28.6%	0%	-	-	47.6%	23.8%	28.6%	0%	-	-	16.3%	81.4%	2.3%	0%	-	-	-
<b>% Total</b>	0.7%	16.8%	6.7%	0%	24.2%	-	3.4%	20.1%	9.4%	0%	32.9%	-	6.7%	3.4%	4.0%	0%	14.1%	-	4.7%	23.5%	0.7%	0%	28.9%	-	-
<b>PHF</b>	0.250	0.786	0.500	-	0.806	-	0.625	0.483	0.650	-	0.618	-	0.750	0.625	0.750	-	0.708	-	0.583	0.659	0.250	-	0.712	-	0.793
<b>Motorcycles</b>	0	1	0	0	1	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	1
<b>% Motorcycles</b>	0%	4.0%	0%	0%	2.8%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0.7%
<b>Lights</b>	1	21	6	0	28	-	5	29	13	0	47	-	6	5	6	0	17	-	7	29	1	0	37	-	129
<b>% Lights</b>	100%	84.0%	60.0%	0%	77.8%	-	100%	96.7%	92.9%	0%	95.9%	-	60.0%	100%	100%	0%	81.0%	-	100%	82.9%	100%	0%	86.0%	-	86.6%
<b>Single-Unit Trucks</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Single-Unit Trucks</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Articulated Trucks</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Buses</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Buses</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Bicycles on Road</b>	0	3	4	0	7	-	0	1	1	0	2	-	4	0	0	0	4	-	0	6	0	0	6	-	19
<b>% Bicycles on Road</b>	0%	12.0%	40.0%	0%	19.4%	-	0%	3.3%	7.1%	0%	4.1%	-	40.0%	0%	0%	0%	19.0%	-	0%	17.1%	0%	0%	14.0%	-	12.8%
<b>Pedestrians</b>	-	-	-	-	-	18	-	-	-	-	-	20	-	-	-	-	-	0	-	-	-	-	-	1	
<b>% Pedestrians</b>	-	-	-	-	-	94.7%	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	100%	-
<b>Bicycles on Crosswalk</b>	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
<b>% Bicycles on Crosswalk</b>	-	-	-	-	-	5.3%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	-	-	0%	-

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

Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

AM Peak (8:15 AM - 9:15 AM)

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

All Movements

ID: 1013386, Location: 48.463606, -123.328932,

Site Code: TIN000176



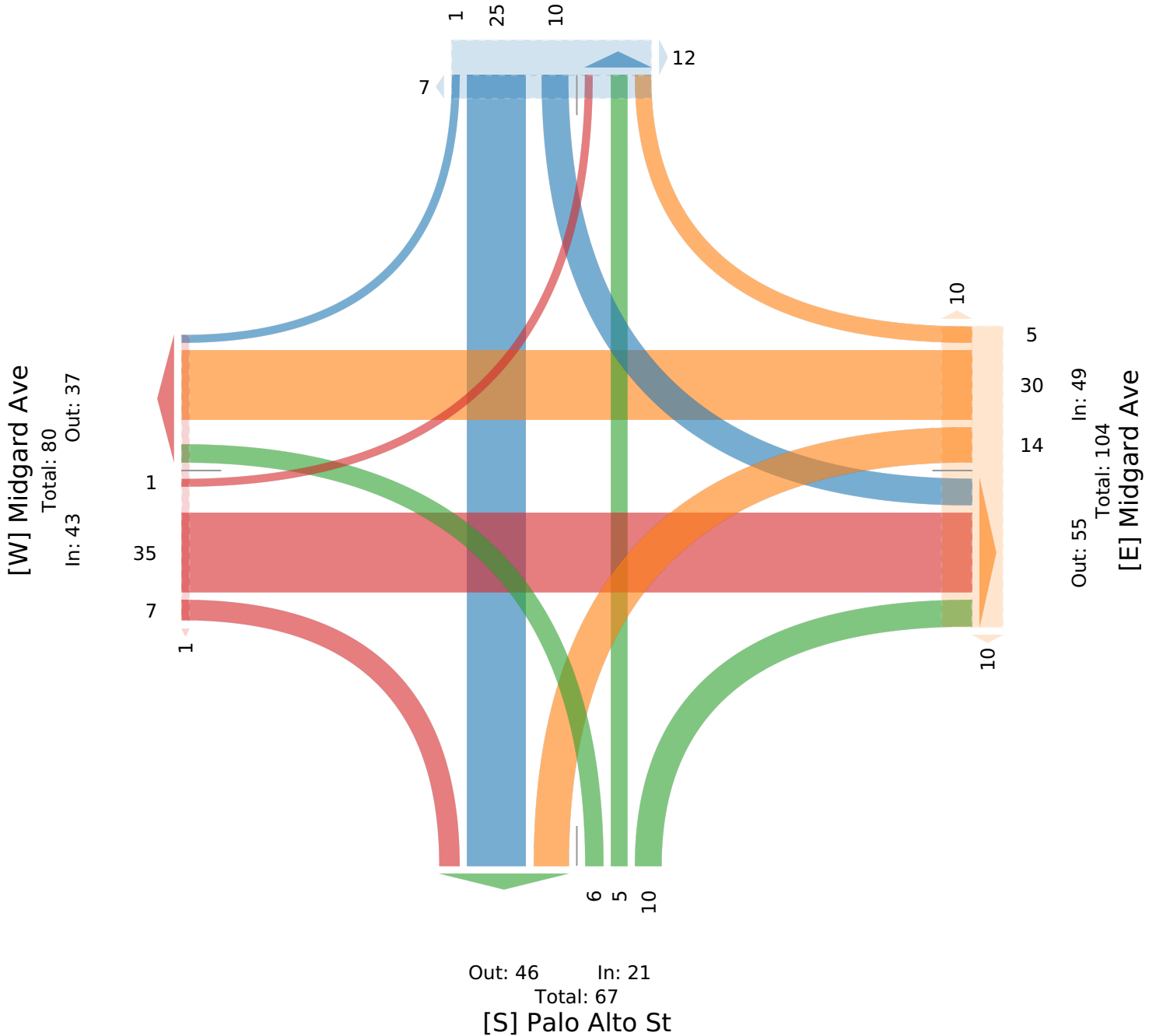
McElhanney

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

[N] Palo Alto St

Total: 47

In: 36 Out: 11



Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

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

All Movements

ID: 1013386, Location: 48.463606, -123.328932, Site Code: TIN000176



**McElhanney**

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

Leg Direction	Palo Alto St Southbound						Midgard Ave Westbound						Palo Alto St Northbound						Midgard Ave Eastbound						
Time	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	R	T	L	U	App	Ped*	Int
2022-10-26 4:15PM	0	4	2	0	6	3	2	8	4	0	14	5	0	4	4	0	8	0	4	11	1	0	16	0	44
4:30PM	0	8	0	0	8	8	2	15	6	0	23	1	4	2	3	0	9	0	1	5	1	0	7	1	47
4:45PM	0	6	1	0	7	6	4	14	6	0	24	2	1	3	4	0	8	0	5	8	1	0	14	0	53
5:00PM	0	7	1	0	8	5	0	1	2	0	3	3	3	4	4	0	11	0	6	12	1	0	19	2	41
<b>Total</b>	0	25	4	0	29	22	8	38	18	0	64	11	8	13	15	0	36	0	16	36	4	0	56	3	185
<b>% Approach</b>	0%	86.2%	13.8%	0%	-	-	12.5%	59.4%	28.1%	0%	-	-	22.2%	36.1%	41.7%	0%	-	-	28.6%	64.3%	7.1%	0%	-	-	-
<b>% Total</b>	0%	13.5%	2.2%	0%	15.7%	-	4.3%	20.5%	9.7%	0%	34.6%	-	4.3%	7.0%	8.1%	0%	19.5%	-	8.6%	19.5%	2.2%	0%	30.3%	-	-
<b>PHF</b>	-	0.719	0.500	-	0.844	-	0.417	0.589	0.550	-	0.557	-	0.500	0.688	0.938	-	0.938	-	0.667	0.688	1.000	-	0.697	-	0.828
<b>Motorcycles</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Motorcycles</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Lights</b>	0	23	4	0	27	-	5	33	11	0	49	-	4	11	15	0	30	-	16	33	4	0	53	-	159
<b>% Lights</b>	0%	92.0%	100%	0%	93.1%	-	62.5%	86.8%	61.1%	0%	76.6%	-	50.0%	84.6%	100%	0%	83.3%	-	100%	91.7%	100%	0%	94.6%	-	85.9%
<b>Single-Unit Trucks</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Single-Unit Trucks</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Articulated Trucks</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Buses</b>	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
<b>% Buses</b>	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
<b>Bicycles on Road</b>	0	2	0	0	2	-	3	5	7	0	15	-	4	2	0	0	6	-	0	3	0	0	3	-	26
<b>% Bicycles on Road</b>	0%	8.0%	0%	0%	6.9%	-	37.5%	13.2%	38.9%	0%	23.4%	-	50.0%	15.4%	0%	0%	16.7%	-	0%	8.3%	0%	0%	5.4%	-	14.1%
<b>Pedestrians</b>	-	-	-	-	-	21	-	-	-	-	-	11	-	-	-	-	-	0	-	-	-	-	-	2	-
<b>% Pedestrians</b>	-	-	-	-	-	95.5%	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	66.7%	-
<b>Bicycles on Crosswalk</b>	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	1	-
<b>% Bicycles on Crosswalk</b>	-	-	-	-	-	4.5%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	-	-	33.3%	-

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

Midgard Ave and Palo Alto St - TMC

Wed Oct 26, 2022

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

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

All Movements

ID: 1013386, Location: 48.463606, -123.328932,

Site Code: TIN000176



**McElhanney**

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

[N] Palo Alto St

Total: 54

In: 29 Out: 25

