



**Major Road:** Tyndall Ave  
**Minor Road:** Hillcrest Ave  
**Municipality:** District of Saanich  
**File Name:** 1013432 - Tyndall Ave and Hillcrest Ave.xlsx  
**Location #:** TIN000359  
**Count ID:** 2022054  
**Date:** October 25, 2022  
**Day-of-week:** Tuesday

**Intersection Type:** 3-leg  
**Signalized:** Tuesday  
**Weather:** Rain, 10°

**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**

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 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: 1013432, Location: 48.485059, -123.32041,

Site Code: TIN000359



**McElhanney**

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

Leg Direction	Tyndall Ave Southbound					Hillcrest Ave Westbound					Tyndall Ave Northbound					No access, sidewalk only Eastbound			Int
	Time	T	L	U	App	Ped*	R	L	U	App	Ped*	R	T	U	App	Ped*	App	Ped*	
2022-10-25 7:30AM	37	2	0	39	2	3	11	0	14	0	6	21	0	27	0	0	1	80	
7:45AM	29	1	0	30	0	7	24	0	31	0	8	25	0	33	0	0	4	94	
Hourly Total	66	3	0	69	2	10	35	0	45	0	14	46	0	60	0	0	5	174	
8:00AM	52	4	0	56	3	6	13	0	19	1	17	17	0	34	0	0	4	109	
8:15AM	55	5	0	60	1	1	15	0	16	0	17	30	0	47	0	0	8	123	
8:30AM	56	2	0	58	0	3	27	0	30	0	62	35	0	97	0	0	3	185	
8:45AM	54	4	0	58	0	12	54	0	66	0	21	33	0	54	0	0	7	178	
Hourly Total	217	15	0	232	4	22	109	0	131	1	117	115	0	232	0	0	22	595	
9:00AM	32	4	0	36	0	7	15	0	22	0	7	27	0	34	0	0	2	92	
9:15AM	22	2	0	24	0	5	6	0	11	0	7	16	0	23	0	0	3	58	
9:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	54	6	0	60	0	12	21	0	33	0	14	43	0	57	0	0	5	150	
2:00PM	30	2	0	32	0	6	15	0	21	0	15	14	0	29	0	0	6	82	
2:15PM	23	3	0	26	0	6	6	0	12	0	31	29	0	60	0	0	1	98	
2:30PM	36	5	0	41	0	6	26	0	32	1	31	29	0	60	0	0	0	133	
2:45PM	41	2	0	43	0	7	46	0	53	1	13	23	0	36	0	0	2	132	
Hourly Total	130	12	0	142	0	25	93	0	118	2	90	95	0	185	0	0	9	445	
3:00PM	28	6	0	34	0	1	16	0	17	0	21	46	0	67	0	0	1	118	
3:15PM	37	3	1	41	1	2	17	0	19	0	16	36	0	52	0	0	9	112	
3:30PM	25	5	0	30	6	4	9	0	13	0	12	37	0	49	0	0	10	92	
3:45PM	30	2	0	32	1	5	9	0	14	0	14	32	0	46	0	0	3	92	
Hourly Total	120	16	1	137	8	12	51	0	63	0	63	151	0	214	0	0	23	414	
4:00PM	27	6	0	33	0	4	9	0	13	0	14	44	1	59	0	0	5	105	
4:15PM	29	1	0	30	2	1	9	0	10	0	22	47	0	69	0	0	2	109	
4:30PM	35	5	0	40	2	4	16	0	20	0	22	48	0	70	2	0	6	130	
4:45PM	33	5	0	38	1	2	14	0	16	0	14	43	0	57	0	0	4	111	
Hourly Total	124	17	0	141	5	11	48	0	59	0	72	182	1	255	2	0	17	455	
5:00PM	42	5	0	47	0	4	10	0	14	0	21	48	0	69	0	0	0	130	
5:15PM	32	5	0	37	0	6	16	0	22	0	19	36	0	55	0	0	1	114	
5:30PM	39	2	0	41	0	0	11	0	11	0	11	45	0	56	0	0	1	108	
5:45PM	36	6	0	42	0	7	11	0	18	0	12	43	0	55	0	0	2	115	
Hourly Total	149	18	0	167	0	17	48	0	65	0	63	172	0	235	0	0	4	467	
<b>Total</b>	860	87	1	948	19	109	405	0	514	3	433	804	1	1238	2	0	85	2700	
<b>% Approach</b>	90.7%	9.2%	0.1%	-	-	21.2%	78.8%	0%	-	-	35.0%	64.9%	0.1%	-	-	-	-	-	
<b>% Total</b>	31.9%	3.2%	0%	35.1%	-	4.0%	15.0%	0%	19.0%	-	16.0%	29.8%	0%	45.9%	-	0%	-	-	
<b>Motorcycles</b>	3	1	0	4	-	2	0	0	2	-	2	1	0	3	-	0	-	9	
<b>% Motorcycles</b>	0.3%	1.1%	0%	0.4%	-	1.8%	0%	0%	0.4%	-	0.5%	0.1%	0%	0.2%	-	-	-	0.3%	
<b>Lights</b>	819	77	1	897	-	102	389	0	491	-	420	764	1	1185	-	0	-	2573	
<b>% Lights</b>	95.2%	88.5%	100%	94.6%	-	93.6%	96.0%	0%	95.5%	-	97.0%	95.0%	100%	95.7%	-	-	-	95.3%	
<b>Single-Unit Trucks</b>	6	1	0	7	-	0	4	0	4	-	2	7	0	9	-	0	-	20	
<b>% Single-Unit Trucks</b>	0.7%	1.1%	0%	0.7%	-	0%	1.0%	0%	0.8%	-	0.5%	0.9%	0%	0.7%	-	-	-	0.7%	
<b>Articulated Trucks</b>	0	0	0	0	-	0	0	0	0	-	0	3	0	3	-	0	-	3	
<b>% Articulated Trucks</b>	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0.4%	0%	0.2%	-	-	-	0.1%	
<b>Buses</b>	22	1	0	23	-	0	0	0	0	-	1	21	0	22	-	0	-	45	
<b>% Buses</b>	2.6%	1.1%	0%	2.4%	-	0%	0%	0%	0%	-	0.2%	2.6%	0%	1.8%	-	-	-	1.7%	
<b>Bicycles on Road</b>	10	7	0	17	-	5	12	0	17	-	8	8	0	16	-	0	-	50	
<b>% Bicycles on Road</b>	1.2%	8.0%	0%	1.8%	-	4.6%	3.0%	0%	3.3%	-	1.8%	1.0%	0%	1.3%	-	-	-	1.9%	
<b>Pedestrians</b>	-	-	-	-	19	-	-	-	-	2	-	-	-	-	2	-	-	79	
<b>% Pedestrians</b>	-	-	-	-	100%	-	-	-	-	66.7%	-	-	-	-	100%	-	-	92.9%	
<b>Bicycles on Crosswalk</b>	-	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-	6	
<b>% Bicycles on Crosswalk</b>	-	-	-	-	0%	-	-	-	-	33.3%	-	-	-	-	0%	-	-	7.1%	

Leg Direction	Tyndall Ave Southbound	Hillcrest Ave Westbound	Tyndall Ave Northbound	No access, sidewalk only Eastbound	
Time	T L U <b>App</b> Ped*	R L U <b>App</b> Ped*	R T U <b>App</b> Ped*	<b>App</b> Ped*	<b>Int</b>

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

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 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: 1013432, Location: 48.485059, -123.32041, Site

Code: TIN000359



**McElhanney**

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

[N] Tyndall Ave

Total: 1862

In: 948

Out: 914

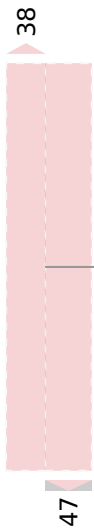


Out: 520 In: 514

Total: 1034

[E] Hillcrest Ave

[W] No access, sidewalk only



Out: 1266

In: 1238

Total: 2504

[S] Tyndall Ave

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 2022

AM Peak (8 AM - 9 AM) - Overall Peak Hour

All Classes (Motorcycles, Lights, Single-Unit

Trucks, Articulated Trucks, Buses, Pedestrians,

Bicycles on Road, Bicycles on Crosswalk)

All Movements

ID: 1013432, Location: 48.485059, -123.32041,

Site Code: TIN000359



**McElhanney**

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

Leg Direction	Tyndall Ave Southbound					Hillcrest Ave Westbound					Tyndall Ave Northbound					No access, sidewalk only Eastbound			
Time	T	L	U	App	Ped*	R	L	U	App	Ped*	R	T	U	App	Ped*	App	Ped*	Int	
2022-10-25 8:00AM	52	4	0	56	3	6	13	0	19	1	17	17	0	34	0	0	0	4	109
8:15AM	55	5	0	60	1	1	15	0	16	0	17	30	0	47	0	0	0	8	123
8:30AM	56	2	0	58	0	3	27	0	30	0	62	35	0	97	0	0	0	3	185
8:45AM	54	4	0	58	0	12	54	0	66	0	21	33	0	54	0	0	0	7	178
<b>Total</b>	217	15	0	232	4	22	109	0	131	1	117	115	0	232	0	0	0	22	595
<b>% Approach</b>	93.5%	6.5%	0%	-	-	16.8%	83.2%	0%	-	-	50.4%	49.6%	0%	-	-	-	-	-	-
<b>% Total</b>	36.5%	2.5%	0%	39.0%	-	3.7%	18.3%	0%	22.0%	-	19.7%	19.3%	0%	39.0%	-	0%	-	-	-
<b>PHF</b>	0.946	0.750	-	0.966	-	0.458	0.505	-	0.496	-	0.475	0.821	-	0.603	-	-	-	-	0.792
<b>Motorcycles</b>	0	0	0	0	-	1	0	0	1	-	1	0	0	1	-	0	0	-	2
<b>% Motorcycles</b>	0%	0%	0%	0%	-	4.5%	0%	0%	0.8%	-	0.9%	0%	0%	0.4%	-	-	-	-	0.3%
<b>Lights</b>	208	12	0	220	-	21	103	0	124	-	112	109	0	221	-	0	0	-	565
<b>% Lights</b>	95.9%	80.0%	0%	94.8%	-	95.5%	94.5%	0%	94.7%	-	95.7%	94.8%	0%	95.3%	-	-	-	-	95.0%
<b>Single-Unit Trucks</b>	1	0	0	1	-	0	2	0	2	-	1	2	0	3	-	0	0	-	6
<b>% Single-Unit Trucks</b>	0.5%	0%	0%	0.4%	-	0%	1.8%	0%	1.5%	-	0.9%	1.7%	0%	1.3%	-	-	-	-	1.0%
<b>Articulated Trucks</b>	0	0	0	0	-	0	0	0	0	-	0	1	0	1	-	0	0	-	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	0.9%	0%	0.4%	-	-	-	-	0.2%
<b>Buses</b>	3	0	0	3	-	0	0	0	0	-	0	3	0	3	-	0	0	-	6
<b>% Buses</b>	1.4%	0%	0%	1.3%	-	0%	0%	0%	0%	-	0%	2.6%	0%	1.3%	-	-	-	-	1.0%
<b>Bicycles on Road</b>	5	3	0	8	-	0	4	0	4	-	3	0	0	3	-	0	0	-	15
<b>% Bicycles on Road</b>	2.3%	20.0%	0%	3.4%	-	0%	3.7%	0%	3.1%	-	2.6%	0%	0%	1.3%	-	-	-	-	2.5%
<b>Pedestrians</b>	-	-	-	-	4	-	-	-	-	1	-	-	-	-	0	-	-	-	21
<b>% Pedestrians</b>	-	-	-	-	100%	-	-	-	-	100%	-	-	-	-	-	-	-	-	95.5%
<b>Bicycles on Crosswalk</b>	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	-	1
<b>% Bicycles on Crosswalk</b>	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	-	-	-	-	4.5%

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

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 2022

AM Peak (8 AM - 9 AM) - Overall Peak Hour

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

All Movements

ID: 1013432, Location: 48.485059, -123.32041, Site

Code: TIN000359



**McElhanney**

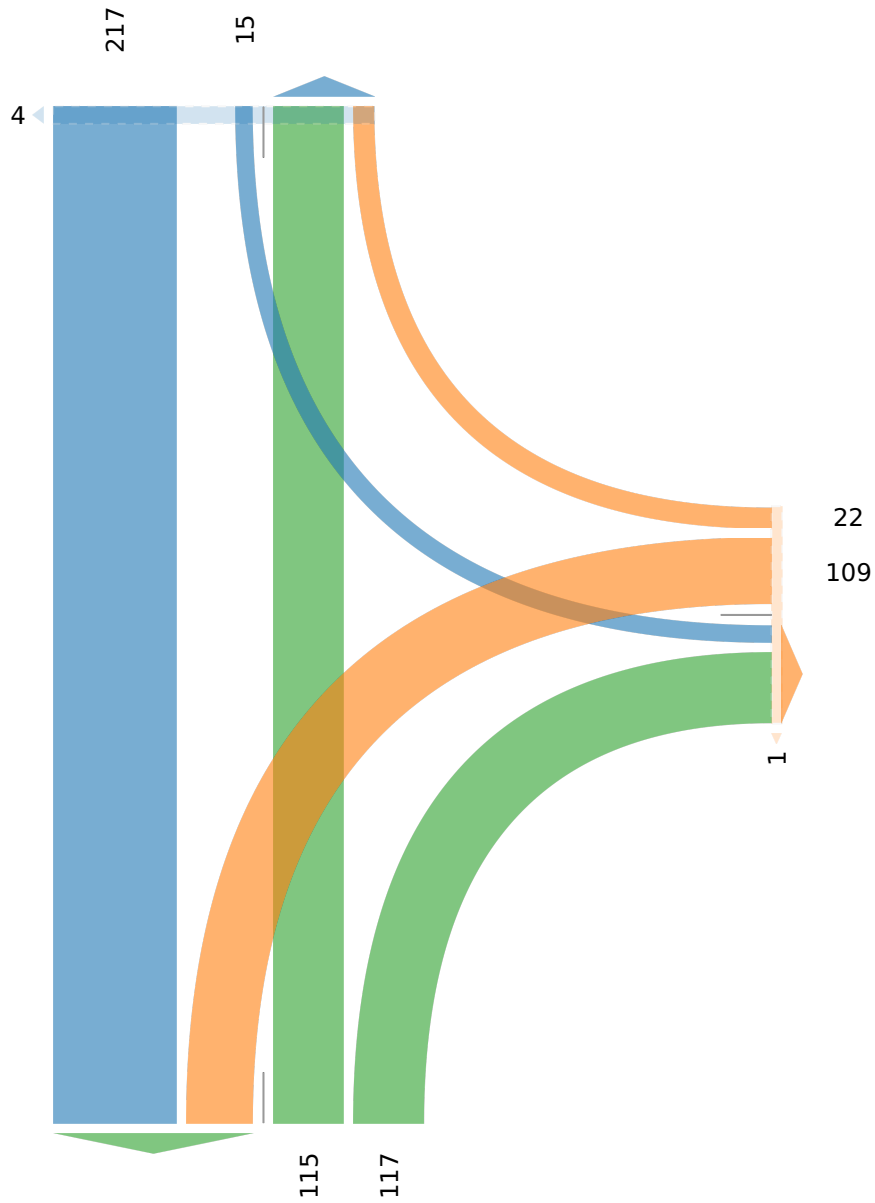
Provided by: McElhanney Kamloops  
710 Laval Crescent, Kamloops, BC, V2C5P3, CA

[N] Tyndall Ave

Total: 369

In: 232 Out: 137

[W] No access, sidewalk only



Out: 132 In: 131  
Total: 263  
[E] Hillcrest Ave

Out: 326 In: 232  
Total: 558  
[S] Tyndall Ave

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 2022

PM Peak (2:30 PM - 3:30 PM)

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

All Movements

ID: 1013432, Location: 48.485059, -123.32041,

Site Code: TIN000359



**McElhanney**

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710 Laval Crescent, Kamloops, BC, V2C5P3, CA

Leg Direction	Tyndall Ave Southbound					Hillcrest Ave Westbound					Tyndall Ave Northbound					No access, sidewalk only Eastbound		Int
	T	L	U	App	Ped*	R	L	U	App	Ped*	R	T	U	App	Ped*	App	Ped*	
2022-10-25 2:30PM	36	5	0	41	0	6	26	0	32	1	31	29	0	60	0	0	0	133
2:45PM	41	2	0	43	0	7	46	0	53	1	13	23	0	36	0	0	0	132
3:00PM	28	6	0	34	0	1	16	0	17	0	21	46	0	67	0	0	0	118
3:15PM	37	3	1	41	1	2	17	0	19	0	16	36	0	52	0	0	9	112
<b>Total</b>	142	16	1	159	1	16	105	0	121	2	81	134	0	215	0	0	12	495
<b>% Approach</b>	89.3%	10.1%	0.6%	-	-	13.2%	86.8%	0%	-	-	37.7%	62.3%	0%	-	-	-	-	-
<b>% Total</b>	28.7%	3.2%	0.2%	32.1%	-	3.2%	21.2%	0%	24.4%	-	16.4%	27.1%	0%	43.4%	-	0%	-	-
<b>PHF</b>	0.866	0.667	0.250	0.924	-	0.571	0.589	-	0.587	-	0.658	0.717	-	0.787	-	-	-	0.940
<b>Motorcycles</b>	1	0	0	1	-	0	0	0	0	-	0	0	0	0	-	0	-	1
<b>% Motorcycles</b>	0.7%	0%	0%	0.6%	-	0%	0%	0%	0%	-	0%	0%	0%	0%	-	-	-	0.2%
<b>Lights</b>	133	16	1	150	-	16	99	0	115	-	79	124	0	203	-	0	-	468
<b>% Lights</b>	93.7%	100%	100%	94.3%	-	100%	94.3%	0%	95.0%	-	97.5%	92.5%	0%	94.4%	-	-	-	94.5%
<b>Single-Unit Trucks</b>	3	0	0	3	-	0	0	0	0	-	0	1	0	1	-	0	-	4
<b>% Single-Unit Trucks</b>	2.1%	0%	0%	1.9%	-	0%	0%	0%	0%	-	0%	0.7%	0%	0.5%	-	-	-	0.8%
<b>Articulated Trucks</b>	0	0	0	0	-	0	0	0	0	-	0	2	0	2	-	0	-	2
<b>% Articulated Trucks</b>	0%	0%	0%	0%	-	0%	0%	0%	0%	-	0%	1.5%	0%	0.9%	-	-	-	0.4%
<b>Buses</b>	5	0	0	5	-	0	0	0	0	-	0	5	0	5	-	0	-	10
<b>% Buses</b>	3.5%	0%	0%	3.1%	-	0%	0%	0%	0%	-	0%	3.7%	0%	2.3%	-	-	-	2.0%
<b>Bicycles on Road</b>	0	0	0	0	-	0	6	0	6	-	2	2	0	4	-	0	-	10
<b>% Bicycles on Road</b>	0%	0%	0%	0%	-	0%	5.7%	0%	5.0%	-	2.5%	1.5%	0%	1.9%	-	-	-	2.0%
<b>Pedestrians</b>	-	-	-	-	1	-	-	-	-	1	-	-	-	-	0	-	-	10
<b>% Pedestrians</b>	-	-	-	-	100%	-	-	-	-	50.0%	-	-	-	-	-	-	-	83.3%
<b>Bicycles on Crosswalk</b>	-	-	-	-	0	-	-	-	-	1	-	-	-	-	0	-	-	2
<b>% Bicycles on Crosswalk</b>	-	-	-	-	0%	-	-	-	-	50.0%	-	-	-	-	-	-	-	16.7%

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

Tyndall Ave and Hillcrest Ave - TMC

Tue Oct 25, 2022

PM Peak (2:30 PM - 3:30 PM)

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

All Movements

ID: 1013432, Location: 48.485059, -123.32041, Site

Code: TIN000359



McElhanney

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

[N] Tyndall Ave

Total: 310

In: 159 Out: 151

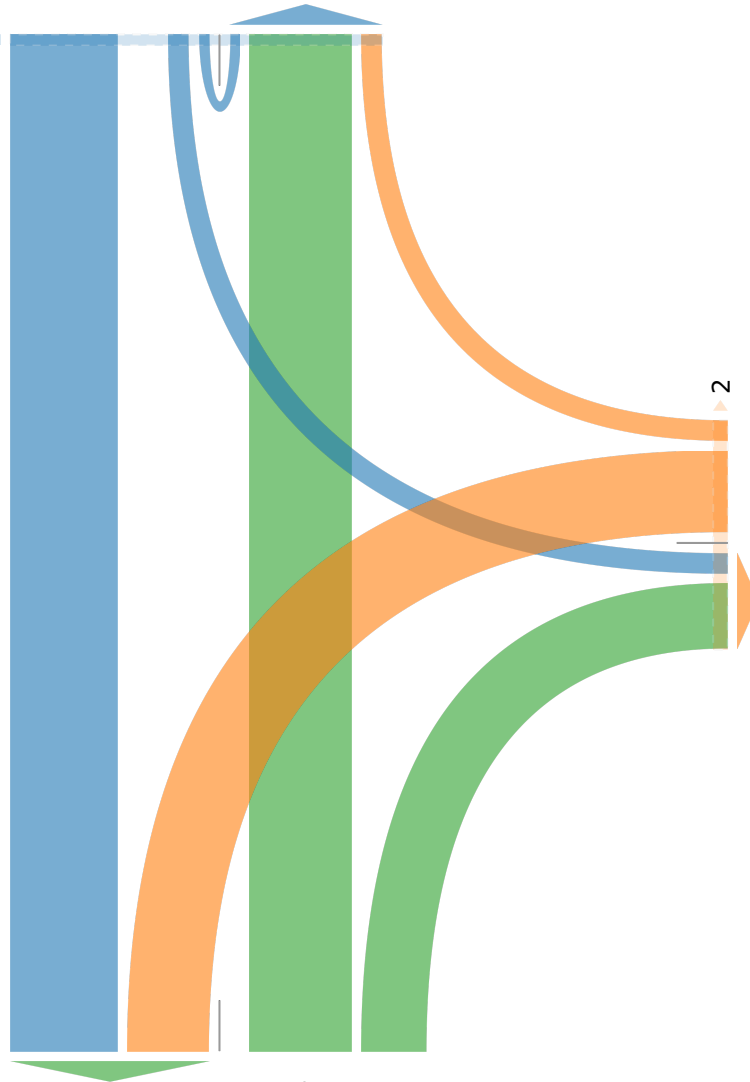
142

16

1

1

[W] No access, sidewalk only



Out: 97 In: 121  
Total: 218

[E] Hillcrest Ave

Out: 247 In: 215

Total: 462

[S] Tyndall Ave

134

81