



Major Road: ARBUTUS ROAD
Minor Road: HARO ROAD
Municipality: District of Saanich
File Name: Arbutus Road And Haro Road - February 2023.xlsx
Location #: TIN000297
Count ID: 2023004
Date: February 28, 2023
Day-of-week: Tuesday

Intersection Type: 4-leg
Signalized: No
Weather: Rain in morning, 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

Arbutus Road And Haro Road - February 2023 - TMC

Tue Feb 28, 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: 1045632, Location: 48.46778, -123.297829, Site Code: TIN000297



McElhanney

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

Leg Direction	Arbutus Rd Southbound					Haro Rd Westbound					Arbutus Rd Northbound					Haro Rd 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*	Int				
2023-02-28 7:30AM	1	13	4	0	18	1	1	0	1	0	2	0	2	10	1	0	13	0	1	0	3	0	4	0	37
7:45AM	1	13	7	0	21	0	3	0	4	0	7	0	8	9	4	0	21	0	0	0	3	0	3	1	52
Hourly Total	2	26	11	0	39	1	4	0	5	0	9	0	10	19	5	0	34	0	1	0	6	0	7	1	89
8:00AM	4	18	9	0	31	2	5	0	3	0	8	0	6	22	0	0	28	0	0	1	1	0	2	2	69
8:15AM	10	16	10	0	36	1	7	1	2	0	10	1	3	38	9	0	50	0	3	0	6	0	9	0	105
8:30AM	41	27	3	0	71	1	5	0	2	0	7	0	4	28	15	0	47	0	7	1	16	0	24	3	149
8:45AM	21	15	5	0	41	5	2	1	2	0	5	0	2	19	12	0	33	0	23	2	31	0	56	2	135
Hourly Total	76	76	27	0	179	9	19	2	9	0	30	1	15	107	36	0	158	0	33	4	54	0	91	7	458
9:00AM	6	20	4	0	30	2	4	0	0	0	4	0	2	17	2	0	21	0	2	1	7	0	10	1	65
9:15AM	2	12	3	0	17	0	5	0	2	0	7	0	0	17	3	0	20	1	6	0	5	0	11	4	55
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	8	32	7	0	47	2	9	0	2	0	11	0	2	34	5	0	41	1	8	1	12	0	21	5	120
2:00PM	3	21	4	0	28	5	2	0	5	0	7	0	2	35	3	0	40	0	1	0	1	0	2	3	77
2:15PM	19	23	6	0	48	1	3	0	4	0	7	0	3	27	6	0	36	0	1	0	3	0	4	2	95
2:30PM	16	22	2	0	40	4	1	2	4	0	7	0	3	25	15	0	43	0	8	0	19	0	27	1	117
2:45PM	7	33	7	0	47	7	1	0	3	0	4	1	1	36	1	0	38	0	13	2	19	0	34	4	123
Hourly Total	45	99	19	0	163	17	7	2	16	0	25	1	9	123	25	0	157	0	23	2	42	0	67	10	412
3:00PM	3	27	6	0	36	0	5	0	2	0	7	0	3	43	2	0	48	0	7	0	6	0	13	3	104
3:15PM	7	31	4	0	42	1	2	0	0	0	2	0	3	30	3	0	36	0	1	0	9	0	10	5	90
3:30PM	2	37	2	0	41	1	4	1	3	0	8	0	2	34	5	0	41	0	3	0	5	0	8	2	98
3:45PM	3	22	3	0	28	1	4	0	6	0	10	0	4	37	5	0	46	0	2	0	7	0	9	4	93
Hourly Total	15	117	15	0	147	3	15	1	11	0	27	0	12	144	15	0	171	0	13	0	27	0	40	14	385
4:00PM	4	38	3	0	45	3	8	0	5	0	13	0	5	28	2	0	35	0	5	0	5	0	10	2	103
4:15PM	6	15	4	0	25	3	6	1	4	0	11	0	2	37	3	0	42	0	5	0	4	0	9	3	87
4:30PM	5	37	6	0	48	1	2	0	2	0	4	0	4	31	4	0	39	0	2	0	6	0	8	1	99
4:45PM	7	21	1	0	29	0	8	0	4	0	12	0	5	24	3	0	32	0	4	0	7	0	11	2	84
Hourly Total	22	111	14	0	147	7	24	1	15	0	40	0	16	120	12	0	148	0	16	0	22	0	38	8	373
5:00PM	10	27	4	0	41	1	4	0	1	0	5	0	4	31	2	0	37	0	7	1	5	0	13	4	96
5:15PM	2	38	0	0	40	2	2	0	3	0	5	0	3	17	1	0	21	0	4	0	6	0	10	0	76
5:30PM	6	18	3	0	27	0	1	0	1	0	2	0	2	36	2	0	40	0	1	0	5	0	6	2	75
5:45PM	5	23	1	0	29	0	2	0	2	0	4	0	1	24	1	0	26	1	1	0	3	0	4	1	63
Hourly Total	23	106	8	0	137	3	9	0	7	0	16	0	10	108	6	0	124	1	13	1	19	0	33	7	310
Total	191	567	101	0	859	42	87	6	65	0	158	2	74	655	104	0	833	2	107	8	182	0	297	52	2147
% Approach	22.2%	66.0%	11.8%	0%	-	-	55.1%	3.8%	41.1%	0%	-	-	8.9%	78.6%	12.5%	0%	-	-	36.0%	2.7%	61.3%	0%	-	-	-
% Total	8.9%	26.4%	4.7%	0%	40.0%	-	4.1%	0.3%	3.0%	0%	7.4%	-	3.4%	30.5%	4.8%	0%	38.8%	-	5.0%	0.4%	8.5%	0%	13.8%	-	-
Motorcycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0
% Motorcycles	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
Lights	189	536	99	0	824	-	85	6	64	0	155	-	72	620	101	0	793	-	105	8	180	0	293	-	2065
% Lights	99.0%	94.5%	98.0%	0%	95.9%	-	97.7%	100%	98.5%	0%	98.1%	-	97.3%	94.7%	97.1%	0%	95.2%	-	98.1%	100%	98.9%	0%	98.7%	-	96.2%
Single-Unit Trucks	1	4	1	0	6	-	0	0	0	0	0	-	0	5	0	0	5	-	1	0	1	0	2	-	13
% Single-Unit Trucks	0.5%	0.7%	1.0%	0%	0.7%	-	0%	0%	0%	0%	0%	-	0%	0.8%	0%	0%	0.6%	-	0.9%	0%	0.5%	0%	0.7%	-	0.6%
Articulated Trucks	0	0	0	0	0	-	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	1
% Articulated Trucks	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0.2%	0%	0%	0.1%	-	0%	0%	0%	0%	0%	-	0%
Buses	1	19	1	0	21	-	1	0	0	0	1	-	0	18	0	0	18	-	0	0	1	0	1	-	41
% Buses	0.5%	3.4%	1.0%	0%	2.4%	-	1.1%	0%	0%	0%	0.6%	-	0%	2.7%	0%	0%	2.2%	-	0%	0%	0.5%	0%	0.3%	-	1.9%
Bicycles on Road	0	8	0	0	8	-	1	0	1	0	2	-	2	11	3	0	16	-	1	0	0	0	1	-	27
% Bicycles on Road	0%	1.4%	0%	0%	0.9%	-	1.1%	0%	1.5%	0%	1.3%	-	2.7%	1.7%	2.9%	0%	1.9%	-	0.9%	0%	0%	0%	0.3%	-	1.3%
Pedestrians	-	-	-	-	-	42	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	52	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	0%	-

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

Arbutus Road And Haro Road - February 2023

- TMC

Tue Feb 28, 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

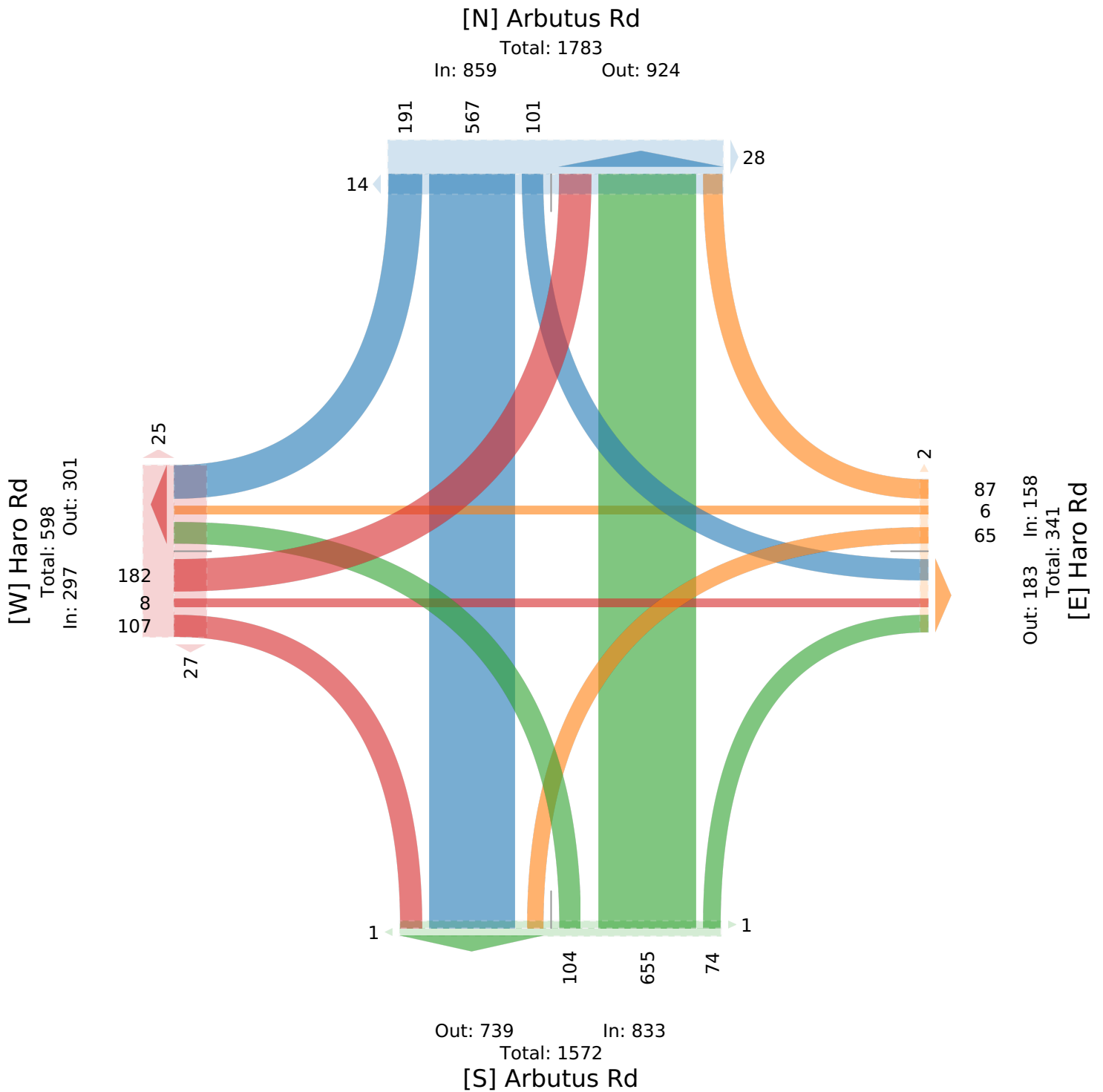
ID: 1045632, Location: 48.46778, -123.297829, Site

Code: TIN000297



McElhanney

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



Arbutus Road And Haro Road - February 2023 - TMC

Tue Feb 28, 2023

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: 1045632, Location: 48.46778, -123.297829, Site Code: TIN000297



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710 Laval Crescent, Kamloops, BC, V2C5P3, CA

Leg Direction	Arbutus Rd Southbound						Haro Rd Westbound						Arbutus Rd Northbound						Haro Rd 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
2023-02-28 8:00AM	4	18	9	0	31	2	5	0	3	0	8	0	6	22	0	0	28	0	0	1	1	0	2	2	69
8:15AM	10	16	10	0	36	1	7	1	2	0	10	1	3	38	9	0	50	0	3	0	6	0	9	0	105
8:30AM	41	27	3	0	71	1	5	0	2	0	7	0	4	28	15	0	47	0	7	1	16	0	24	3	149
8:45AM	21	15	5	0	41	5	2	1	2	0	5	0	2	19	12	0	33	0	23	2	31	0	56	2	135
Total	76	76	27	0	179	9	19	2	9	0	30	1	15	107	36	0	158	0	33	4	54	0	91	7	458
% Approach	42.5%	42.5%	15.1%	0%	-	-	63.3%	6.7%	30.0%	0%	-	-	9.5%	67.7%	22.8%	0%	-	-	36.3%	4.4%	59.3%	0%	-	-	-
% Total	16.6%	16.6%	5.9%	0%	39.1%	-	4.1%	0.4%	2.0%	0%	6.6%	-	3.3%	23.4%	7.9%	0%	34.5%	-	7.2%	0.9%	11.8%	0%	19.9%	-	-
PHF	0.463	0.704	0.675	-	0.630	-	0.679	0.500	0.750	-	0.750	-	0.625	0.697	0.600	-	0.785	-	0.359	0.500	0.435	-	0.406	-	0.767
Motorcycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Motorcycles	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Lights	76	73	26	0	175	-	18	2	9	0	29	-	15	102	36	0	153	-	33	4	54	0	91	-	448
% Lights	100%	96.1%	96.3%	0%	97.8%	-	94.7%	100%	100%	0%	96.7%	-	100%	95.3%	100%	0%	96.8%	-	100%	100%	100%	0%	100%	-	97.8%
Single-Unit Trucks	0	1	0	0	1	-	0	0	0	0	0	-	0	3	0	0	3	-	0	0	0	0	0	-	4
% Single-Unit Trucks	0%	1.3%	0%	0%	0.6%	-	0%	0%	0%	0%	0%	-	0%	2.8%	0%	0%	1.9%	-	0%	0%	0%	0%	0%	-	0.9%
Articulated Trucks	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Articulated Trucks	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Buses	0	2	1	0	3	-	1	0	0	0	1	-	0	1	0	0	1	-	0	0	0	0	0	-	5
% Buses	0%	2.6%	3.7%	0%	1.7%	-	5.3%	0%	0%	0%	3.3%	-	0%	0.9%	0%	0%	0.6%	-	0%	0%	0%	0%	0%	-	1.1%
Bicycles on Road	0	0	0	0	0	-	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	1
% Bicycles on Road	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0.9%	0%	0%	0.6%	-	0%	0%	0%	0%	0%	-	0.2%
Pedestrians	-	-	-	-	-	9	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	7	
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	100%	
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	-	-	0%	

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

Arbutus Road And Haro Road - February 2023

- TMC

Tue Feb 28, 2023

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

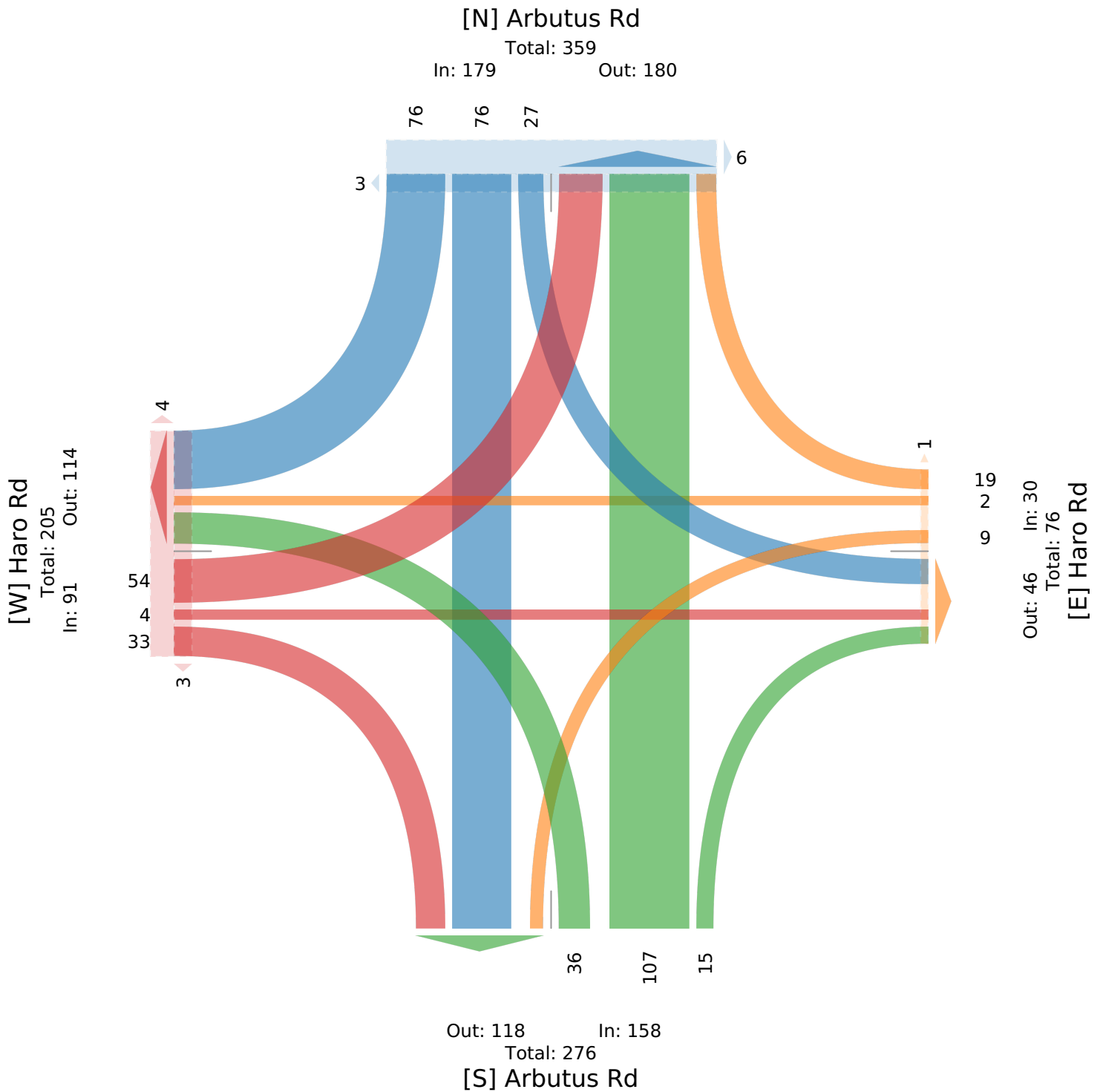
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Arbutus Road And Haro Road - February 2023 - TMC

Tue Feb 28, 2023

PM Peak (2:15 PM - 3:15 PM)

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

All Movements

ID: 1045632, Location: 48.46778, -123.297829, Site Code: TIN000297



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Leg Direction	Arbutus Rd Southbound						Haro Rd Westbound						Arbutus Rd Northbound						Haro Rd 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
2023-02-28 2:15PM	19	23	6	0	48	1	3	0	4	0	7	0	3	27	6	0	36	0	1	0	3	0	4	2	95
2:30PM	16	22	2	0	40	4	1	2	4	0	7	0	3	25	15	0	43	0	8	0	19	0	27	1	117
2:45PM	7	33	7	0	47	7	1	0	3	0	4	1	1	36	1	0	38	0	13	2	19	0	34	4	123
3:00PM	3	27	6	0	36	0	5	0	2	0	7	0	3	43	2	0	48	0	7	0	6	0	13	3	104
Total	45	105	21	0	171	12	10	2	13	0	25	1	10	131	24	0	165	0	29	2	47	0	78	10	439
% Approach	26.3%	61.4%	12.3%	0%	-	-	40.0%	8.0%	52.0%	0%	-	-	6.1%	79.4%	14.5%	0%	-	-	37.2%	2.6%	60.3%	0%	-	-	-
% Total	10.3%	23.9%	4.8%	0%	39.0%	-	2.3%	0.5%	3.0%	0%	5.7%	-	2.3%	29.8%	5.5%	0%	37.6%	-	6.6%	0.5%	10.7%	0%	17.8%	-	-
PHF	0.592	0.780	0.750	-	0.899	-	0.500	0.250	0.813	-	0.893	-	0.833	0.794	0.423	-	0.883	-	0.538	0.250	0.618	-	0.566	-	0.874
Motorcycles	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Motorcycles	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Lights	45	99	21	0	165	-	10	2	13	0	25	-	10	123	22	0	155	-	28	2	47	0	77	-	422
% Lights	100%	94.3%	100%	0%	96.5%	-	100%	100%	100%	0%	100%	-	100%	93.9%	91.7%	0%	93.9%	-	96.6%	100%	100%	0%	98.7%	-	96.1%
Single-Unit Trucks	0	1	0	0	1	-	0	0	0	0	0	-	0	1	0	0	1	-	0	0	0	0	0	-	2
% Single-Unit Trucks	0%	1.0%	0%	0%	0.6%	-	0%	0%	0%	0%	0%	-	0%	0.8%	0%	0%	0.6%	-	0%	0%	0%	0%	0%	-	0.5%
Articulated Trucks	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0
% Articulated Trucks	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	-	0%
Buses	0	3	0	0	3	-	0	0	0	0	0	-	0	3	0	0	3	-	0	0	0	0	0	-	6
% Buses	0%	2.9%	0%	0%	1.8%	-	0%	0%	0%	0%	0%	-	0%	2.3%	0%	0%	1.8%	-	0%	0%	0%	0%	0%	-	1.4%
Bicycles on Road	0	2	0	0	2	-	0	0	0	0	0	-	0	4	2	0	6	-	1	0	0	0	1	-	9
% Bicycles on Road	0%	1.9%	0%	0%	1.2%	-	0%	0%	0%	0%	0%	-	0%	3.1%	8.3%	0%	3.6%	-	3.4%	0%	0%	0%	1.3%	-	2.1%
Pedestrians	-	-	-	-	-	12	-	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	10	-
% Pedestrians	-	-	-	-	-	100%	-	-	-	-	-	100%	-	-	-	-	-	-	-	-	-	-	-	100%	-
Bicycles on Crosswalk	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-
% Bicycles on Crosswalk	-	-	-	-	-	0%	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	-	-	0%	-

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

Arbutus Road And Haro Road - February 2023

- TMC

Tue Feb 28, 2023

PM Peak (2:15 PM - 3:15 PM)

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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