

Lochside Drive @ Walema Avenue

Wednesday, March 04, 2020



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ERING

Major Route: Lochside Drive
Minor Route: Walema Avenue
Municipality: Saanich
Filename: Lochside Dr @ Walema Ave-Mar 4, 2020.xlsx
Location #: TIN001691
Count ID: 202012
Date: March 4, 2020
Day-of-week: Wednesday

East/West Route: Walema Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Vehicles and Peds
 Bikes

This data is for Vehicles and Peds

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
PM	15:30	18:30	3.00
Total	7:30	18:30	5.00

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Time Period Begins	Lochside Dr NORTH Approach				Lochside Dr SOUTH Approach				Walema Ave WEST Approach				Walema Ave EAST Approach				Total Volume		Ped	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:30	1	0	0	1	0	7	3	10	4	4	2	10	4	0	0	4	25		0	0	1	0	
7:45	0	3	2	5	0	3	5	8	1	1	3	5	7	0	0	7	25		0	0	0	1	
8:00	2	1	0	3	2	1	7	10	4	3	2	9	3	0	0	3	25		1	0	1	0	
8:15	4	2	1	7	0	5	13	18	1	8	2	11	2	0	1	3	39	114*	8	2	1	0	
8:30	1	3	3	7	2	8	34	44	2	8	2	12	19	2	10	31	94	183+	11	1	8	1	
8:45	0	8	3	11	0	9	5	14	1	1	4	6	7	2	3	12	43	201*	0	2	2	6	
9:00	1	6	1	8	0	10	6	16	1	2	0	3	6	1	0	7	34	210*	1	0	0	2	
9:15	1	4	0	5	1	6	1	8	0	1	3	4	7	4	1	12	29	200	3	0	5	0	
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Total	10	27	10	47	5	49	74	128	14	28	18	60	55	9	15	79	314		24	5	18	10	

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Total																						

15:30	0	6	0	6	1	3	1	5	2	0	1	3	6	0	0	6	20			1	1	0	1
15:45	0	9	3	12	5	6	2	13	2	0	3	5	3	4	2	9	39		+	1	1	3	0
16:00	0	8	1	9	2	4	6	12	1	1	0	2	3	1	1	5	28		*	1	2	1	2
16:15	2	6	6	14	2	5	3	10	1	0	4	5	3	1	2	6	35	122*		2	0	2	0
16:30	2	8	1	11	6	4	3	13	2	0	3	5	4	2	0	6	35	137*		0	0	1	2
16:45	2	11	1	14	1	4	8	13	0	1	0	1	7	3	0	10	38	136		1	0	1	2
17:00	0	6	5	11	2	1	7	10	2	0	2	4	2	2	0	4	29	137		0	1	1	1
17:15	0	2	4	6	3	4	1	8	1	2	0	3	5	5	1	11	28	130		0	1	2	1
17:30	0	7	0	7	4	1	2	7	1	1	0	2	3	4	1	8	24	119		0	0	0	0
17:45	1	7	5	13	1	8	3	12	1	1	5	7	1	0	0	1	33	114		0	0	3	0
18:00	1	8	5	14	1	1	1	3	0	1	1	2	0	1	0	1	20	105		0	0	1	1
18:15	0	4	3	7	2	2	0	4	0	0	1	1	2	2	1	5	17	94		0	0	2	0
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Total	8	82	34	124	30	43	37	110	13	7	20	40	39	25	8	72	346			6	6	17	10

AM Peak Period
Vehicles and Peds

Lochside Drive @ Walema Avenue
Wednesday, March 4, 2020

Time Period Begins	Lochside Dr NORTH Approach				Lochside Dr SOUTH Approach				Walema Ave WEST Approach				Walema Ave EAST Approach				Total Volume		Total Ped	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:30	1	0	0	1	0	7	3	10	4	4	2	10	4	0	0	4	25		0	0	1	0	21		
7:45	0	3	2	5	0	3	5	8	1	1	3	5	7	0	0	7	25		0	0	0	1	19		
8:00	2	1	0	3	2	1	7	10	4	3	2	9	3	0	0	3	25		1	0	1	0	18		
8:15	4	2	1	7	0	5	13	18	1	8	2	11	2	0	1	3	39	114*	8	2	1	0	34	92	
8:30	1	3	3	7	2	8	34	44	2	8	2	12	19	2	10	31	94	183+	11	1	8	1	72	143	
8:45	0	8	3	11	0	9	5	14	1	1	4	6	7	2	3	12	43	201*	0	2	2	6	26	150	
9:00	1	6	1	8	0	10	6	16	1	2	0	3	6	1	0	7	34	210*	1	0	0	2	25	157	
9:15	1	4	0	5	1	6	1	8	0	1	3	4	7	4	1	12	29	200	3	0	5	0	19	142	
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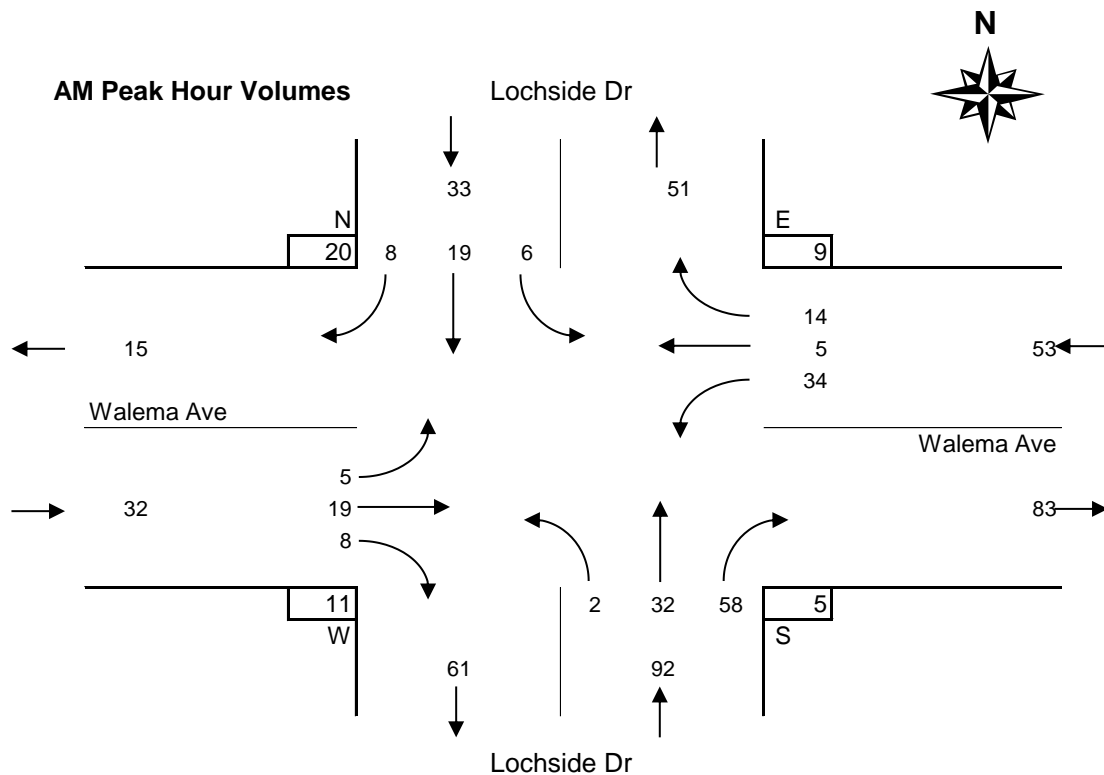
Total	10	27	10	47	5	49	74	128	14	28	18	60	55	9	15	79	314							234
Avg Hr	5	14	5	24	3	25	37	64	7	14	9	30	28	5	8	40	157							234

Peak hour of the intersection

Pk Hr	6	19	8	33	2	32	58	92	5	19	8	32	34	5	14	53	210*							157
15x4	16	32	12	44	8	40	136	176	8	32	16	48	76	8	40	124	376*							316
PHF	0.38	0.59	0.67	0.75	0.25	0.80	0.43	0.52	0.63	0.59	0.50	0.67	0.45	0.63	0.35	0.43	0.56							0.50

Peak hour of conflicting volumes for the intersection

Pk Hr	6	19	8	33	2	32	58	92	5	19	8	32	34	5	14	53	210*							157
15x4	16	32	12	44	8	40	136	176	8	32	16	48	76	8	40	124	376*							316
PHF	0.38	0.59	0.67	0.75	0.25	0.80	0.43	0.52	0.63	0.59	0.50	0.67	0.45	0.63	0.35	0.43	0.56							0.50



Time Period Begins	Lochside Dr NORTH Approach				Lochside Dr SOUTH Approach				Walema Ave WEST Approach				Walema Ave EAST Approach				Total Volume		Ped	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
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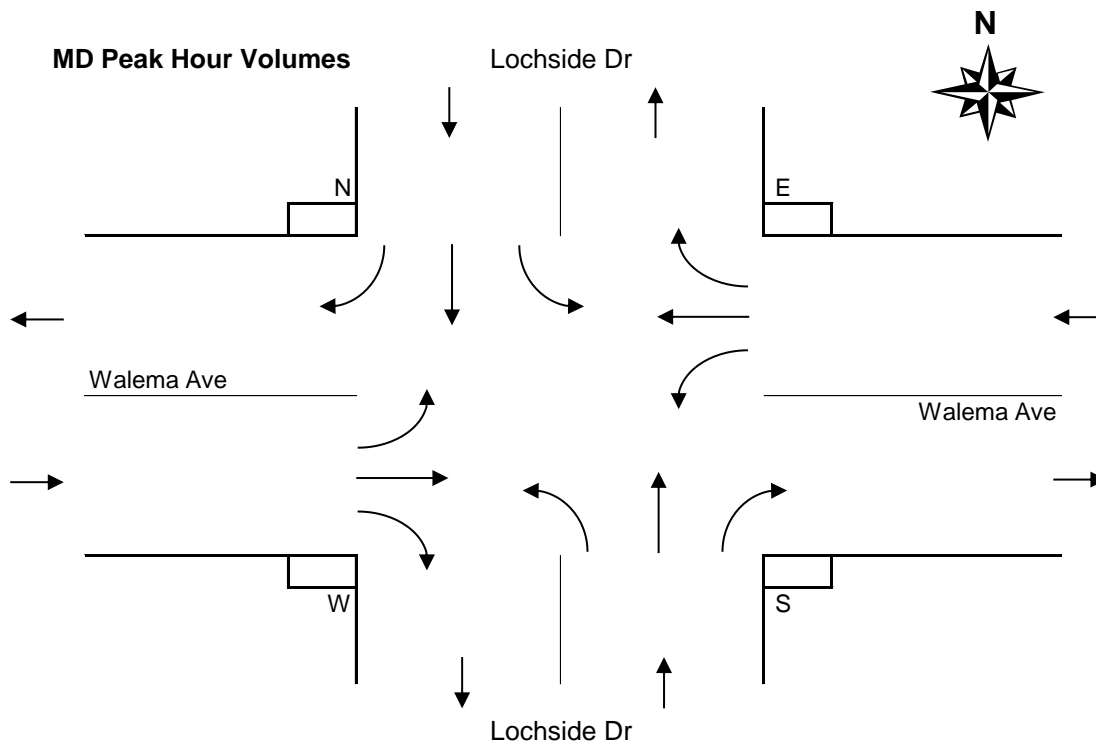
Total																									
Avg Hr																									

Peak hour of the intersection

Pk Hr																									
15x4																									
PHF																									

Peak hour of conflicting volumes for the intersection

Pk Hr																									
15x4																									
PHF																									



PM Peak Period
Vehicles and Peds

Lochside Drive @ Walema Avenue
Wednesday, March 4, 2020

Time Period Begins	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume		Ped /15 min	Crosswalks				Conflict		
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach							N	S	W	E	15 min	Hr	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour								
15:30	0	6	0	6	1	3	1	5	2	0	1	3	6	0	0	6	20			1	1	0	1	14		
15:45	0	9	3	12	5	6	2	13	2	0	3	5	3	4	2	9	39	+		1	1	3	0	25		
16:00	0	8	1	9	2	4	6	12	1	1	0	2	3	1	1	5	28	*		1	2	1	2	15		
16:15	2	6	6	14	2	5	3	10	1	0	4	5	3	1	2	6	35	122	*		2	0	2	0	21	75
16:30	2	8	1	11	6	4	3	13	2	0	3	5	4	2	0	6	35	137	*		0	0	1	2	22	83
16:45	2	11	1	14	1	4	8	13	0	1	0	1	7	3	0	10	38	136			1	0	1	2	22	80
17:00	0	6	5	11	2	1	7	10	2	0	2	4	2	2	0	4	29	137			0	1	1	1	17	82
17:15	0	2	4	6	3	4	1	8	1	2	0	3	5	5	1	11	28	130			0	1	2	1	16	77
17:30	0	7	0	7	4	1	2	7	1	1	0	2	3	4	1	8	24	119			0	0	0	0	17	72
17:45	1	7	5	13	1	8	3	12	1	1	5	7	1	0	0	1	33	114			0	0	3	0	20	70
18:00	1	8	5	14	1	1	1	3	0	1	1	2	0	1	0	1	20	105			0	0	1	1	16	69
18:15	0	4	3	7	2	2	0	4	0	0	1	1	2	2	1	5	17	94			0	0	2	0	12	65
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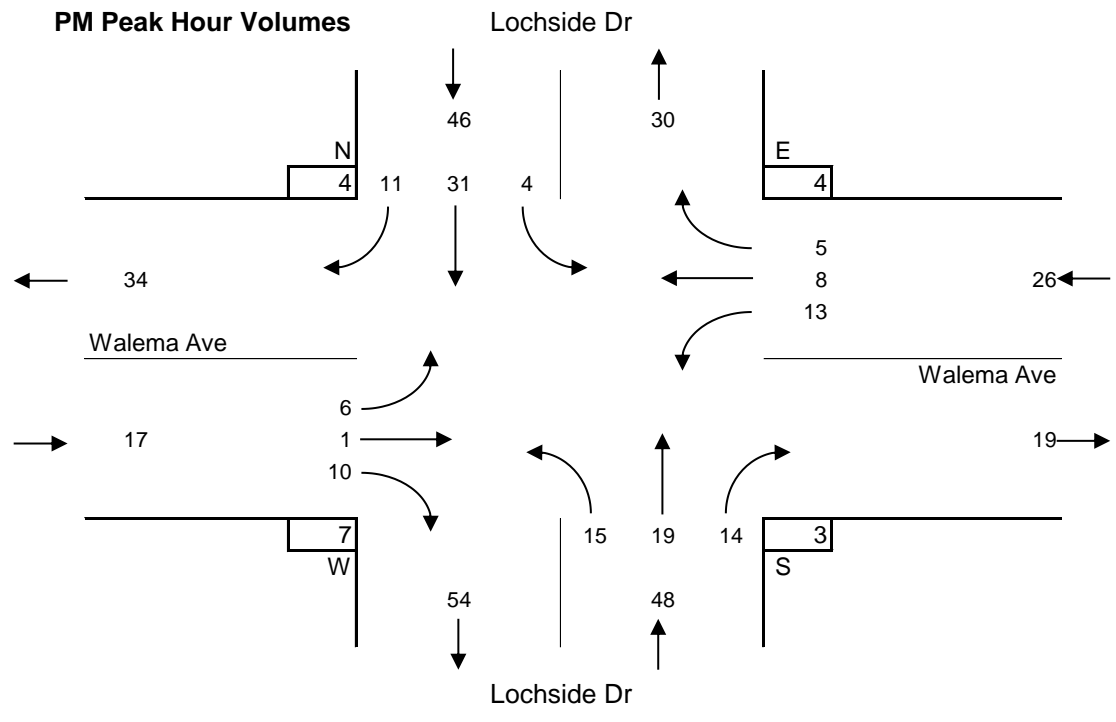
Total	8	82	34	124	30	43	37	110	13	7	20	40	39	25	8	72	346							6	6	17	10	212
Avg Hr	3	27	11	41	10	14	12	37	4	2	7	13	13	8	3	24	115							2	2	6	3	

Peak hour of the intersection

Pk Hr	4	31	11	46	15	19	14	48	6	1	10	17	13	8	5	26	137	*						4	3	7	4	81
15x4	8	36	24	56	24	24	24	52	8	4	16	20	16	16	8	36	156	+						8	8	12	8	120
PHF	0.50	0.86	0.46	0.82	0.63	0.79	0.58	0.92	0.75	0.25	0.63	0.85	0.81	0.50	0.63	0.72	0.88							0.50	0.38	0.58	0.50	0.68

Peak hour of conflicting volumes for the intersection

Pk Hr	4	31	11	46	15	19	14	48	6	1	10	17	13	8	5	26	137	*						4	3	7	4	81
15x4	8	36	24	56	24	24	24	52	8	4	16	20	16	16	8	36	156	+						8	8	12	8	120
PHF	0.50	0.86	0.46	0.82	0.63	0.79	0.58	0.92	0.75	0.25	0.63	0.85	0.81	0.50	0.63	0.72	0.88							0.50	0.38	0.58	0.50	0.68



Entire Survey Period

5 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	18	109	44	171	35	92	111	238	27	35	38	100	94	34	23	151	660	30	11	35	20
Avg Hr	4	22	9	34	7	18	22	48	5	7	8	20	19	7	5	30	132	6	2	7	4

AM Peak Period

2 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	10	27	10	47	5	49	74	128	14	28	18	60	55	9	15	79	314	24	5	18	10
Avg Hr	5	14	5	24	3	25	37	64	7	14	9	30	28	5	8	40	157	12	3	9	5

MD Peak Period

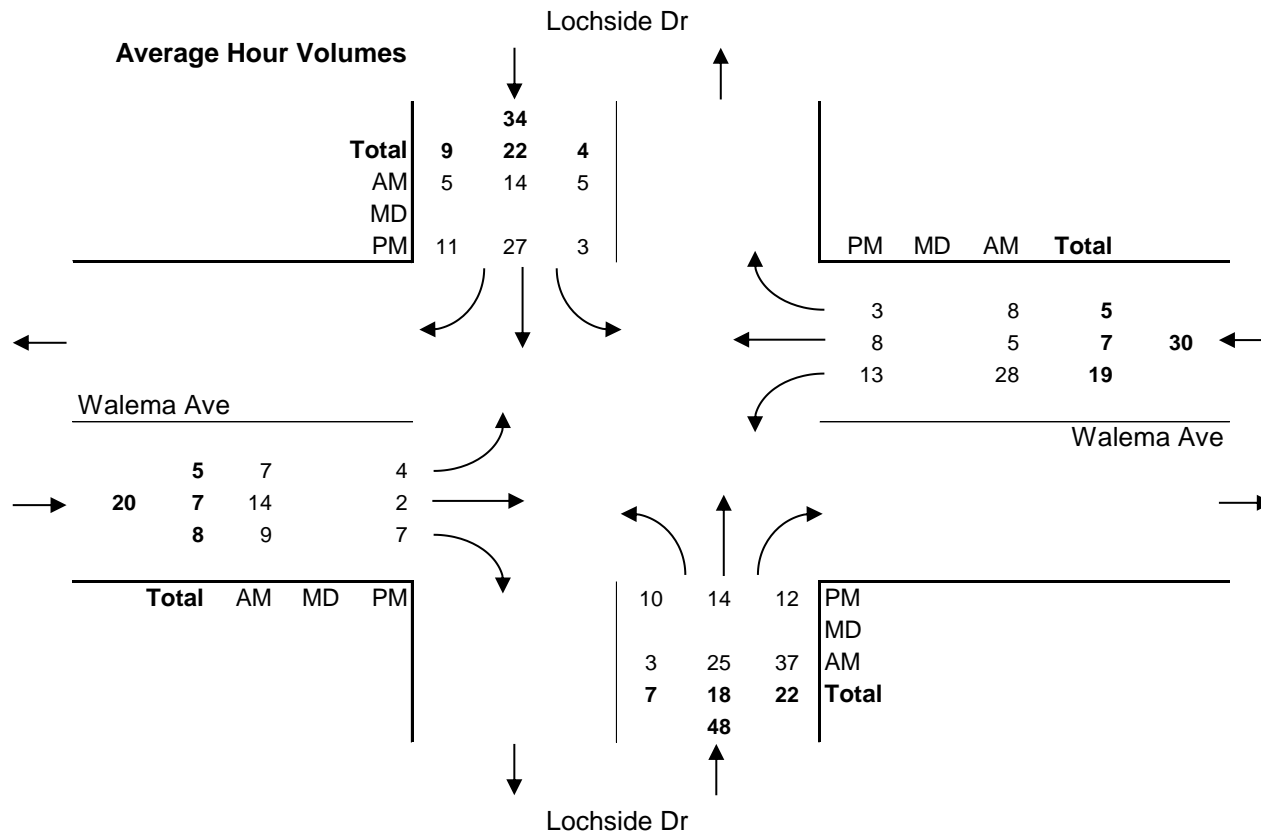
Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	8	82	34	124	30	43	37	110	13	7	20	40	39	25	8	72	346	6	6	17	10
Avg Hr	3	27	11	41	10	14	12	37	4	2	7	13	13	8	3	24	115	2	2	6	3



Major Route: Lochside Drive
Minor Route: Walema Avenue
Municipality: Saanich
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Date: March 4, 2020
Day-of-week: Wednesday

East/West Route: Walema Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Vehicles and Peds
 Bikes

This data is for Bikes

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
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Total	7:30	18:30	5.00

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 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Time Period Begins	Lochside Dr NORTH Approach				Lochside Dr SOUTH Approach				Walema Ave WEST Approach				Walema Ave EAST Approach				Total Volume		Mod	Conflict				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min
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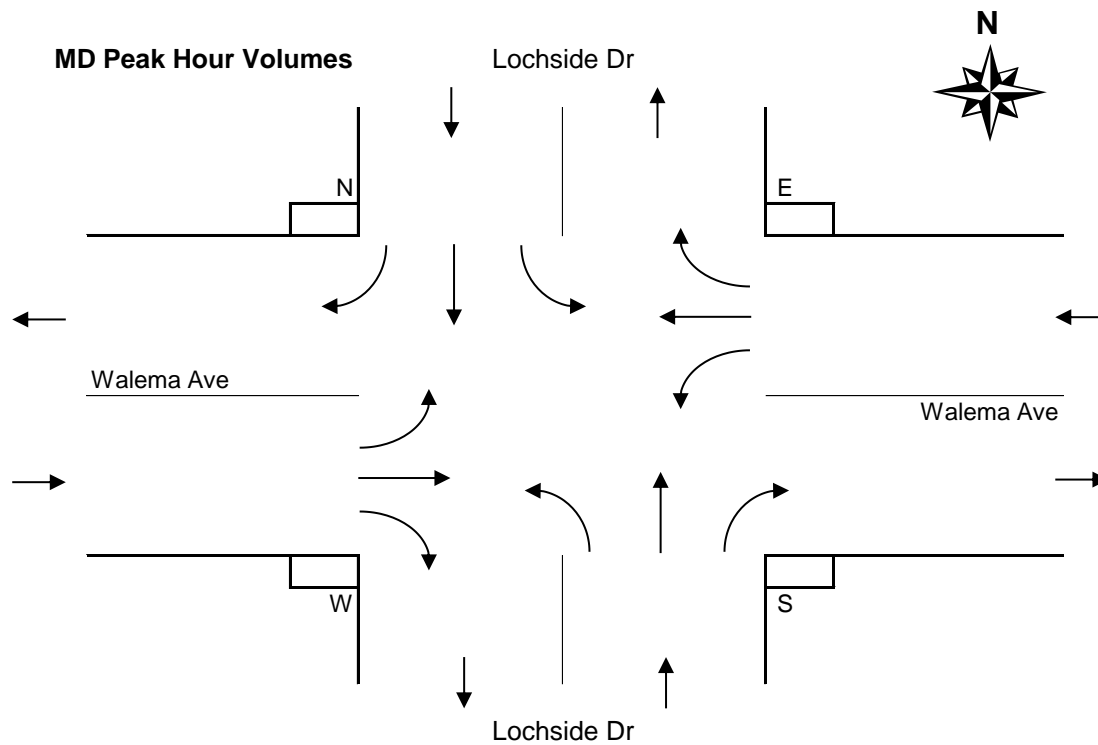
Total																									
Avg Hr																									

Peak hour of the intersection

Pk Hr																									
15x4																									
PHF																									

Peak hour of conflicting volumes for the intersection

Pk Hr																									
15x4																									
PHF																									



PM Peak Period
Bikes

Lochside Drive @ Walema Avenue
Wednesday, March 4, 2020

Time Period Begins	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume		Observed	Conflict				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach											
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min
15:30	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13		0	0	0	0	8	
15:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2		0	0	0	0	1	
16:00	0	6	0	6	0	4	1	5	0	2	0	2	0	0	0	0	13		0	0	0	0	8	
16:15	0	7	0	7	0	5	1	6	0	0	0	0	0	0	0	0	13	41	0	0	0	0	7	24
16:30	0	6	0	6	0	7	0	7	0	0	0	0	0	0	0	0	13	41	0	0	0	0	7	23
16:45	0	4	1	5	0	4	0	4	0	0	0	0	0	0	0	0	9	48*	0	0	0	0	5	27
17:00	0	5	0	5	0	10	1	11	0	0	0	0	0	0	0	0	16	51+	0	0	0	0	11	30
17:15	0	9	0	9	1	3	0	4	0	0	0	0	0	0	0	0	13	51*	0	0	0	0	10	33
17:30	0	9	0	9	0	3	3	6	0	0	0	0	0	0	0	0	15	53*	0	0	0	0	9	35
17:45	0	6	0	6	0	2	0	2	0	0	0	0	0	0	0	0	8	52	0	0	0	0	6	36
18:00	0	2	0	2	0	3	2	5	0	0	0	0	1	0	0	1	8	44	0	0	0	0	6	31
18:15	0	1	0	1	0	5	0	5	0	0	0	0	0	0	0	0	6	37	0	0	0	0	5	26
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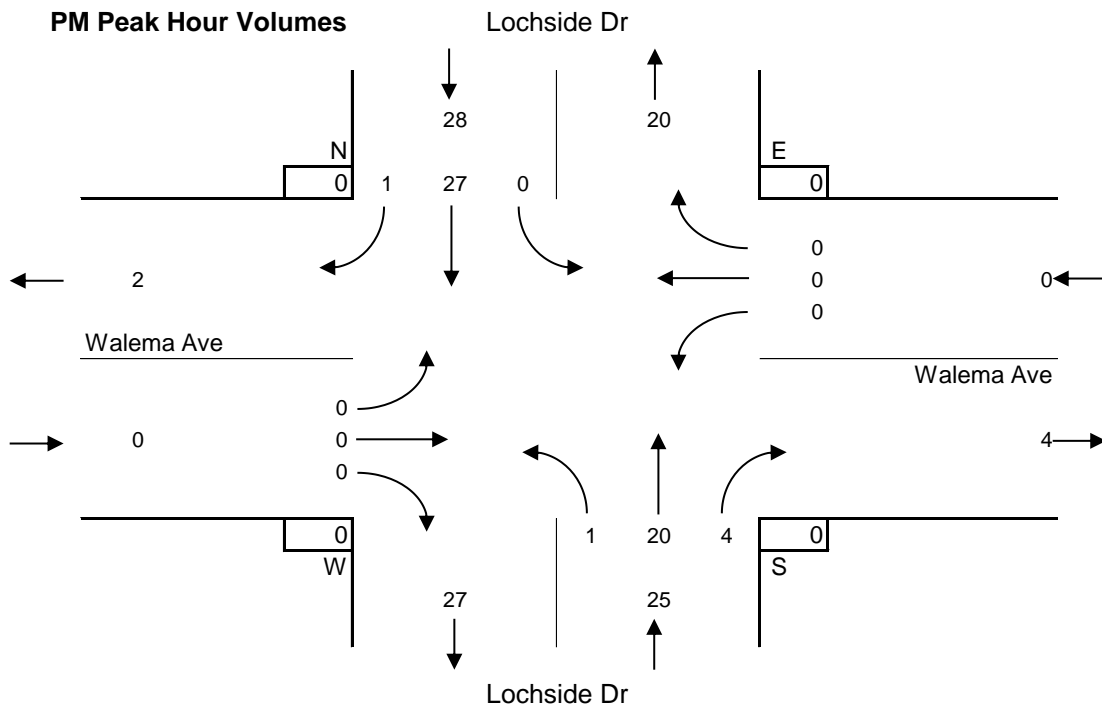
Total	0	61	1	62	1	55	8	64	0	2	0	2	1	0	0	1	129		0	0	0	0	66
Avg Hr	0	20	0	21	0	18	3	21	0	1	0	1	0	0	0	0	43		0	0	0	0	

Peak hour of the intersection

Pk Hr	0	27	1	28	1	20	4	25	0	0	0	0	0	0	0	0	53*		0	0	0	0	29
15x4	0	36	4	36	4	40	12	44	0	0	0	0	0	0	0	0	64*		0	0	0	0	52
PHF	n/a	0.75	0.25	0.78	0.25	0.50	0.33	0.57	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.83		n/a	n/a	n/a	n/a	0.56

Peak hour of conflicting volumes for the intersection

Pk Hr	0	29	0	29	1	18	4	23	0	0	0	0	0	0	0	0	52*		0	0	0	0	30
15x4	0	36	0	36	4	40	12	44	0	0	0	0	0	0	0	0	64*		0	0	0	0	52
PHF	n/a	0.81	n/a	0.81	0.25	0.45	0.33	0.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.81		n/a	n/a	n/a	n/a	0.58



Entire Survey Period

5 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	82	1	83	1	88	11	100	0	2	1	3	7	0	0	7	193	0	0	0	0
Avg Hr	0	16	0	17	0	18	2	20	0	0	0	1	1	0	0	1	39	0	0	0	0

AM Peak Period

2 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	0	21	0	21	0	33	3	36	0	0	1	1	6	0	0	6	64	0	0	0	0
Avg Hr	0	11	0	11	0	17	2	18	0	0	1	1	3	0	0	3	32	0	0	0	0

MD Peak Period

Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Lochside Dr				Lochside Dr				Walema Ave				Walema Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	0	61	1	62	1	55	8	64	0	2	0	2	1	0	0	1	129	0	0	0	0
Avg Hr	0	20	0	21	0	18	3	21	0	1	0	1	0	0	0	0	43	0	0	0	0

