

Interurban Road @ Columbine Way

Wednesday, October 23, 2019



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Major Route: Interurban Road
Minor Route: Columbine Way
Municipality: Saanich
Filename: Interurban Rd @ Columbine Way-Oct 23, 2019.xlsx
Location #: TIN001179
Count ID: 2019042
Date: October 23, 2019
Day-of-week: Wednesday

East/West Route: Columbine Way
Intersection Type: 3-leg east approach
Signalized?: No
Weather: Overcast 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:

Survey Data
Vehicles and Peds

Interurban Road @ Columbine Way
Wednesday, October 23, 2019

Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume		Ped	Crosswalks			
	NORTH Approach				SOUTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:30	25	161		186		93	12	105					15		7	22	313		*	4	0		4
7:45	28	147		175		107	16	123					15		7	22	320		+	9	0		9
8:00	24	125		149		110	18	128					10		14	24	301		*	13	0		10
8:15	22	150		172		95	17	112					16		19	35	319	1253	*	4	0		8
8:30	27	159		186		84	21	105					10		11	21	312	1252		3	0		2
8:45	29	174		203		78	15	93					10		5	15	311	1243		3	0		1
9:00	22	98		120		66	10	76					10		6	16	212	1154		0	0		2
9:15	17	81		98		56	8	64					5		3	8	170	1005		0	0		2
n/a																							
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n/a																							
n/a																							
Total	194	1095		1289		689	117	806					91		72	163	2258			36	0		38

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n/a																							
Total																							

15:30	15	96		111		211	39	250					14		36	50	411			0	0		3
15:45	9	78		87		228	30	258					10		42	52	397			3	0		2
16:00	11	80		91		187	26	213					21		52	73	377			5	0		1
16:15	10	98		108		235	23	258					16		43	59	425	1610	*	0	0		1
16:30	8	89		97		251	25	276					22		58	80	453	1652	*	2	0		1
16:45	14	87		101		272	31	303					26		50	76	480	1735	+	3	0		3
17:00	4	97		101		247	30	277					34		41	75	453	1811	*	1	0		2
17:15	4	101		105		189	32	221					13		44	57	383	1769		0	0		1
17:30	6	99		105		191	26	217					13		33	46	368	1684		0	0		0
17:45	11	118		129		133	15	148					17		18	35	312	1516		1	0		2
18:00	7	95		102		149	18	167					8		16	24	293	1356		0	0		1
18:15	12	100		112		120	17	137					12		16	28	277	1250		1	0		1
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Total	111	1138		1249		2413	312	2725					206		449	655	4629			16	0		18

Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume		Mod	Crosswalks				Conflict	
	NORTH Approach				SOUTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total									
7:30	25	161		186		93	12	105					15		7	22	313	*	4	0		4	176		
7:45	28	147		175		107	16	123					15		7	22	320	+	9	0		9	166		
8:00	24	125		149		110	18	128					10		14	24	301	*	13	0		10	166		
8:15	22	150		172		95	17	112					16		19	35	319	*	4	0		8	169	677	
8:30	27	159		186		84	21	105					10		11	21	312		3	0		2	170	671	
8:45	29	174		203		78	15	93					10		5	15	311		3	0		1	184	689	
9:00	22	98		120		66	10	76					10		6	16	212		0	0		2	108	631	
9:15	17	81		98		56	8	64					5		3	8	170		0	0		2	86	548	
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Total	194	1095		1289		689	117	806					91		72	163	2258		36	0		38		1186
Avg Hr	97	548		645		345	59	403					46		36	82	1129		18	0		19		

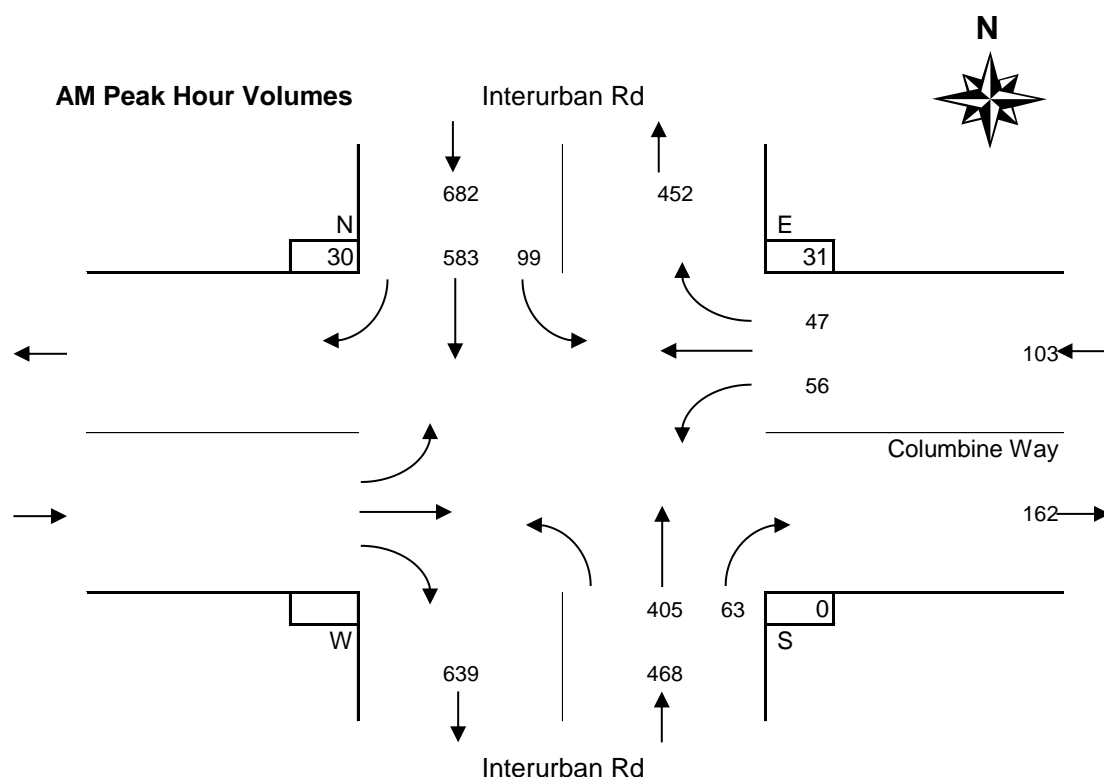
Peak hour of the intersection

Pk Hr	99	583		682		405	63	468					56		47	103	1253*		30	0		31		639
15x4	112	644		744		440	72	512					64		76	140	1280*		52	0		40		720
PHF	0.88	0.91		0.92		0.92	0.88	0.91					0.88		0.62	0.74	0.98		0.58	n/a		0.78		0.89

Peak hour of conflicting volumes for the intersection

Pk Hr	102	608		710		367	71	438					46		49	95	1243*		23	0		21		657
15x4	116	696		812		440	84	512					64		76	140	1276*		52	0		40		772
PHF	0.88	0.87		0.87		0.83	0.85	0.86					0.72		0.64	0.68	0.97		0.44	n/a		0.53		0.85

** Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. **



Time Period Begins	Interurban Rd NORTH Approach				Interurban Rd SOUTH Approach				WEST Approach				Columbine Way EAST Approach				Total Volume		Pedestrians	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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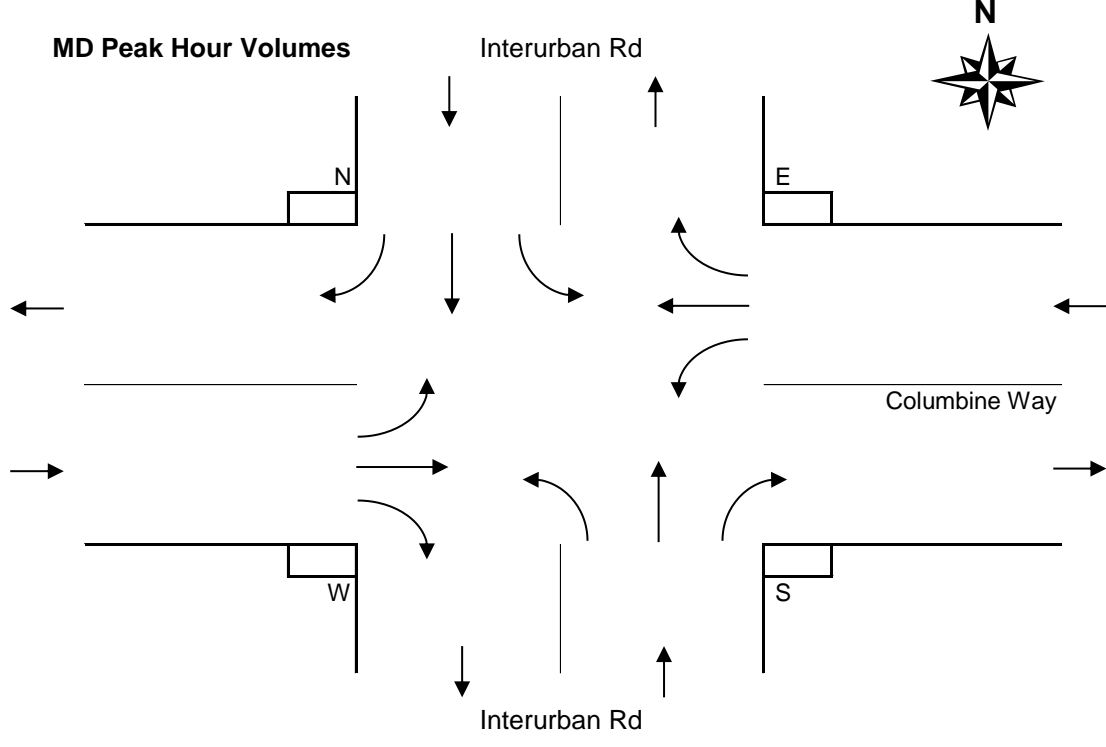
Total																											
Avg Hr																											

Peak hour of the intersection

Pk Hr																											
15x4																											
PHF																											

Peak hour of conflicting volumes for the intersection

Pk Hr																											
15x4																											
PHF																											



Time Period Begins	Interurban Rd NORTH Approach				Interurban Rd SOUTH Approach				WEST Approach				Columbine Way EAST Approach				Total Volume		Veh/ 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
15:30	15	96		111		211	39	250					14		36	50	411		0	0		3	301		
15:45	9	78		87		228	30	258					10		42	52	397		3	0		2	309		
16:00	11	80		91		187	26	213					21		52	73	377		5	0		1	276		
16:15	10	98		108		235	23	258					16		43	59	425	1610*	0	0		1	311	1197	
16:30	8	89		97		251	25	276					22		58	80	453	1652*	2	0		1	342	1238	
16:45	14	87		101		272	31	303					26		50	76	480	1735+	3	0		3	367	1296	
17:00	4	97		101		247	30	277					34		41	75	453	1811*	1	0		2	322	1342	
17:15	4	101		105		189	32	221					13		44	57	383	1769	0	0		1	269	1300	
17:30	6	99		105		191	26	217					13		33	46	368	1684	0	0		0	256	1214	
17:45	11	118		129		133	15	148					17		18	35	312	1516	1	0		2	177	1024	
18:00	7	95		102		149	18	167					8		16	24	293	1356	0	0		1	190	892	
18:15	12	100		112		120	17	137					12		16	28	277	1250	1	0		1	165	788	
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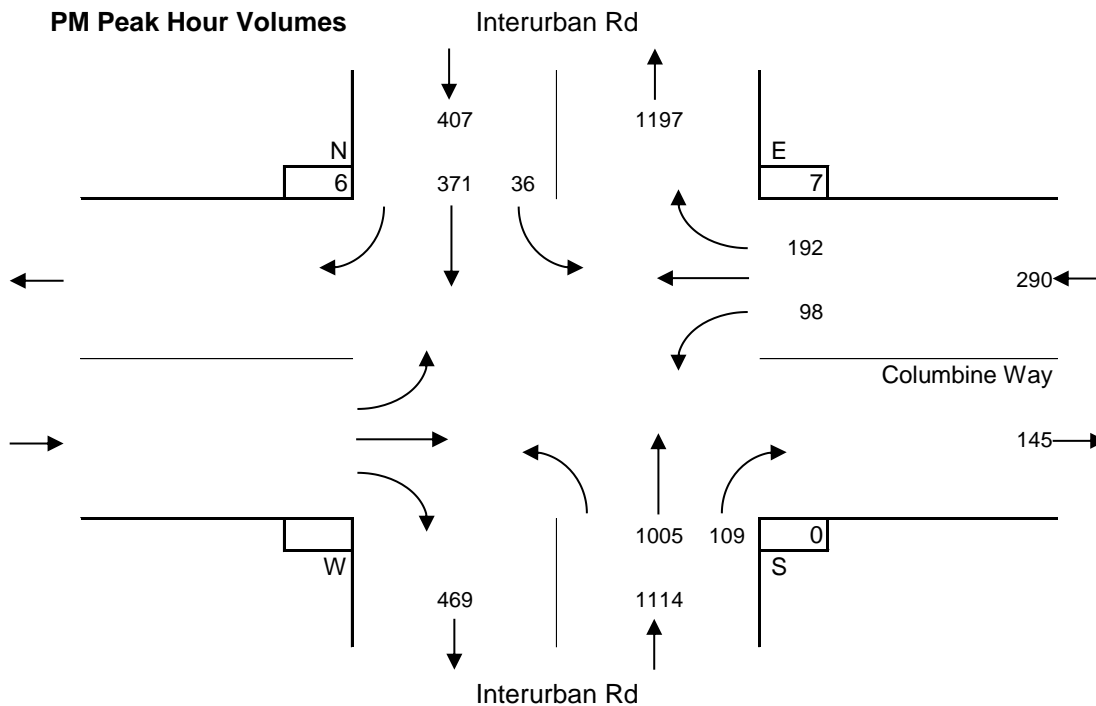
Total	111	1138		1249		2413	312	2725					206		449	655	4629			16	0		18		3285
Avg Hr	37	379		416		804	104	908					69		150	218	1543			5	0		6		

Peak hour of the intersection

Pk Hr	36	371		407		1005	109	1114					98		192	290	1811*			6	0		7		1342
15x4	56	392		432		1088	124	1212					136		232	320	1920+			12	0		12		1500
PHF	0.64	0.95		0.94		0.92	0.88	0.92					0.72		0.83	0.91	0.94			0.50	n/a		0.58		0.89

Peak hour of conflicting volumes for the intersection

Pk Hr	36	371		407		1005	109	1114					98		192	290	1811*			6	0		7		1342
15x4	56	392		432		1088	124	1212					136		232	320	1920+			12	0		12		1500
PHF	0.64	0.95		0.94		0.92	0.88	0.92					0.72		0.83	0.91	0.94			0.50	n/a		0.58		0.89



Entire Survey Period

5 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				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	305	2233		2538		3102	429	3531					297		521	818	6887	52	0		56
Avg Hr	61	447		508		620	86	706					59		104	164	1377	10	0		11

AM Peak Period

2 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				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	194	1095		1289		689	117	806					91		72	163	2258	36	0		38
Avg Hr	97	548		645		345	59	403					46		36	82	1129	18	0		19

MD Peak Period

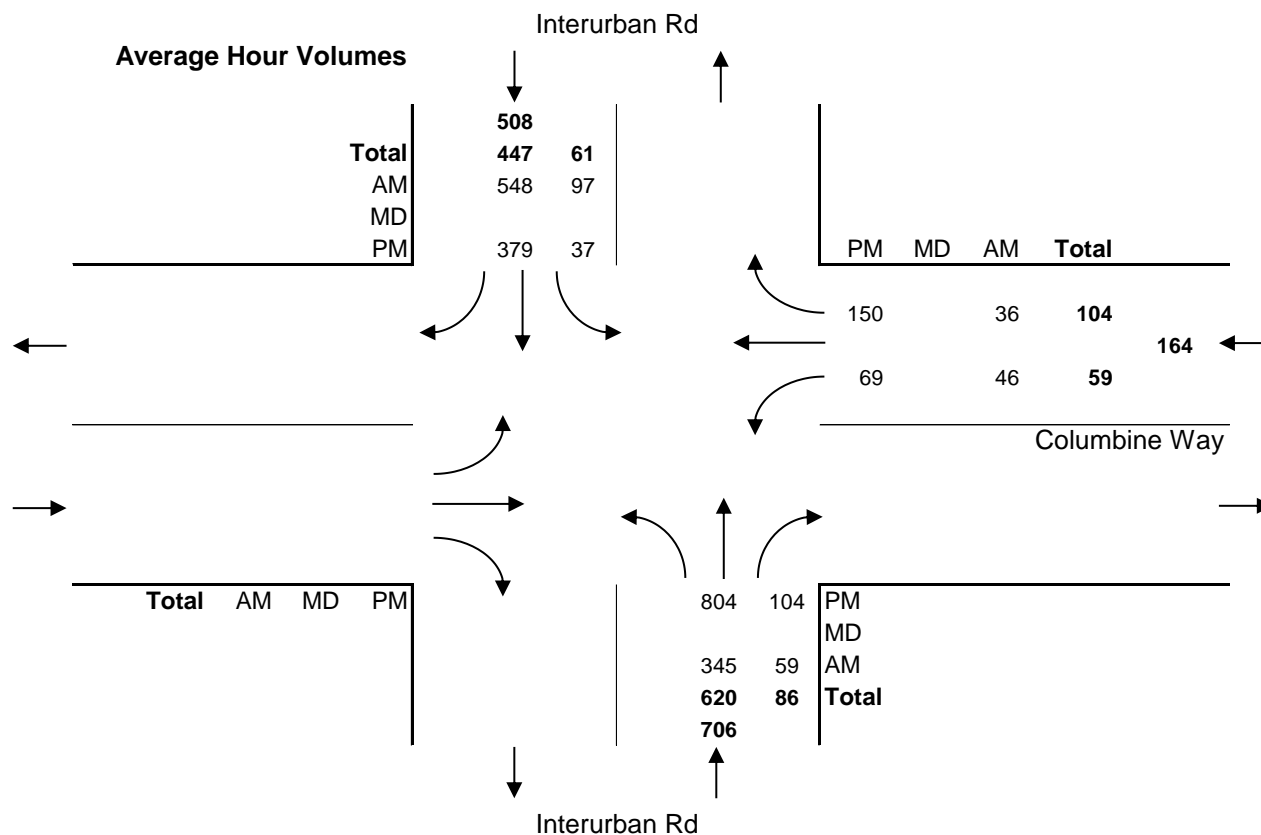
Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				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																					
Avg Hr																					

PM Peak Period

3 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				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	111	1138		1249		2413	312	2725					206		449	655	4629	16	0		18
Avg Hr	37	379		416		804	104	908					69		150	218	1543	5	0		6



Major Route: Interurban Road
Minor Route: Columbine Way
Municipality: Saanich
Filename: Interurban Rd @ Columbine Way-Oct 23, 2019.xlsx
Location #: TIN001179
Count ID: 2019042
Date: October 23, 2019
Day-of-week: Wednesday

East/West Route: Columbine Way
Intersection Type: 4-leg
Signalized?: No
Weather: Overcast 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			
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	Interurban Rd NORTH Approach				Interurban Rd SOUTH Approach				WEST Approach				Columbine Way EAST Approach				Total Volume		Days of Week	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
7:30	0	4	0	4	0	10	0	10	0	0	0	0	2	0	0	2	16	*	0	0	0	0	12	
7:45	0	12	0	12	0	9	0	9	0	0	0	0	1	0	0	1	22	+	0	0	0	0	13	
8:00	0	6	0	6	0	10	0	10	0	0	0	0	0	0	1	1	17	*	0	0	0	0	11	
8:15	0	7	0	7	0	7	0	7	0	0	0	0	0	0	0	0	14	69*	0	0	0	0	7	43
8:30	0	5	0	5	0	4	0	4	0	0	0	0	0	0	0	0	9	62	0	0	0	0	5	36
8:45	0	3	0	3	0	2	1	3	0	0	0	0	1	0	0	1	7	47	0	0	0	0	4	27
9:00	0	2	0	2	0	13	0	13	0	0	0	0	0	0	0	0	15	45	0	0	0	0	13	29
9:15	0	3	0	3	0	6	0	6	0	0	0	0	0	0	0	0	9	40	0	0	0	0	6	28
n/a																								
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Total	0	42	0	42	0	61	1	62	0	0	0	0	4	0	1	5	109			0	0	0	0	66
Avg Hr	0	21	0	21	0	31	1	31	0	0	0	0	2	0	1	3	55			0	0	0	0	

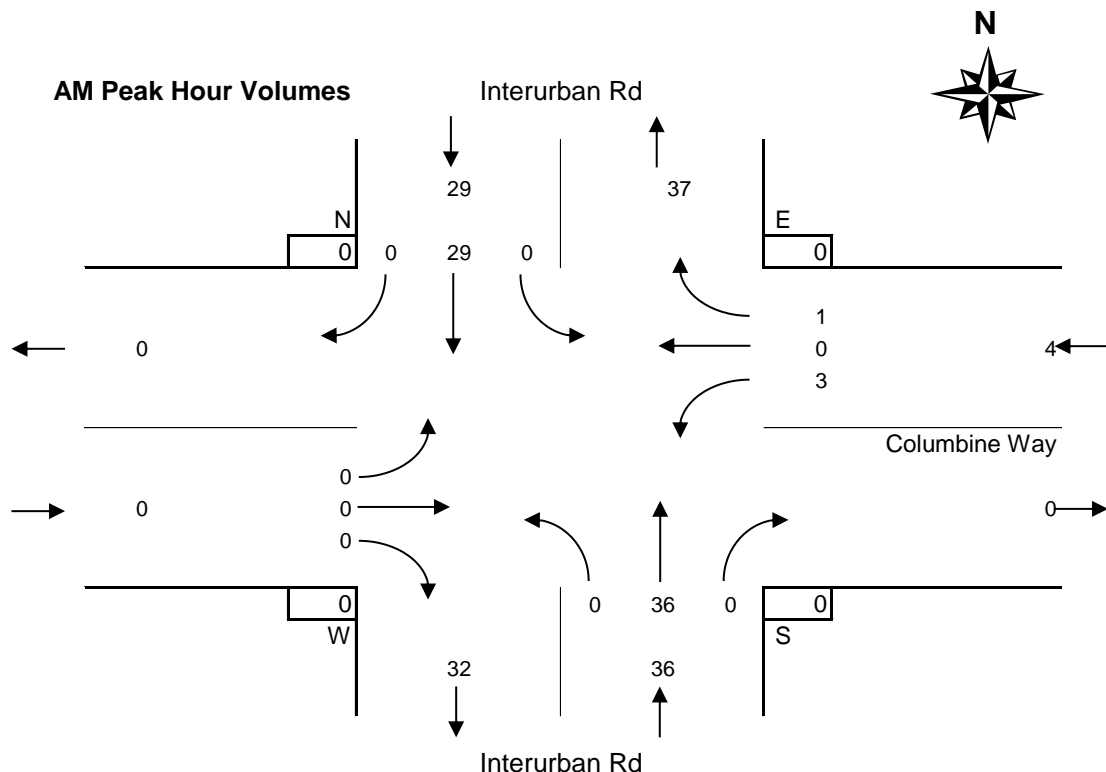
Peak hour of the intersection

Pk Hr	0	29	0	29	0	36	0	36	0	0	0	0	3	0	1	4	69*			0	0	0	0	39
15x4	0	48	0	48	0	40	0	40	0	0	0	0	8	0	4	8	88*			0	0	0	0	56
PHF	n/a	0.60	n/a	0.60	n/a	0.90	n/a	0.90	n/a	n/a	n/a	n/a	0.38	n/a	0.25	0.50	0.78			n/a	n/a	n/a	n/a	0.70

Peak hour of conflicting volumes for the intersection

Pk Hr	0	29	0	29	0	36	0	36	0	0	0	0	3	0	1	4	69*			0	0	0	0	39
15x4	0	48	0	48	0	40	0	40	0	0	0	0	8	0	4	8	88*			0	0	0	0	56
PHF	n/a	0.60	n/a	0.60	n/a	0.90	n/a	0.90	n/a	n/a	n/a	n/a	0.38	n/a	0.25	0.50	0.78			n/a	n/a	n/a	n/a	0.70

** Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. **



Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume		Conflict	Conflict			
	NORTH Approach				SOUTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		15 min	Hr		
	Left	Thru	Right	Total	Left	Thru	Right	Total														Left	Thru
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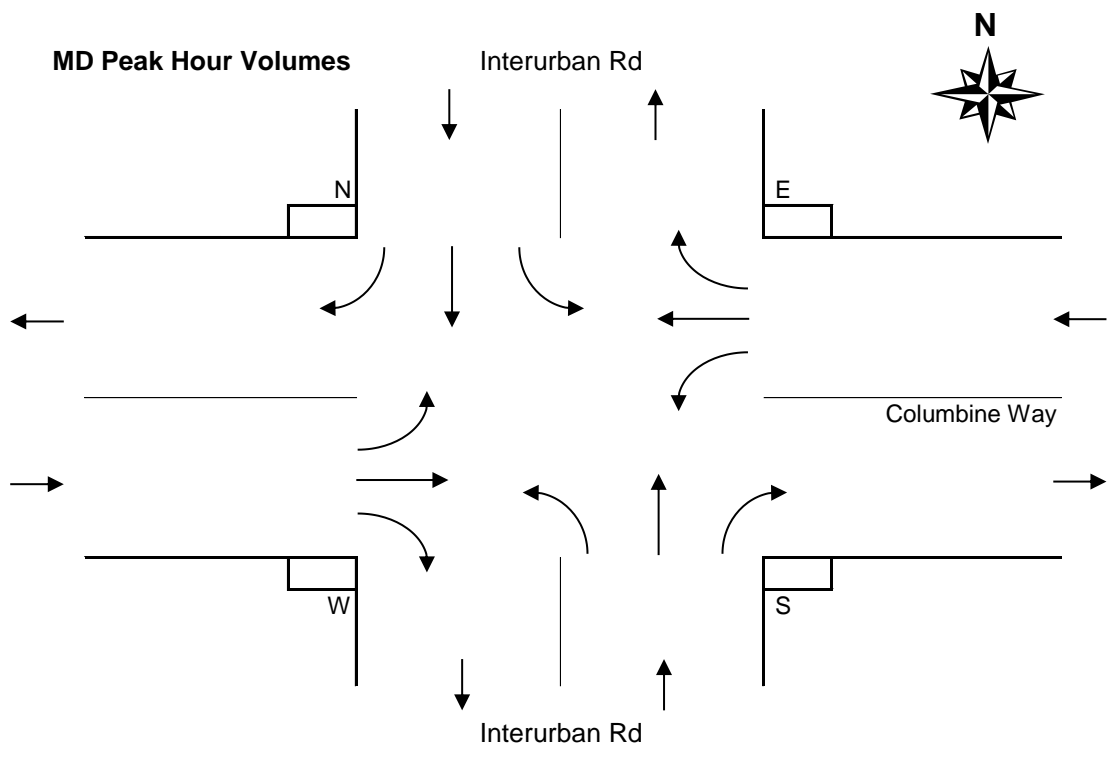
Total																							
Avg Hr																							

Peak hour of the intersection

Pk Hr																							
15x4																							
PHF																							

Peak hour of conflicting volumes for the intersection

Pk Hr																							
15x4																							
PHF																							



Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume		kph	Conflict					
	NORTH Approach				SOUTH Approach				Left	Thru	Right	Total	EAST Approach				15-min	Hour		N	S	W	E	15 min	Hr
	Left	Thru	Right	Total	Left	Thru	Right	Total					Left	Thru	Right	Total									
15:30	0	7	0	7	0	3	0	3	0	0	0	0	0	0	1	1	11		0	0	0	0	8		
15:45	0	10	0	10	0	3	0	3	0	0	0	0	0	0	0	0	13		0	0	0	0	10		
16:00	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8		0	0	0	0	4		
16:15	0	6	0	6	0	8	1	9	0	0	0	0	0	0	0	0	15	47	0	0	0	0	9	31	
16:30	0	10	0	10	0	15	0	15	0	0	0	0	2	0	0	2	27	63*	0	0	0	0	17	40	
16:45	0	5	0	5	0	14	1	15	0	0	0	0	0	0	1	1	21	71*	0	0	0	0	16	46	
17:00	0	6	0	6	0	22	0	22	0	0	0	0	1	0	0	1	29	92+	0	0	0	0	23	65	
17:15	0	10	0	10	0	7	0	7	0	0	0	0	0	0	0	0	17	94*	0	0	0	0	10	66	
17:30	0	10	0	10	0	6	1	7	0	0	0	0	0	0	0	0	17	84	0	0	0	0	10	59	
17:45	1	4	0	5	0	4	0	4	0	0	0	0	0	0	0	0	9	72	0	0	0	0	5	48	
18:00	0	1	0	1	0	3	1	4	0	0	0	0	0	0	0	0	5	48	0	0	0	0	4	29	
18:15	1	1	0	2	0	2	0	2	0	0	0	0	1	0	0	1	5	36	0	0	0	0	4	23	
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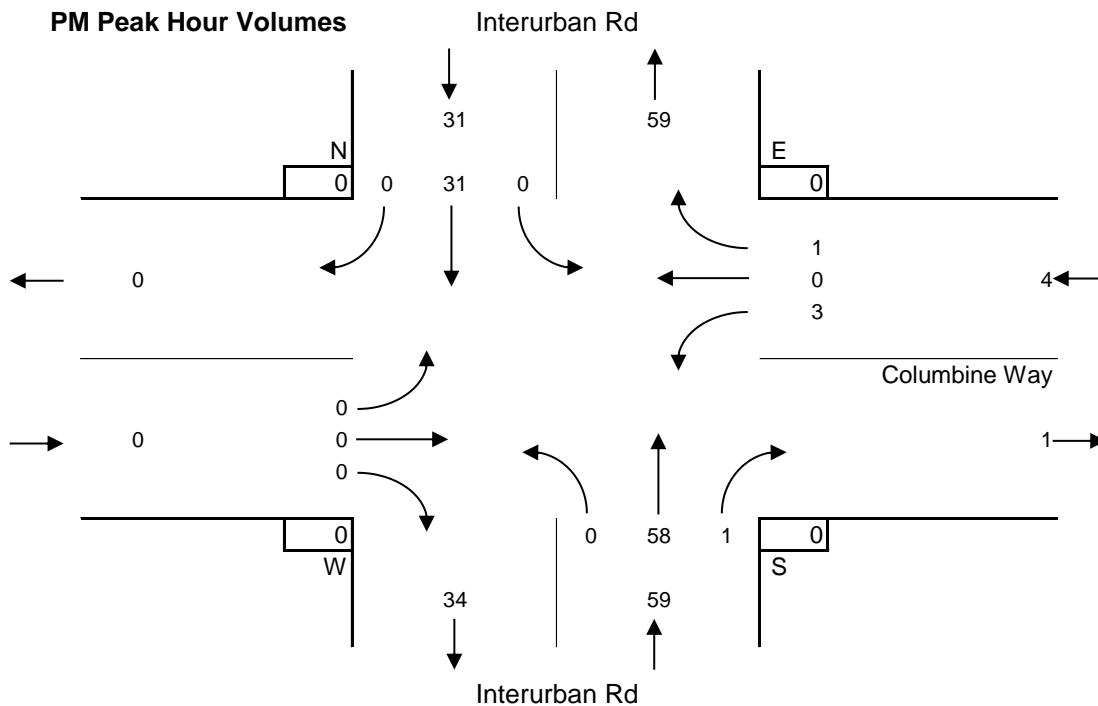
Total	2	74	0	76	0	91	4	95	0	0	0	0	4	0	2	6	177		0	0	0	0		101
Avg Hr	1	25	0	25	0	30	1	32	0	0	0	0	1	0	1	2	59		0	0	0	0		

Peak hour of the intersection

Pk Hr	0	31	0	31	0	58	1	59	0	0	0	0	3	0	1	4	94*		0	0	0	0		62
15x4	0	40	0	40	0	88	4	88	0	0	0	0	8	0	4	8	116+		0	0	0	0		100
PHF	n/a	0.78	n/a	0.78	n/a	0.66	0.25	0.67	n/a	n/a	n/a	n/a	0.38	n/a	0.25	0.50	0.81		n/a	n/a	n/a	n/a		0.62

Peak hour of conflicting volumes for the intersection

Pk Hr	0	31	0	31	0	58	1	59	0	0	0	0	3	0	1	4	94*		0	0	0	0		62
15x4	0	40	0	40	0	88	4	88	0	0	0	0	8	0	4	8	116+		0	0	0	0		100
PHF	n/a	0.78	n/a	0.78	n/a	0.66	0.25	0.67	n/a	n/a	n/a	n/a	0.38	n/a	0.25	0.50	0.81		n/a	n/a	n/a	n/a		0.62



Entire Survey Period

5 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	2	116	0	118	0	152	5	157	0	0	0	0	8	0	3	11	286	0	0	0	0
Avg Hr	0	23	0	24	0	30	1	31	0	0	0	0	2	0	1	2	57	0	0	0	0

AM Peak Period

2 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume				
	NORTH Approach				SOUTH 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	42	0	42	0	61	1	62	0	0	0	0	4	0	1	5	109	0	0	0	0
Avg Hr	0	21	0	21	0	31	1	31	0	0	0	0	2	0	1	3	55	0	0	0	0

MD Peak Period

Hours

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume				
	NORTH Approach				SOUTH 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

	Interurban Rd				Interurban Rd				WEST Approach				Columbine Way				Total Volume				
	NORTH Approach				SOUTH Approach								EAST Approach					N S W E			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	2	74	0	76	0	91	4	95	0	0	0	0	4	0	2	6	177	0	0	0	0
Avg Hr	1	25	0	25	0	30	1	32	0	0	0	0	1	0	1	2	59	0	0	0	0

