

Interurban Road @ Markham Street

Tuesday, December 01, 2020



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Major Route: Interurban Road
Minor Route: Markham Street
Municipality: Saanich
Filename: Interurban Rd @ Markham St-Dec 1, 2020.xlsx
Location #: TIN001791
Count ID: 2020036
Date: December 1, 2020
Day-of-week: Tuesday

East/West Route: Markham Street
Intersection Type: 3-leg east approach
Signalized?: No
Weather: Clear and damp

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 @ Markham Street
Tuesday, December 1, 2020

Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Markham St				Total Volume		Ped	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total							
7:30	6	73		79	60	28	88					4		1	5	172	*	0	0		1		
7:45	12	72		84	63	37	100					4		1	5	189	+	0	0		0		
8:00	6	50		56	50	19	69					5		0	5	130	*	0	0		0		
8:15	10	48		58	49	26	75					9		1	10	143	634*	0	0		0		
8:30	7	61		68	53	23	76					8		2	10	154	616	0	0		0		
8:45	3	47		50	69	18	87					8		1	9	146	573	0	0		0		
9:00	2	42		44	57	10	67					12		4	16	127	570	0	0		0		
9:15	2	52		54	56	11	67					2		0	2	123	550	0	0		3		
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n/a																							
n/a																							
Total	48	445		493	457	172	629					52		10	62	1184		0	0		4		

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n/a																					
Total																					

15:30	4	78		82	73	10	83					15		3	18	183		*	0	0		2
15:45	6	91		97	74	9	83					17		5	22	202		*	1	0		1
16:00	3	93		96	67	11	78					24		9	33	207		+	1	1		0
16:15	2	87		89	68	5	73					20		4	24	186	778*		0	2		0
16:30	0	72		72	74	5	79					16		3	19	170	765		0	0		0
16:45	1	76		77	70	7	77					8		5	13	167	730		0	0		0
17:00	3	99		102	65	5	70					9		4	13	185	708		0	0		0
17:15	3	77		80	56	3	59					13		6	19	158	680		0	0		0
17:30	0	55		55	49	6	55					7		0	7	117	627		0	0		0
17:45	4	43		47	39	7	46					6		1	7	100	560		0	0		0
18:00	0	34		34	34	5	39					12		4	16	89	464		0	0		2
18:15	0	36		36	29	3	32					2		0	2	70	376		0	0		0
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n/a																						
Total	26	841		867	698	76	774					149		44	193	1834			2	3		5

Time Period Begins	Interurban Rd NORTH Approach				Interurban Rd SOUTH Approach				WEST Approach				EAST Approach				Total Volume		Mod	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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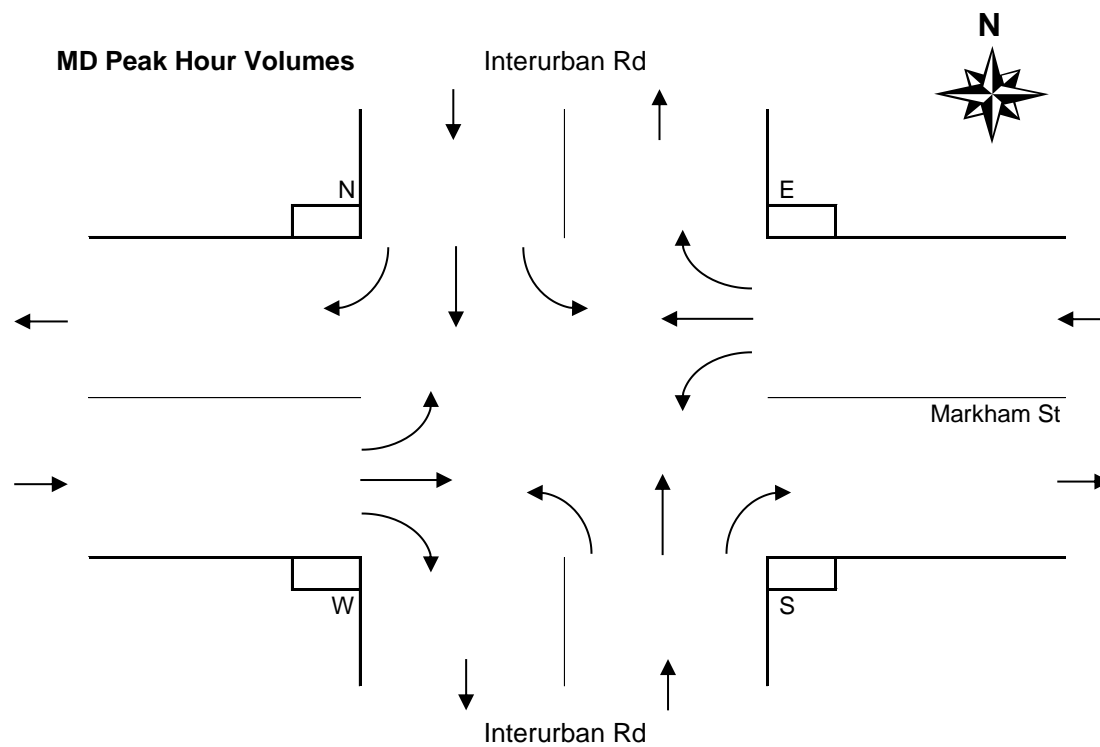
Total																										
Avg Hr																										

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				Interurban Rd				WEST Approach				Markham St				Total Volume		Sat. D.L.	Crosswalks				Conflict	
	NORTH Approach				SOUTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
15:30	4	78		82		73	10	83					15		3	18	183	*	0	0		2	102		
15:45	6	91		97		74	9	83					17		5	22	202	*	1	0		1	108		
16:00	3	93		96		67	11	78					24		9	33	207	+	1	1		0	117		
16:15	2	87		89		68	5	73					20		4	24	186	*	0	2		0	107	434	
16:30	0	72		72		74	5	79					16		3	19	170		0	0		0	95	427	
16:45	1	76		77		70	7	77					8		5	13	167		0	0		0	86	405	
17:00	3	99		102		65	5	70					9		4	13	185		0	0		0	108	396	
17:15	3	77		80		56	3	59					13		6	19	158		0	0		0	90	379	
17:30	0	55		55		49	6	55					7		0	7	117		0	0		0	62	346	
17:45	4	43		47		39	7	46					6		1	7	100		0	0		0	56	316	
18:00	0	34		34		34	5	39					12		4	16	89		0	0		2	51	259	
18:15	0	36		36		29	3	32					2		0	2	70		0	0		0	38	207	
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n/a																									
n/a																									
n/a																									
n/a																									

Total	26	841		867		698	76	774					149		44	193	1834							
Avg Hr	9	280		289		233	25	258					50		15	64	611							

	2	3		5		990
	1	1		2		

Peak hour of the intersection

Pk Hr	15	349		364		282	35	317					76		21	97	778	*						
15x4	24	372		388		296	44	332					96		36	132	828	+						
PHF	0.63	0.94		0.94		0.95	0.80	0.95					0.79		0.58	0.73	0.94							

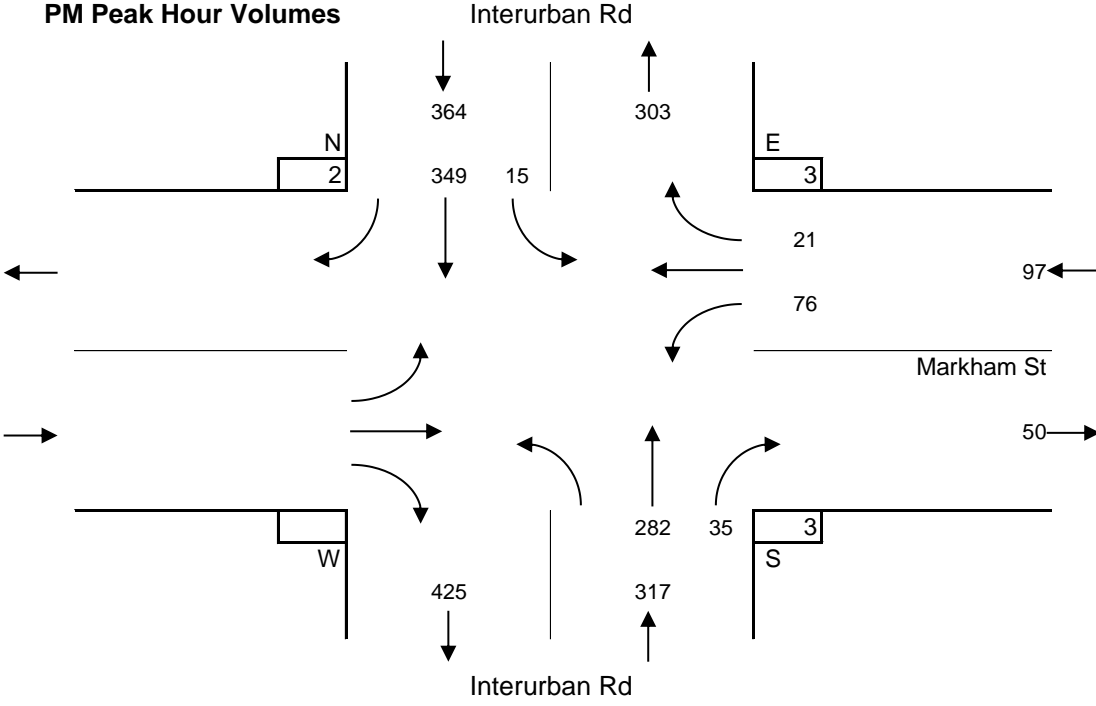
	2	3		3		425
	4	8		8		468
	0.50	0.38		0.38		0.91

Peak hour of conflicting volumes for the intersection

Pk Hr	15	349		364		282	35	317					76		21	97	778	*						
15x4	24	372		388		296	44	332					96		36	132	828	+						
PHF	0.63	0.94		0.94		0.95	0.80	0.95					0.79		0.58	0.73	0.94							

	2	3		3		425
	4	8		8		468
	0.50	0.38		0.38		0.91

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



Entire Survey Period

5 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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	74	1286		1360		1155	248	1403					201		54	255	3018	2	3		9
Avg Hr	15	257		272		231	50	281					40		11	51	604	0	1		2

AM Peak Period

2 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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	48	445		493		457	172	629					52		10	62	1184	0	0		4
Avg Hr	24	223		247		229	86	315					26		5	31	592	0	0		2

MD Peak Period

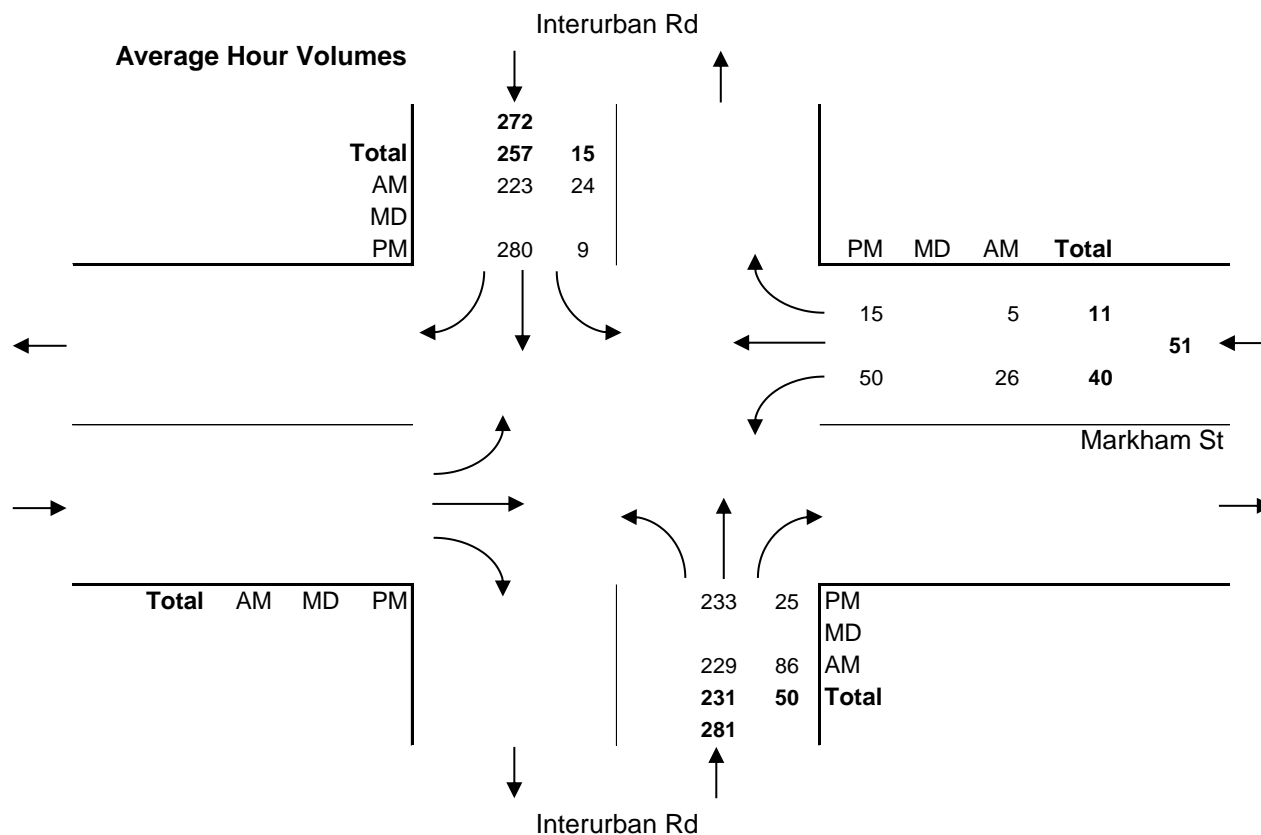
Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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	26	841		867		698	76	774					149		44	193	1834	2	3		5
Avg Hr	9	280		289		233	25	258					50		15	64	611	1	1		2



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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

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 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
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Comments:

Survey Data
Bikes

Interurban Road @ Markham Street
Tuesday, December 1, 2020

Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Markham St				Total Volume		Peak				
	NORTH Approach				SOUTH Approach				EAST Approach				15-min	Hour	N	S	W	E					
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total								Left	Thru	Right	Total
7:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	
7:45	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	+	0	0	0	0	
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	*	0	0	0	0	
8:30	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	*	0	0	0	0	
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	4		0	0	0	0	
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	
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Total	1	6	0	7	0	2	0	2	0	0	0	0	0	0	0	0	9		0	0	0	0	

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Total																						

15:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	*	0	0	0	0
15:45	1	0	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	+	0	0	0	0
16:00	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	*	0	0	0	0
16:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	12	*	0	0	0
16:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11		0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0
17:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	6		0	0	0
17:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0
17:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0
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Total	2	5	0	7	0	11	0	11	0	0	0	0	0	0	0	0	18		0	0	0	0

Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Markham St				Total Volume		Speed	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																	
7:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:45	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	+	0	0	0	0	2	
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4*	0	0	0	0	0	
8:30	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5*	0	0	0	0	1	3
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	1	2
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	3
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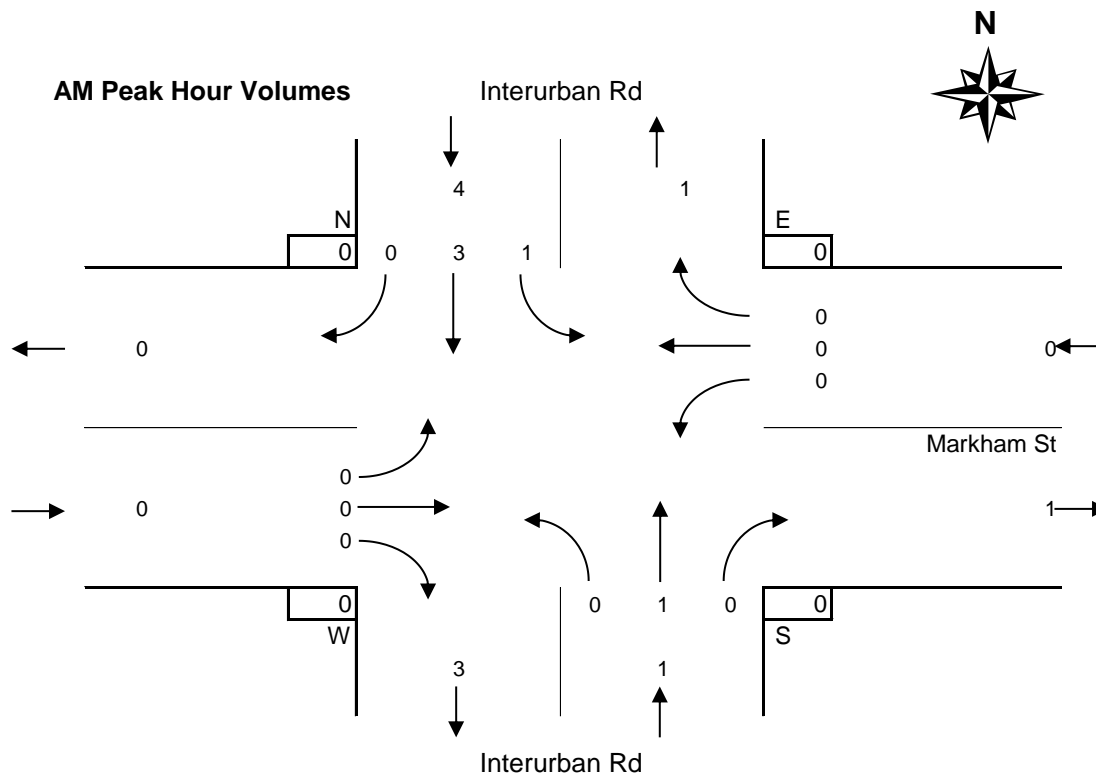
Total	1	6	0	7	0	2	0	2	0	0	0	0	0	0	0	0	9		0	0	0	0		6
Avg Hr	1	3	0	4	0	1	0	1	0	0	0	0	0	0	0	0	5		0	0	0	0		6

Peak hour of the intersection

Pk Hr	1	3	0	4	0	1	0	1	0	0	0	0	0	0	0	0	5*		0	0	0	0		3
15x4	4	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	12+		0	0	0	0		8
PHF	0.25	0.38	n/a	0.50	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.42		n/a	n/a	n/a	n/a		0.38

Peak hour of conflicting volumes for the intersection

Pk Hr	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4*		0	0	0	0		3
15x4	0	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	12+		0	0	0	0		8
PHF	n/a	0.38	n/a	0.38	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.33		n/a	n/a	n/a	n/a		0.38



Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				Markham St				Total Volume		Days of Week	Conflict					
	NORTH Approach				SOUTH Approach								EAST Approach				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									
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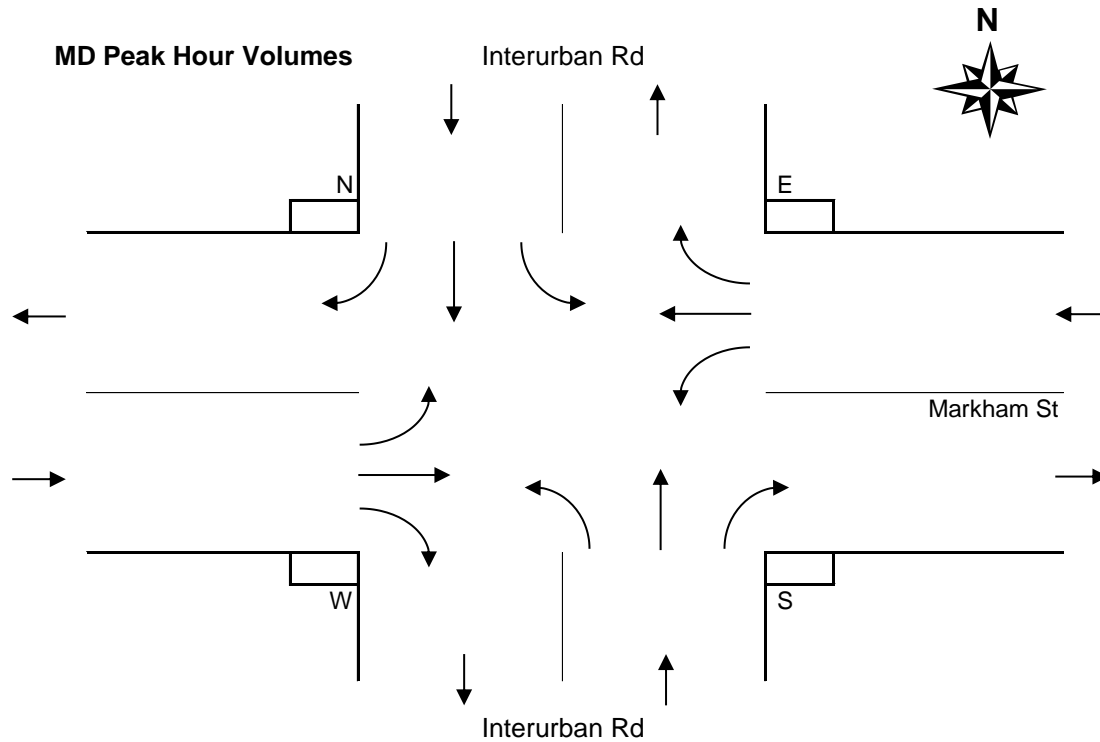
Total																										
Avg Hr																										

Peak hour of the intersection

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Peak hour of conflicting volumes for the intersection

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Time Period Begins	Interurban Rd				Interurban Rd				WEST Approach				EAST Approach				Total Volume		Yield					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									
15:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	*	0	0	0	0	1		
15:45	1	0	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	+	0	0	0	0	4		
16:00	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	*	0	0	0	0	3		
16:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	12*	0	0	0	0	2	10	
16:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11	0	0	0	0	1	10	
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	6	
17:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	6	0	0	0	0	2	5	
17:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4	
17:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4	
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	3	
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2	
n/a																									
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Total	2	5	0	7	0	11	0	11	0	0	0	0	0	0	0	0	18			0	0	0	0	13
Avg Hr	1	2	0	2	0	4	0	4	0	0	0	0	0	0	0	6			0	0	0	0		

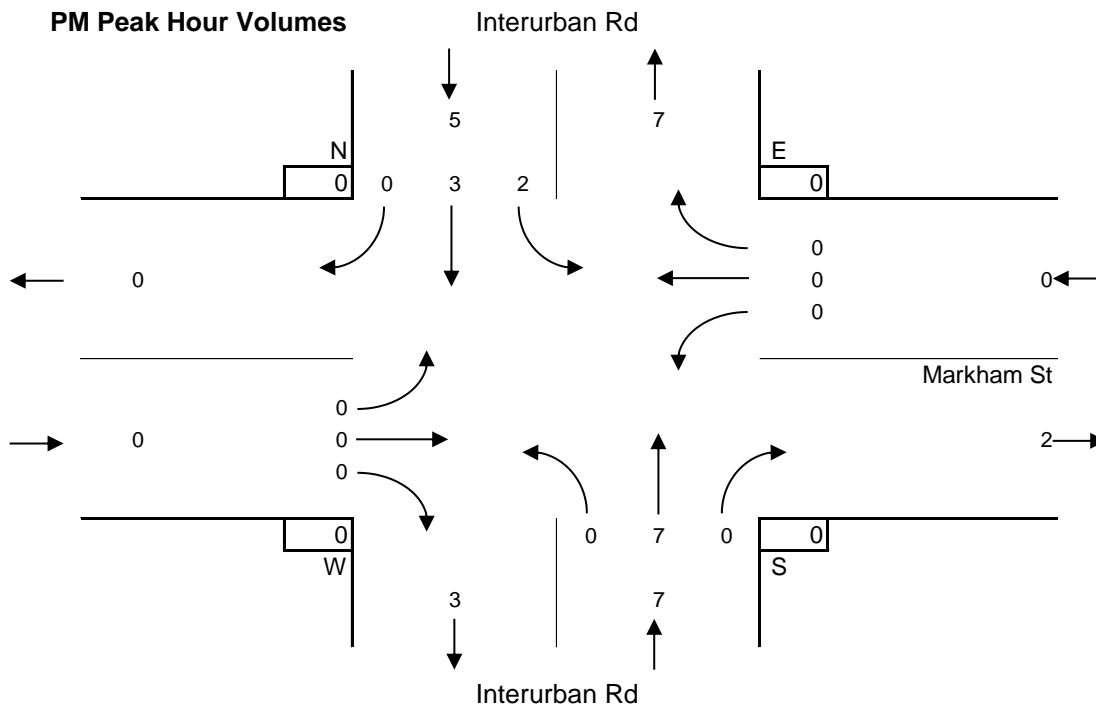
Peak hour of the intersection

Pk Hr	2	3	0	5	0	7	0	7	0	0	0	0	0	0	0	12*			0	0	0	0	9
15x4	4	8	0	8	0	12	0	12	0	0	0	0	0	0	0	16*			0	0	0	0	16
PHF	0.50	0.38	n/a	0.63	n/a	0.58	n/a	0.58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75			n/a	n/a	n/a	n/a	0.56

Peak hour of conflicting volumes for the intersection

Pk Hr	2	3	0	5	0	7	0	7	0	0	0	0	0	0	0	12*			0	0	0	0	9
15x4	4	8	0	8	0	12	0	12	0	0	0	0	0	0	0	16*			0	0	0	0	16
PHF	0.50	0.38	n/a	0.63	n/a	0.58	n/a	0.58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75			n/a	n/a	n/a	n/a	0.56

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



Entire Survey Period

5 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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	3	11	0	14	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Hr	1	2	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AM Peak Period

2 Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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	1	6	0	7	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Hr	1	3	0	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MD Peak Period

Hours

	Interurban Rd				Interurban Rd				WEST Approach				Markham St				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				Markham St				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	5	0	7	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avg Hr	1	2	0	2	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

