

Judah Street @ Bremerton Street

Tuesday, March 03, 2020



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Major Route: Judah Street
Minor Route: Bremerton Street
Municipality: Saanich
Filename: Judah St @ Bremerton St-Mar 3, 2020.xlsx
Location #: TIN001205
Count ID: 202011
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Judah Street
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	Bremerton St NORTH Approach				Bremerton St SOUTH Approach				Judah St WEST Approach				Judah St EAST Approach				Total Volume		Vehicles per Hour	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	1	3	5	0	0	2	2	2	19	0	21	1	11	0	12	40			0	1	3	0	24
7:45	1	2	2	5	0	0	2	2	7	22	0	29	0	6	0	6	42	*	0	5	10	0	26		
8:00	1	0	5	6	0	1	1	2	5	28	0	33	1	13	0	14	55	*	0	7	9	1	34		
8:15	1	0	5	6	0	1	0	1	7	49	0	56	2	24	2	28	91	228+	0	31	35	1	56	140	
8:30	0	0	7	7	1	2	0	3	7	28	0	35	1	14	1	16	61	249*	2	11	15	0	37	153	
8:45	0	2	5	7	0	1	0	1	5	15	1	21	0	7	3	10	39	246	1	6	10	0	23	150	
9:00	2	0	3	5	0	1	0	1	1	9	0	10	1	8	3	12	28	219	0	3	4	0	15	131	
9:15	0	0	7	7	1	1	1	3	3	6	0	9	0	8	0	8	27	155	0	1	5	0	19	94	
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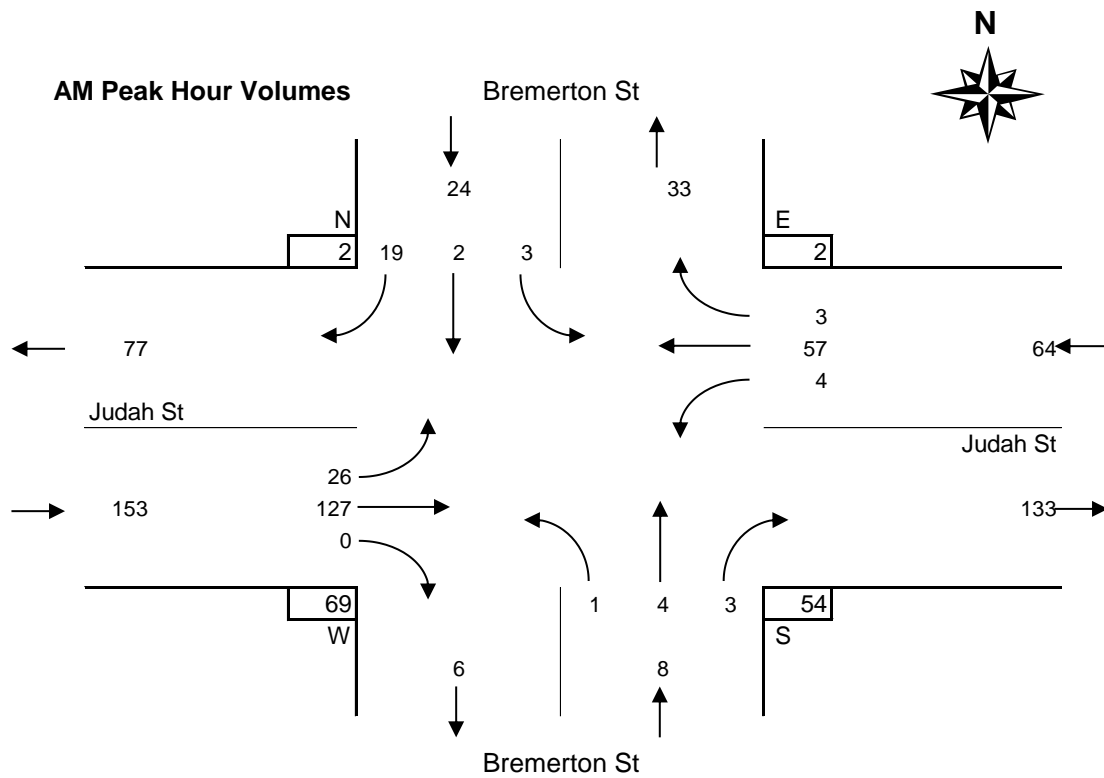
Total	6	5	37	48	2	7	6	15	37	176	1	214	6	91	9	106	383			3	65	91	2	227
Avg Hr	3	3	19	24	1	4	3	8	19	88	1	107	3	46	5	53	192			2	33	46	1	

Peak hour of the intersection

Pk Hr	3	2	19	24	1	4	3	8	26	127	0	153	4	57	3	64	249	*	2	54	69	2	153
15x4	4	8	28	28	4	8	8	12	28	196	0	224	8	96	8	112	364	+	8	124	140	4	244
PHF	0.75	0.25	0.68	0.86	0.25	0.50	0.38	0.67	0.93	0.65	n/a	0.68	0.50	0.59	0.38	0.57	0.68		0.25	0.44	0.49	0.50	0.63

Peak hour of conflicting volumes for the intersection

Pk Hr	3	2	19	24	1	4	3	8	26	127	0	153	4	57	3	64	249	*	2	54	69	2	153
15x4	4	8	28	28	4	8	8	12	28	196	0	224	8	96	8	112	364	+	8	124	140	4	244
PHF	0.75	0.25	0.68	0.86	0.25	0.50	0.38	0.67	0.93	0.65	n/a	0.68	0.50	0.59	0.38	0.57	0.68		0.25	0.44	0.49	0.50	0.63



Time Period Begins	Bremerton St				Bremerton St				Judah St				Judah St				Total Volume		Ped Vol	Crosswalks				Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach							N		S		W	
	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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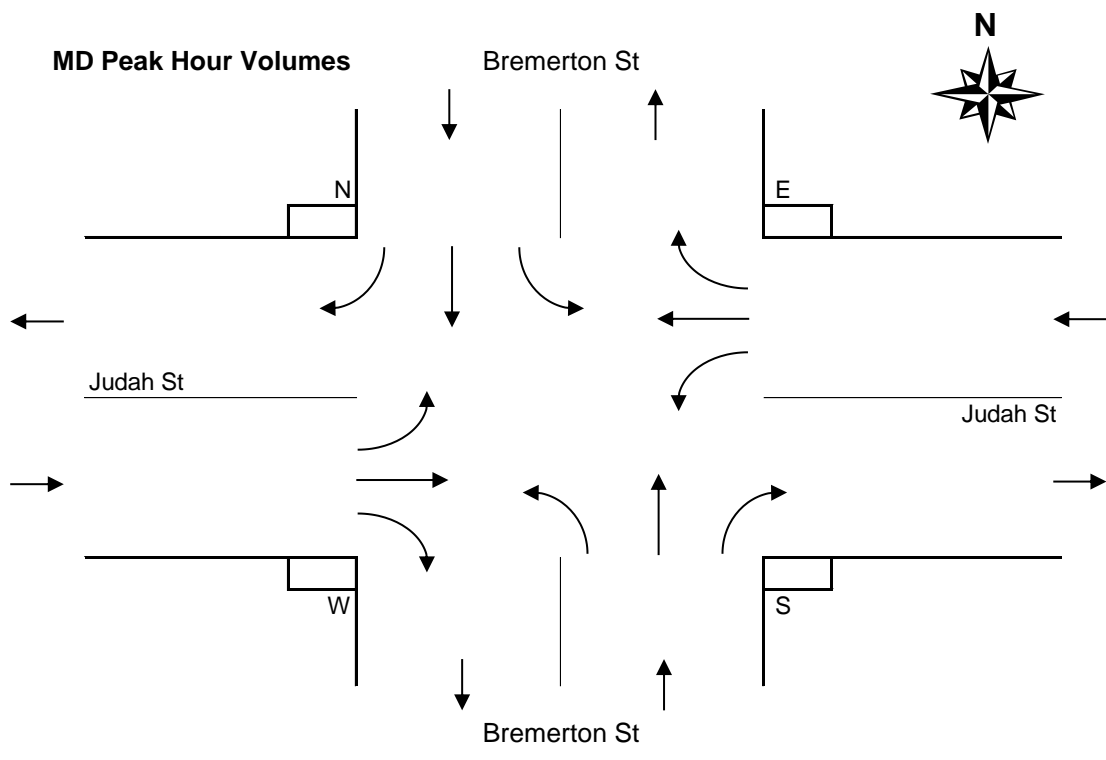
Total																								
Avg Hr																								

Peak hour of the intersection

Pk Hr																								
15x4																								
PHF																								

Peak hour of conflicting volumes for the intersection

Pk Hr																								
15x4																								
PHF																								



Time Period Begins	Bremerton St NORTH Approach				Bremerton St SOUTH Approach				Judah St WEST Approach				Judah St EAST Approach				Total Volume		Ped Count	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	0	1	6	7	0	0	0	0	5	7	1	13	1	36	3	40	60		0	3	2	4	51		
15:45	1	1	4	6	1	1	3	5	6	8	0	14	1	38	4	43	68	+	0	5	4	2	54		
16:00	0	0	1	1	0	0	0	0	4	12	0	16	3	36	1	40	57	*	0	10	11	0	42		
16:15	0	1	5	6	0	1	1	2	3	11	0	14	2	39	3	44	66	251*	0	2	5	1	51	198	
16:30	2	0	4	6	0	1	3	4	5	6	0	11	5	32	3	40	61	252*	0	2	4	0	46	193	
16:45	3	0	3	6	0	0	1	1	3	6	1	10	5	30	2	37	54	238	0	4	15	0	39	178	
17:00	0	0	3	3	0	0	3	3	2	8	1	11	2	38	0	40	57	238	0	2	1	0	43	179	
17:15	1	0	5	6	1	0	2	3	7	7	1	15	5	26	3	34	58	230	0	2	5	0	42	170	
17:30	1	0	1	2	0	0	4	4	3	7	0	10	0	26	2	28	44	213	1	2	0	0	36	160	
17:45	0	1	7	8	1	3	1	5	1	8	2	11	3	20	2	25	49	208	0	2	4	0	32	153	
18:00	0	1	1	2	0	0	1	1	6	8	0	14	2	21	0	23	40	191	1	0	0	1	29	139	
18:15	1	0	5	6	1	3	0	4	0	8	0	8	2	10	4	16	34	167	1	0	10	0	20	117	
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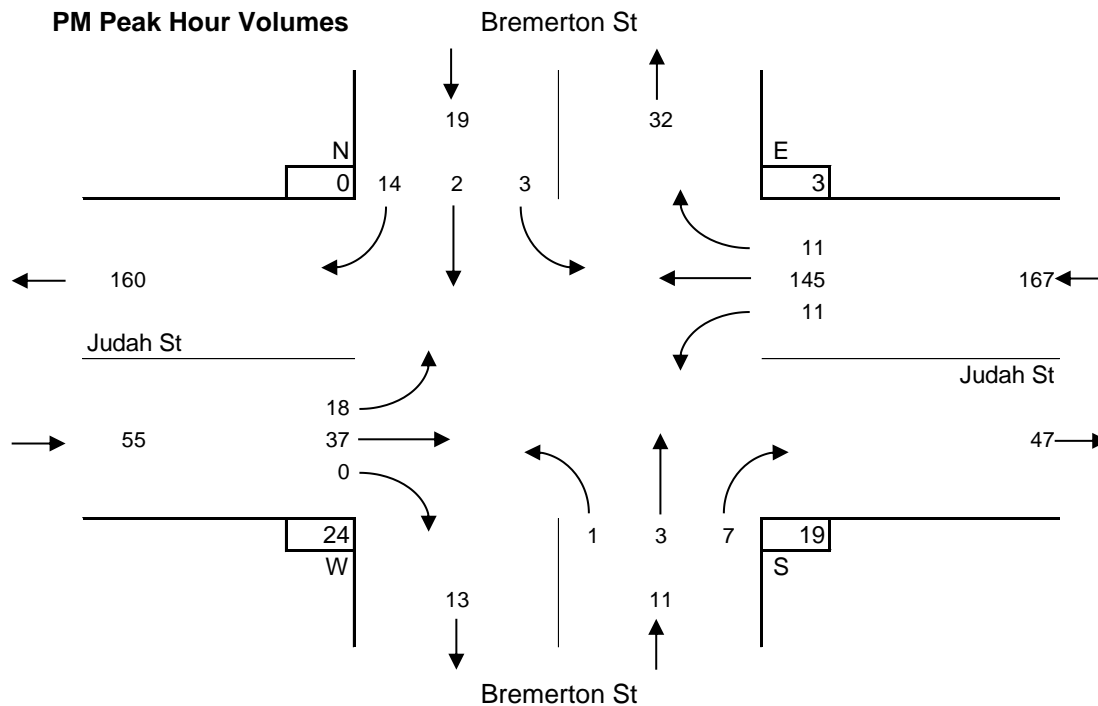
Total	9	5	45	59	4	9	19	32	45	96	6	147	31	352	27	410	648								3	34	61	8	478
Avg Hr	3	2	15	20	1	3	6	11	15	32	2	49	10	117	9	137	216								1	11	20	3	

Peak hour of the intersection

Pk Hr	3	2	14	19	1	3	7	11	18	37	0	55	11	145	11	167	252	*	0	19	24	3	191
15x4	8	4	20	24	4	4	12	20	24	48	0	64	20	156	16	176	272	+	0	40	44	8	224
PHF	0.38	0.50	0.70	0.79	0.25	0.75	0.58	0.55	0.75	0.77	n/a	0.86	0.55	0.93	0.69	0.95	0.93		n/a	0.48	0.55	0.38	0.85

Peak hour of conflicting volumes for the intersection

Pk Hr	1	3	16	20	1	2	4	7	18	38	1	57	7	149	11	167	251	*	0	20	22	7	198
15x4	4	4	24	28	4	4	12	20	24	48	4	64	12	156	16	176	272	+	0	40	44	16	228
PHF	0.25	0.75	0.67	0.71	0.25	0.50	0.33	0.35	0.75	0.79	0.25	0.89	0.58	0.96	0.69	0.95	0.92		n/a	0.50	0.50	0.44	0.87



Entire Survey Period

5 Hours

	Bremerton St				Bremerton St				Judah St				Judah 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	15	10	82	107	6	16	25	47	82	272	7	361	37	443	36	516	1031	6	99	152	10
Avg Hr	3	2	16	21	1	3	5	9	16	54	1	72	7	89	7	103	206	1	20	30	2

AM Peak Period

2 Hours

	Bremerton St				Bremerton St				Judah St				Judah 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	6	5	37	48	2	7	6	15	37	176	1	214	6	91	9	106	383	3	65	91	2
Avg Hr	3	3	19	24	1	4	3	8	19	88	1	107	3	46	5	53	192	2	33	46	1

MD Peak Period

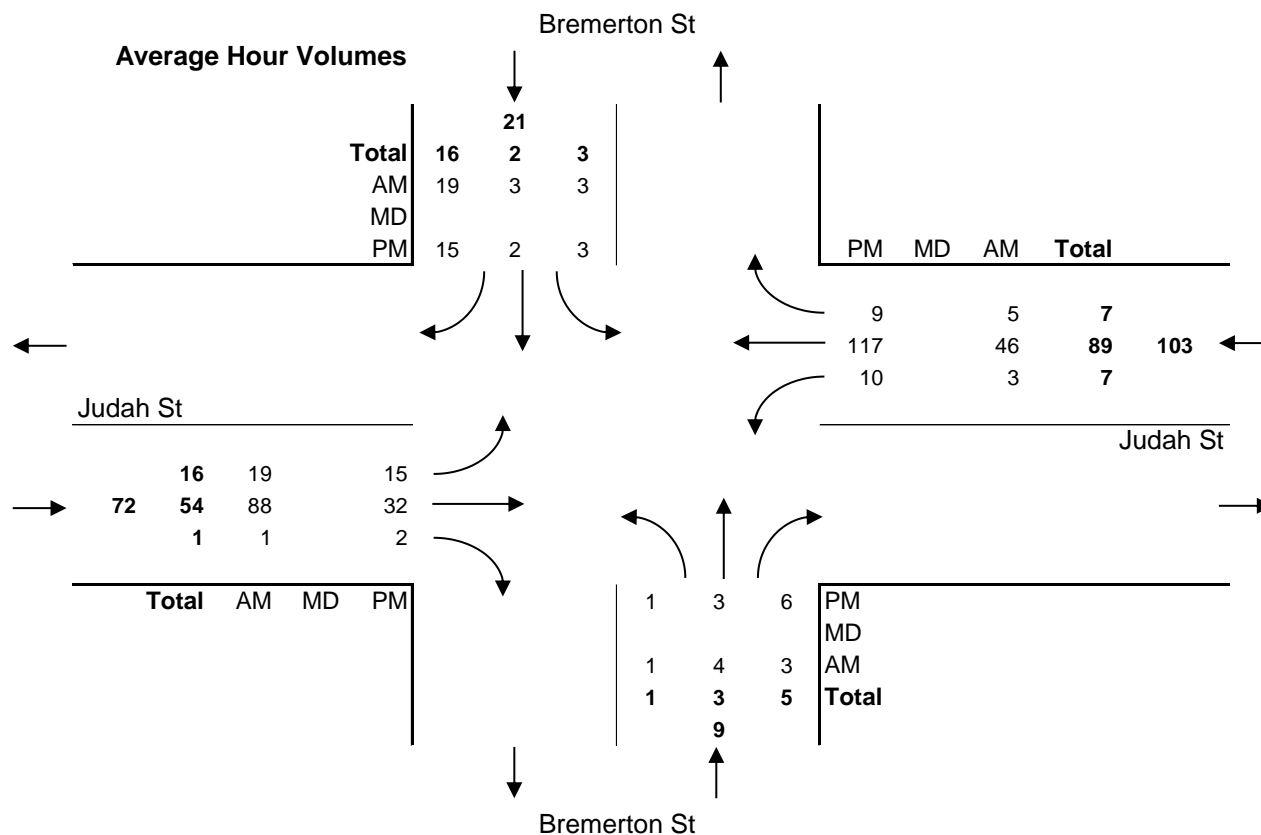
Hours

	Bremerton St				Bremerton St				Judah St				Judah 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

	Bremerton St				Bremerton St				Judah St				Judah 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	9	5	45	59	4	9	19	32	45	96	6	147	31	352	27	410	648	3	34	61	8
Avg Hr	3	2	15	20	1	3	6	11	15	32	2	49	10	117	9	137	216	1	11	20	3



Major Route: Judah Street
Minor Route: Bremerton Street
Municipality: Saanich
Filename: Judah St @ Bremerton St-Mar 3, 2020.xlsx
Location #: TIN001205
Count ID: 202011
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Judah Street
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			
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	Bremerton St				Bremerton St				Judah St				Judah St				Total Volume		Day	N	S	W	E
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour					
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total							
7:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	*	0	0	0	0	
7:45	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	*	0	0	0	0	
8:00	0	4	0	4	1	1	1	3	1	2	1	4	0	0	0	0	11	+	0	0	0	0	
8:15	0	0	0	0	0	0	0	0	0	3	2	5	0	0	0	0	5	21*	0	0	0	0	
8:30	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	21	0	0	0	0	
8:45	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2	20	0	0	0	0	
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	
n/a																							
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Total	2	6	0	8	1	6	1	8	1	5	4	10	0	0	0	0	26		0	0	0	0	

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Total																						

15:30	0	2	1	3	1	1	0	2	0	0	0	0	0	1	0	1	6	+	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
16:00	0	1	0	1	0	0	0	0	0	0	0	0	0	3	0	3	4	*	0	0	0	0
16:15	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4	14*	0	0	0	0
16:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0
16:45	0	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	2	11	0	0	0	0
17:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	8	0	0	0	0
17:15	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6	0	0	0	0
17:30	0	0	0	0	1	1	0	2	0	1	0	1	0	0	0	0	3	8	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
18:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
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Total	0	8	2	10	3	4	0	7	0	2	1	3	0	4	0	4	24		0	0	0	0

Time Period Begins	Bremerton St NORTH Approach				Bremerton St SOUTH Approach				Judah St WEST Approach				Judah St EAST Approach				Total Volume		15-min	Hour	kph	Conflict			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	N	S				W	E	15 min	Hr
7:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	*	0	0	0	0	2		
7:45	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	*	0	0	0	0	3		
8:00	0	4	0	4	1	1	1	3	1	2	1	4	0	0	0	0	11	+	0	0	0	0	8		
8:15	0	0	0	0	0	0	0	0	0	3	2	5	0	0	0	0	5	*	0	0	0	0	5		
8:30	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	2		
8:45	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2	*	0	0	0	0	2		
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		0	0	0	0	9		
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1		
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Total	2	6	0	8	1	6	1	8	1	5	4	10	0	0	0	0	26						
Avg Hr	1	3	0	4	1	3	1	4	1	3	2	5	0	0	0	0	13						

	0	0	0	0		
	0	0	0	0		18

Peak hour of the intersection

Pk Hr	0	4	0	4	1	6	1	8	1	5	3	9	0	0	0	0	21*						15
15x4	0	16	0	16	4	12	4	12	4	12	8	20	0	0	0	0	44*						40
PHF	n/a	0.25	n/a	0.25	0.25	0.50	0.25	0.67	0.25	0.42	0.38	0.45	n/a	n/a	n/a	n/a	0.48						0.38

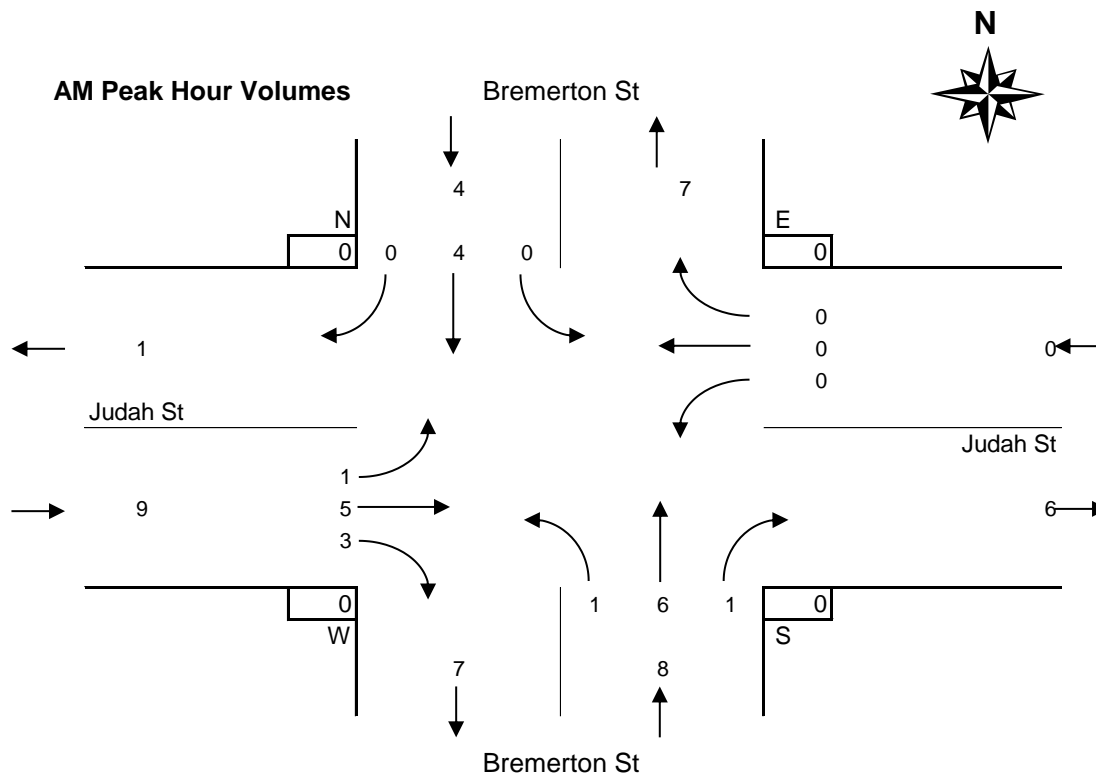
	0	0	0	0		
	0	0	0	0		15
	n/a	n/a	n/a	n/a		40
	n/a	n/a	n/a	n/a		0.38

Peak hour of conflicting volumes for the intersection

Pk Hr	0	4	0	4	1	6	1	8	1	5	3	9	0	0	0	0	21*						15
15x4	0	16	0	16	4	12	4	12	4	12	8	20	0	0	0	0	44*						40
PHF	n/a	0.25	n/a	0.25	0.25	0.50	0.25	0.67	0.25	0.42	0.38	0.45	n/a	n/a	n/a	n/a	0.48						0.38

	0	0	0	0		
	0	0	0	0		15
	n/a	n/a	n/a	n/a		40
	n/a	n/a	n/a	n/a		0.38

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



Time Period Begins	Bremerton St				Bremerton St				Judah St				Judah St				Total Volume		Roadway	Conflict										
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	15 min	Hr					
n/a																														
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Total																														
Avg Hr																														

Peak hour of the intersection

Pk Hr																														
15x4																														
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Peak hour of conflicting volumes for the intersection

Pk Hr																														
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PHF																														

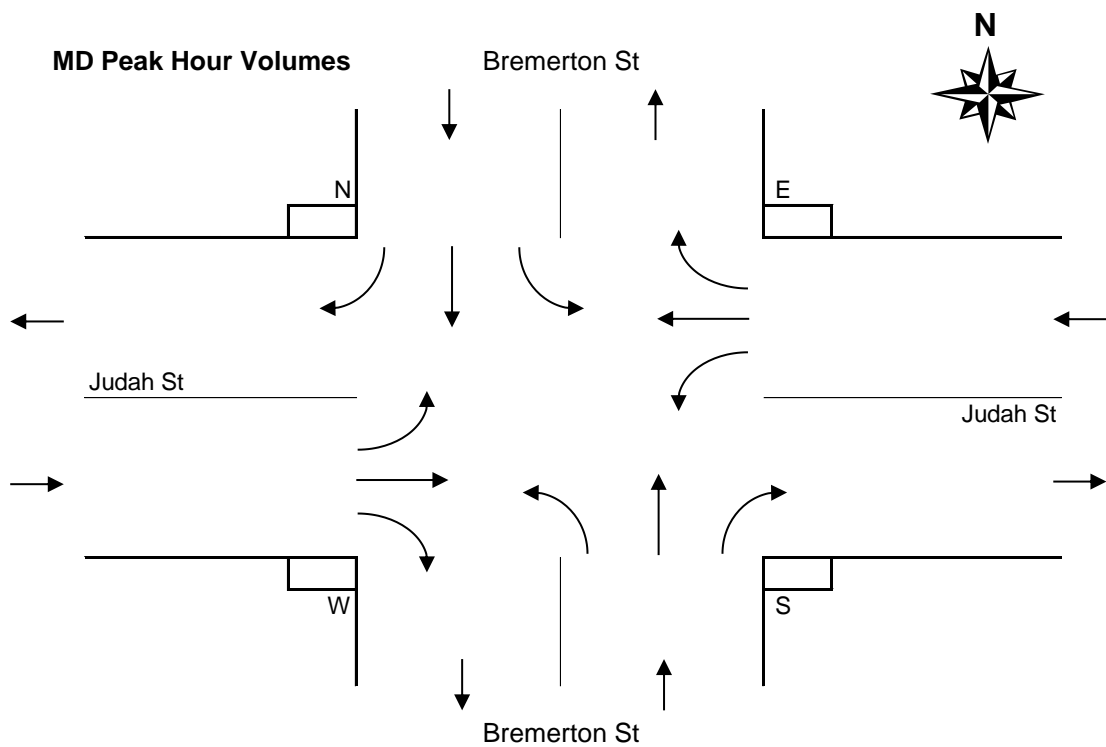


Table with columns: Time Period Begins, Bremerton St NORTH Approach, Bremerton St SOUTH Approach, Judah St WEST Approach, Judah St EAST Approach, Total Volume (15-min, Hour), and Conflict (15 min, Hr). Rows list time intervals from 15:30 to 18:15 and several 'n/a' entries.

Summary row for all time periods: Total (0, 8, 2, 10, 3, 4, 0, 7, 0, 2, 1, 3, 0, 4, 0, 4, 24) and Conflict (0, 0, 0, 0, 17). Avg Hr (0, 3, 1, 3, 1, 1, 0, 2, 0, 1, 0, 1, 0, 1, 0, 1, 8) and Conflict (0, 0, 0, 0).

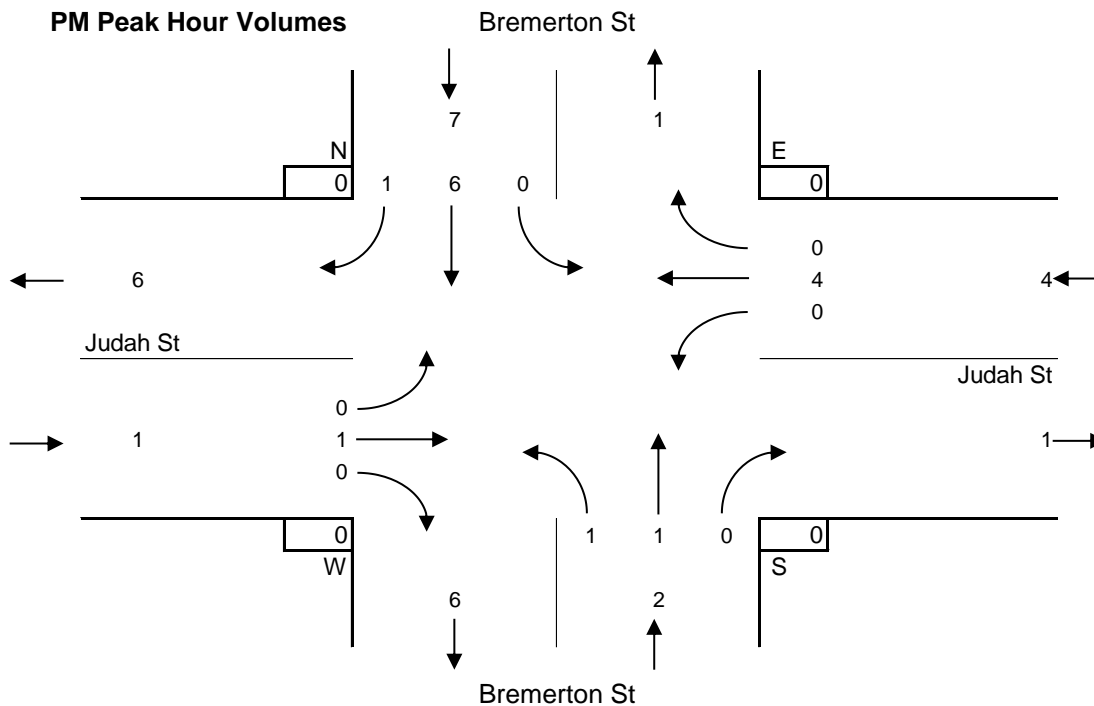
Peak hour of the intersection

Table with columns: Pk Hr, PHF, and Conflict. Values include 0, 6, 1, 7, 1, 1, 0, 2, 0, 1, 0, 1, 0, 4, 0, 4, 14, 0, 12, 4, 12, 4, 4, 0, 8, 0, 4, 0, 4, 0, 12, 0, 12, 24, n/a, 0.50, 0.25, 0.58, 0.25, 0.25, n/a, 0.25, n/a, 0.25, n/a, 0.25, n/a, 0.33, n/a, 0.33, 0.58, 12, 32, 0.38.

Peak hour of conflicting volumes for the intersection

Table with columns: Pk Hr, PHF, and Conflict. Values include 0, 6, 1, 7, 1, 1, 0, 2, 0, 1, 0, 1, 0, 4, 0, 4, 14, 0, 12, 4, 12, 4, 4, 0, 8, 0, 4, 0, 4, 0, 12, 0, 12, 24, n/a, 0.50, 0.25, 0.58, 0.25, 0.25, n/a, 0.25, n/a, 0.25, n/a, 0.25, n/a, 0.33, n/a, 0.33, 0.58, 12, 32, 0.38.

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



Entire Survey Period

5 Hours

	Bremerton St				Bremerton St				Judah St				Judah St				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	2	14	2	18	4	10	1	15	1	7	5	13	0	4	0	4	50	0	0	0	0
Avg Hr	0	3	0	4	1	2	0	3	0	1	1	3	0	1	0	1	10	0	0	0	0

AM Peak Period

2 Hours

	Bremerton St				Bremerton St				Judah St				Judah St				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	2	6	0	8	1	6	1	8	1	5	4	10	0	0	0	0	26	0	0	0	0
Avg Hr	1	3	0	4	1	3	1	4	1	3	2	5	0	0	0	0	13	0	0	0	0

MD Peak Period

Hours

	Bremerton St				Bremerton St				Judah St				Judah St				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

	Bremerton St				Bremerton St				Judah St				Judah St				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	8	2	10	3	4	0	7	0	2	1	3	0	4	0	4	24	0	0	0	0
Avg Hr	0	3	1	3	1	1	0	2	0	1	0	1	0	1	0	1	8	0	0	0	0

