

Major Route: 3rd Avenue
 Minor Route: Mar Street
 Municipality: Port Alberni
 Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
 Location #: 3

Date: September 28, 2017
 Day-of-week: Thursday

East/West Route: 3rd Avenue
 Intersection Type: 4-leg
 Signalized?: No
 Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Regular Vehicles**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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

Regular Vehicles

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak	Crosswalks			
	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
7:00	0	8	1	9	0	14	0	14	0	0	0	0	1	0	1	2	25			0	0	0	1
7:15	1	11	0	12	0	10	0	10	0	1	0	1	0	0	0	0	23			0	1	0	0
7:30	0	9	0	9	0	18	1	19	2	0	1	3	0	0	2	2	33			0	1	0	2
7:45	0	9	0	9	0	24	0	24	0	0	0	0	0	1	1	2	35	116		3	0	0	0
8:00	2	14	1	17	0	21	2	23	1	0	0	1	0	0	3	3	44	135		0	0	0	2
8:15	2	9	1	12	3	23	2	28	2	0	0	2	0	0	3	3	45	157		0	0	1	0
8:30	2	18	2	22	1	21	3	25	2	0	1	3	0	0	4	4	54	178		0	0	1	2
8:45	3	27	2	32	3	24	0	27	2	0	1	3	0	0	1	1	63	206		1	2	1	1
9:00	1	15	0	16	0	24	2	26	1	2	0	3	2	0	4	6	51	213		0	0	1	0
9:15	5	14	2	21	0	28	1	29	3	0	0	3	1	1	3	5	58	226		0	1	1	3
9:30	0	17	2	19	0	23	0	23	3	0	1	4	0	0	4	4	50	222		0	0	1	1
9:45	8	16	3	27	1	30	1	32	2	0	2	4	0	1	9	10	73	232		0	1	2	2
10:00	5	22	2	29	3	30	1	34	1	0	0	1	0	2	19	21	85	266		1	0	0	1
10:15	6	21	1	28	0	29	0	29	1	0	0	1	1	1	8	10	68	276		1	0	1	1
10:30	3	18	0	21	2	31	3	36	1	0	0	1	0	0	9	9	67	293		1	0	1	1
10:45	4	21	4	29	1	29	0	30	4	2	1	7	1	1	11	13	79	299		0	0	0	0
11:00	4	18	2	24	1	34	0	35	1	1	1	3	2	0	12	14	76	290	*	0	0	2	1
11:15	4	17	5	26	1	31	0	32	3	0	2	5	0	0	6	6	69	291	*	1	0	1	0
11:30	1	20	3	24	1	34	0	35	2	1	1	4	1	0	13	14	77	301	*	0	1	1	0
11:45	4	29	1	34	5	30	3	38	4	3	0	7	2	2	5	9	88	310	+	0	0	1	0
Total	55	333	32	420	22	508	19	549	35	10	11	56	11	9	118	138	1163			8	7	15	18

12:00	7	29	5	41	3	28	3	34	4	2	4	10	0	2	11	13	98			0	2	4	3
12:15	4	23	7	34	0	21	3	24	4	0	1	5	0	2	10	12	75			0	0	0	3
12:30	4	21	3	28	4	30	1	35	0	2	1	3	0	3	12	15	81			1	0	0	1
12:45	10	20	2	32	0	31	3	34	2	2	1	5	0	0	8	8	79	333	*	1	1	1	2
13:00	7	25	5	37	0	29	1	30	1	0	2	3	0	1	6	7	77	312	*	2	0	0	5
13:15	6	23	8	37	2	27	1	30	1	3	2	6	0	2	14	16	89	326	*	2	0	0	3
13:30	4	30	3	37	0	38	3	41	2	3	1	6	2	2	8	12	96	341	+	0	0	0	0
13:45	3	17	2	22	0	29	2	31	1	0	1	2	0	0	13	13	68	330		1	0	1	4
14:00	2	21	3	26	2	32	0	34	4	0	1	5	0	1	9	10	75	328		1	1	0	5
14:15	8	27	2	37	1	38	1	40	3	0	1	4	1	2	7	10	91	330		1	0	2	2
14:30	4	21	4	29	0	34	1	35	0	1	1	2	0	0	9	9	75	309		3	0	2	0
14:45	3	33	2	38	1	33	1	35	3	1	2	6	2	1	10	13	92	333		0	0	1	5
n/a																							
n/a																							
n/a																							
n/a																							
Total	62	290	46	398	13	370	20	403	25	14	18	57	5	16	117	138	996			12	4	11	33

[illegible]

AM Peak Period
Regular Vehicles

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak Day	Crosswalks				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	Hr
7:00	0	8	1	9	0	14	0	14	0	0	0	0	1	0	1	2	25			0	0	0	1	15	
7:15	1	11	0	12	0	10	0	10	0	1	0	1	0	0	0	0	23			0	1	0	0	12	
7:30	0	9	0	9	0	18	1	19	2	0	1	3	0	0	2	2	33			0	1	0	2	23	
7:45	0	9	0	9	0	24	0	24	0	0	0	0	0	1	1	2	35	116		3	0	0	0	26	76
8:00	2	14	1	17	0	21	2	23	1	0	0	1	0	0	3	3	44	135		0	0	0	2	29	90
8:15	2	9	1	12	3	23	2	28	2	0	0	2	0	0	3	3	45	157		0	0	1	0	32	110
8:30	2	18	2	22	1	21	3	25	2	0	1	3	0	0	4	4	54	178		0	0	1	2	32	119
8:45	3	27	2	32	3	24	0	27	2	0	1	3	0	0	1	1	63	206		1	2	1	1	35	128
9:00	1	15	0	16	0	24	2	26	1	2	0	3	2	0	4	6	51	213		0	0	1	0	32	131
9:15	5	14	2	21	0	28	1	29	3	0	0	3	1	1	3	5	58	226		0	1	1	3	41	140
9:30	0	17	2	19	0	23	0	23	3	0	1	4	0	0	4	4	50	222		0	0	1	1	30	138
9:45	8	16	3	27	1	30	1	32	2	0	2	4	0	1	9	10	73	232		0	1	2	2	51	154
10:00	5	22	2	29	3	30	1	34	1	0	0	1	0	2	19	21	85	266		1	0	0	1	58	180
10:15	6	21	1	28	0	29	0	29	1	0	0	1	1	1	8	10	68	276		1	0	1	1	45	184
10:30	3	18	0	21	2	31	3	36	1	0	0	1	0	0	9	9	67	293		1	0	1	1	47	201
10:45	4	21	4	29	1	29	0	30	4	2	1	7	1	1	11	13	79	299		0	0	0	0	49	199
11:00	4	18	2	24	1	34	0	35	1	1	1	3	2	0	12	14	76	290	*	0	0	2	1	51	192
11:15	4	17	5	26	1	31	0	32	3	0	2	5	0	0	6	6	69	291	*	1	0	1	0	44	191
11:30	1	20	3	24	1	34	0	35	2	1	1	4	1	0	13	14	77	301	*	0	1	1	0	50	194
11:45	4	29	1	34	5	30	3	38	4	3	0	7	2	2	5	9	88	310	+	0	0	1	0	48	193

Total	55	333	32	420	22	508	19	549	35	10	11	56	11	9	118	138	1163								
Avg Hr	11	67	6	84	4	102	4	110	7	2	2	11	2	2	24	28	233								

8	7	15	18	
2	1	3	4	

744

Peak hour of the intersection

Pk Hr	13	84	11	108	8	129	3	140	10	5	4	19	5	2	36	43	310	*
15x4	16	116	20	136	20	136	12	152	16	12	8	28	8	8	52	56	352	+
PHF	0.81	0.72	0.55	0.79	0.40	0.95	0.25	0.92	0.63	0.42	0.50	0.68	0.63	0.25	0.69	0.77	0.88	

1	1	5	1	
4	4	8	4	
0.25	0.25	0.63	0.25	

193
240
0.80

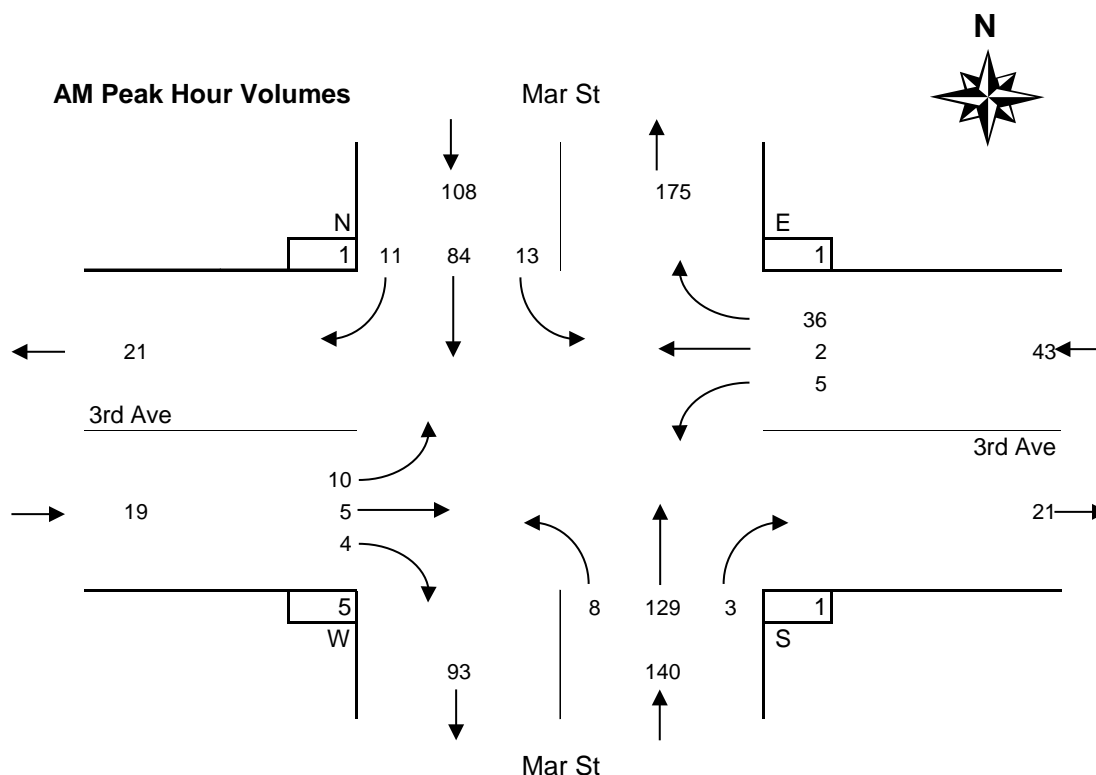
Peak hour of conflicting volumes for the intersection

Pk Hr	22	77	6	105	6	120	5	131	5	0	2	7	1	4	45	50	293	*
15x4	32	88	12	116	12	124	12	144	8	0	8	16	4	8	76	84	340	+
PHF	0.69	0.88	0.50	0.91	0.50	0.97	0.42	0.91	0.63	n/a	0.25	0.44	0.25	0.50	0.59	0.60	0.86	

3	1	4	5	
4	4	8	8	
0.75	0.25	0.50	0.63	

201
260
0.77

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



MD Peak Period
Regular Vehicles

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St NORTH Approach				Mar St SOUTH Approach				3rd Ave WEST Approach				3rd Ave EAST Approach				Total Volume		Abog PL	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
12:00	7	29	5	41	3	28	3	34	4	2	4	10	0	2	11	13	98			0	2	4	3	55	
12:15	4	23	7	34	0	21	3	24	4	0	1	5	0	2	10	12	75			0	0	0	3	46	
12:30	4	21	3	28	4	30	1	35	0	2	1	3	0	3	12	15	81			1	0	0	1	50	
12:45	10	20	2	32	0	31	3	34	2	2	1	5	0	0	8	8	79	333*		1	1	1	2	54	205
13:00	7	25	5	37	0	29	1	30	1	0	2	3	0	1	6	7	77	312*		2	0	0	5	45	195
13:15	6	23	8	37	2	27	1	30	1	3	2	6	0	2	14	16	89	326*		2	0	0	3	51	200
13:30	4	30	3	37	0	38	3	41	2	3	1	6	2	2	8	12	96	341+		0	0	0	0	57	207
13:45	3	17	2	22	0	29	2	31	1	0	1	2	0	0	13	13	68	330		1	0	1	4	48	201
14:00	2	21	3	26	2	32	0	34	4	0	1	5	0	1	9	10	75	328		1	1	0	5	48	204
14:15	8	27	2	37	1	38	1	40	3	0	1	4	1	2	7	10	91	330		1	0	2	2	59	212
14:30	4	21	4	29	0	34	1	35	0	1	1	2	0	0	9	9	75	309		3	0	2	0	48	203
14:45	3	33	2	38	1	33	1	35	3	1	2	6	2	1	10	13	92	333		0	0	1	5	51	206
n/a																									
n/a																									
n/a																									
n/a																									

Total	62	290	46	398	13	370	20	403	25	14	18	57	5	16	117	138	996								
Avg Hr	21	97	15	133	4	123	7	134	8	5	6	19	2	5	39	46	332								

12	4	11	33
4	1	4	11

610

Peak hour of the intersection

Pk Hr	27	98	18	143	2	125	8	135	6	8	6	20	2	5	36	43	341*								
15x4	40	120	32	148	8	152	12	164	8	12	8	24	8	8	56	64	384*								
PHF	0.68	0.82	0.56	0.97	0.25	0.82	0.67	0.82	0.75	0.67	0.75	0.83	0.25	0.63	0.64	0.67	0.89								

5	1	1	10
8	4	4	20
0.63	0.25	0.25	0.50

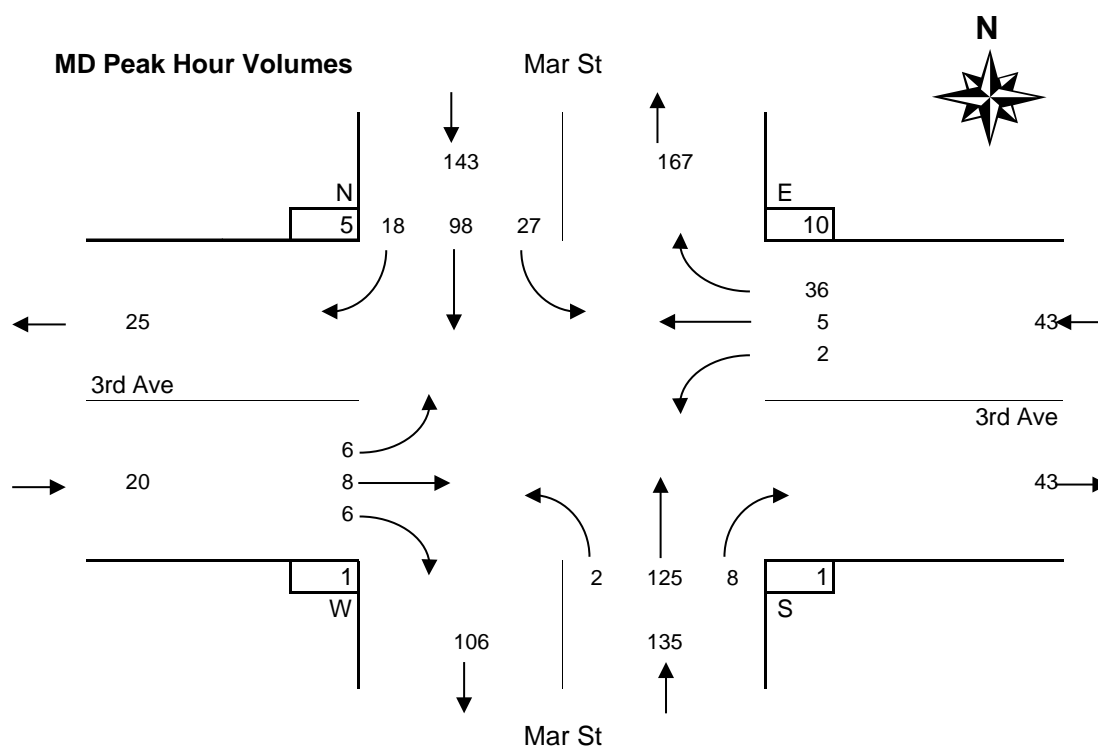
207
276
0.75

Peak hour of conflicting volumes for the intersection

Pk Hr	17	95	10	122	3	137	6	146	10	3	4	17	3	5	37	45	330*								
15x4	32	120	12	148	8	152	12	164	16	12	4	24	8	8	52	52	384*								
PHF	0.53	0.79	0.83	0.82	0.38	0.90	0.50	0.89	0.63	0.25	1.00	0.71	0.38	0.63	0.71	0.87	0.86								

3	1	3	11
4	4	8	20
0.75	0.25	0.38	0.55

212
272
0.78



PM Peak Period Regular Vehicles

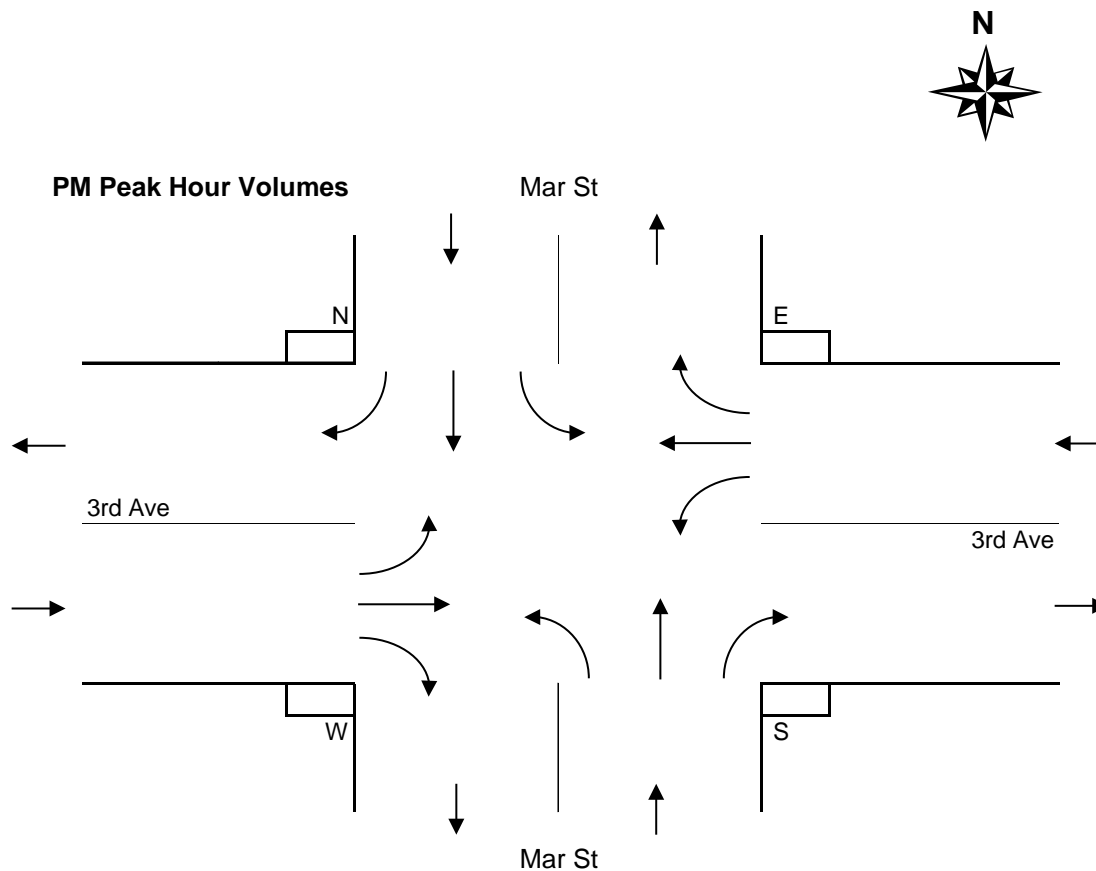
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Period Hourly Averages
Regular Vehicles

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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	117	623	78	818	35	878	39	952	60	24	29	113	16	25	235	276	2159	20	11	26	51
Avg Hr	15	78	10	102	4	110	5	119	8	3	4	14	2	3	29	35	270	3	1	3	6

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	55	333	32	420	22	508	19	549	35	10	11	56	11	9	118	138	1163	8	7	15	18
Avg Hr	11	67	6	84	4	102	4	110	7	2	2	11	2	2	24	28	233	2	1	3	4

MD Peak Period

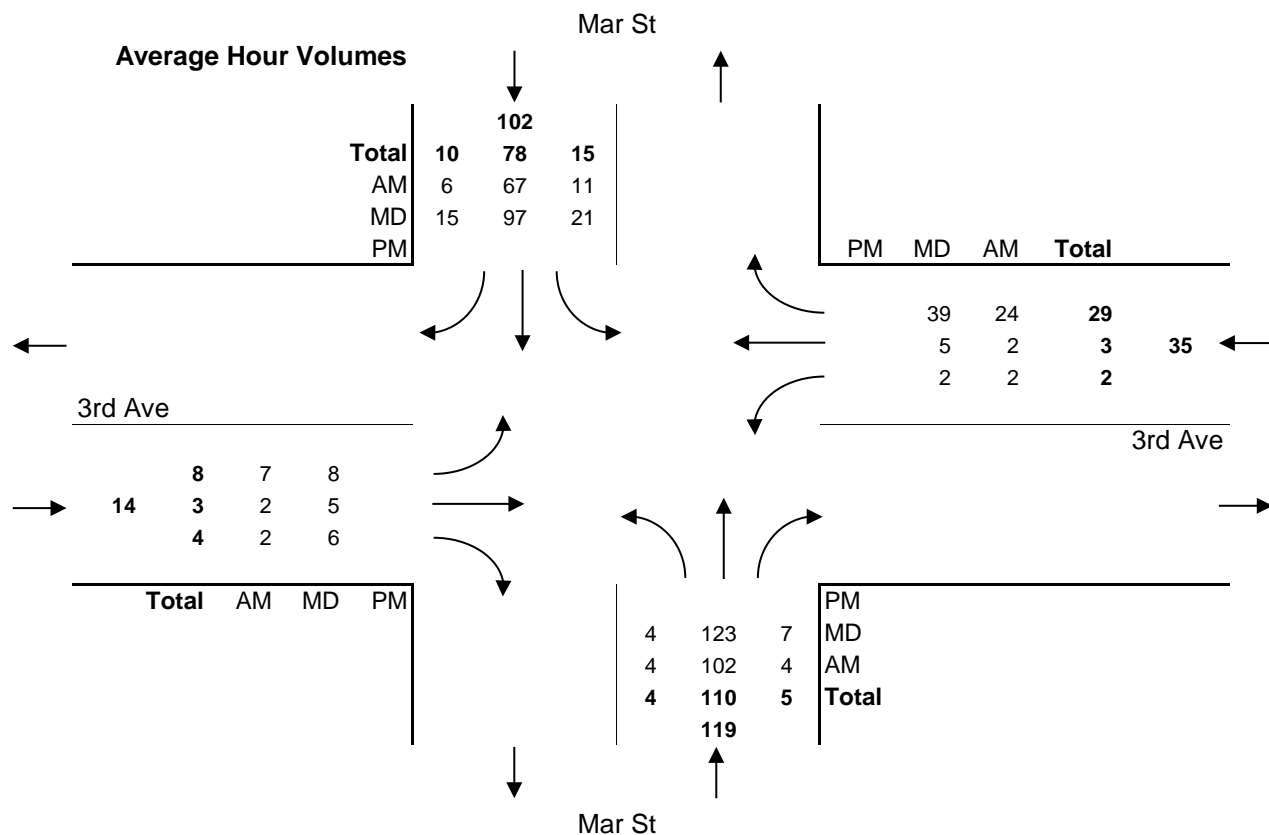
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	62	290	46	398	13	370	20	403	25	14	18	57	5	16	117	138	996	12	4	11	33
Avg Hr	21	97	15	133	4	123	7	134	8	5	6	19	2	5	39	46	332	4	1	4	11

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Buses**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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:

Buses

Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak				
	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							
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
7:15	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	2		0	0	0	0
7:30	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
8:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
8:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
8:45	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	2	5	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
9:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0
9:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 *	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 *	0	0	0	0
11:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	3 *	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2 +	0	0	0	0
Total	0	1	1	2	0	10	0	10	0	0	1	1	1	0	0	0	1	14		0	0	0	0

12:00	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
12:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	0
13:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3	*	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	0
13:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	4	+	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	0
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	0
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	1	0	1	0	6	0	6	0	0	0	0	0	0	0	0	7			0	0	0	0	0	0

[illegible]

AM Peak Period
Buses

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach											15 min	Hr
	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
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	2		0	0	0	0	2	
7:30	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
8:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4		0	0	0	0	1	4
8:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	4		0	0	0	0	1	3
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
8:45	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	5		0	0	0	0	2	4
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
9:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3		0	0	0	0	1	3
9:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4		0	0	0	0	1	4
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	3		0	0	0	0	1	3
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2		0	0	0	0	1	2
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
11:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	3*		0	0	0	0	2	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2+		0	0	0	0	0	2

Total	0	1	1	2	0	10	0	10	0	0	1	1	1	0	0	1	14								
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	3								

0	0	0	0		12
0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2*								
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8+								
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25								

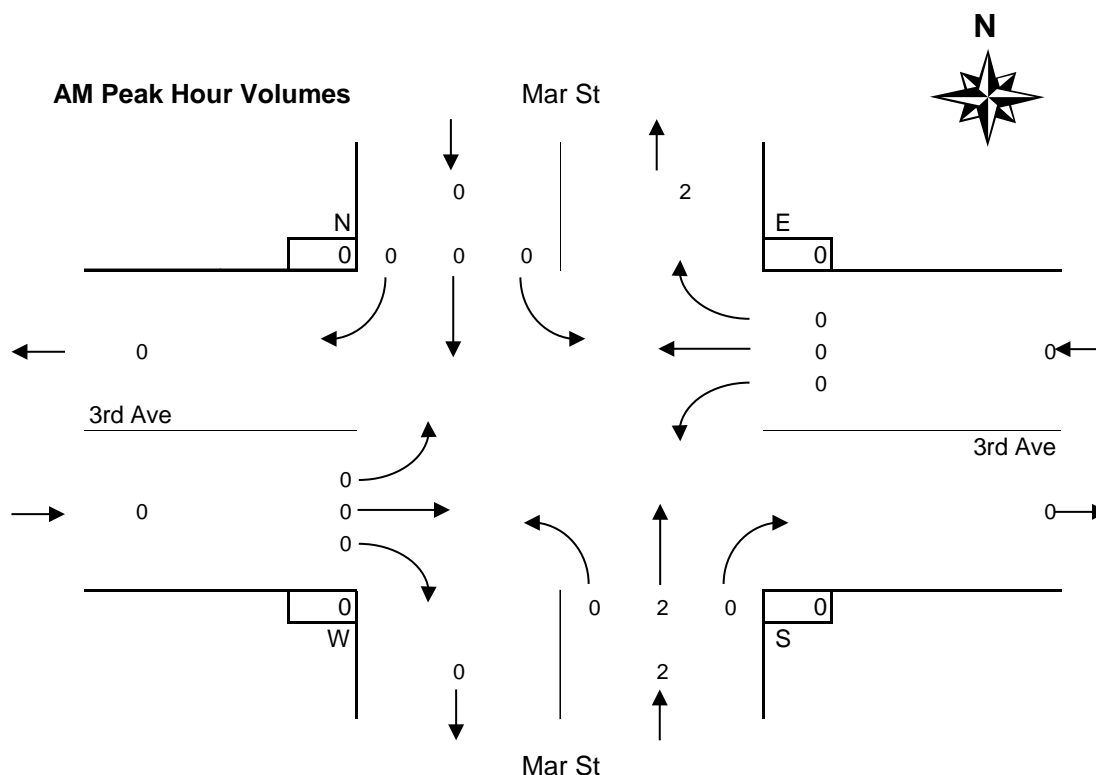
0	0	0	0		2
0	0	0	0		8
n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1*								
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4+								
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25								

0	0	0	0		1
0	0	0	0		4
n/a	n/a	n/a	n/a		0.25

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



MD Peak Period
Buses

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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							
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
13:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3*		0	0	0	0	1	2
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*		0	0	0	0	0	1
13:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	4+		0	0	0	0	2	3
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	1	0	1	0	6	0	6	0	0	0	0	0	0	0	0	7
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2

0	0	0	0	6
0	0	0	0	

Peak hour of the intersection

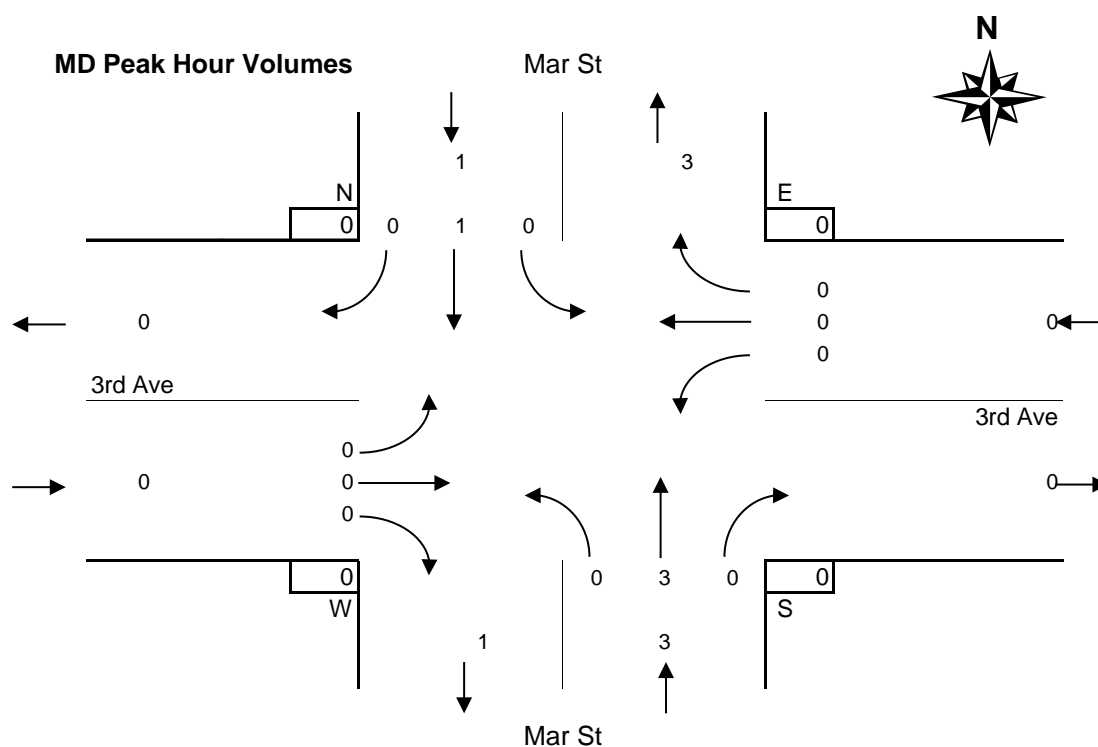
Pk Hr	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4*
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8+
PHF	n/a	0.25	n/a	0.25	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50

0	0	0	0	3
0	0	0	0	8
n/a	n/a	n/a	n/a	0.38

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3*
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8+
PHF	n/a	n/a	n/a	n/a	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38

0	0	0	0	3
0	0	0	0	8
n/a	n/a	n/a	n/a	0.38



Buses

Thursday, September 28, 2017

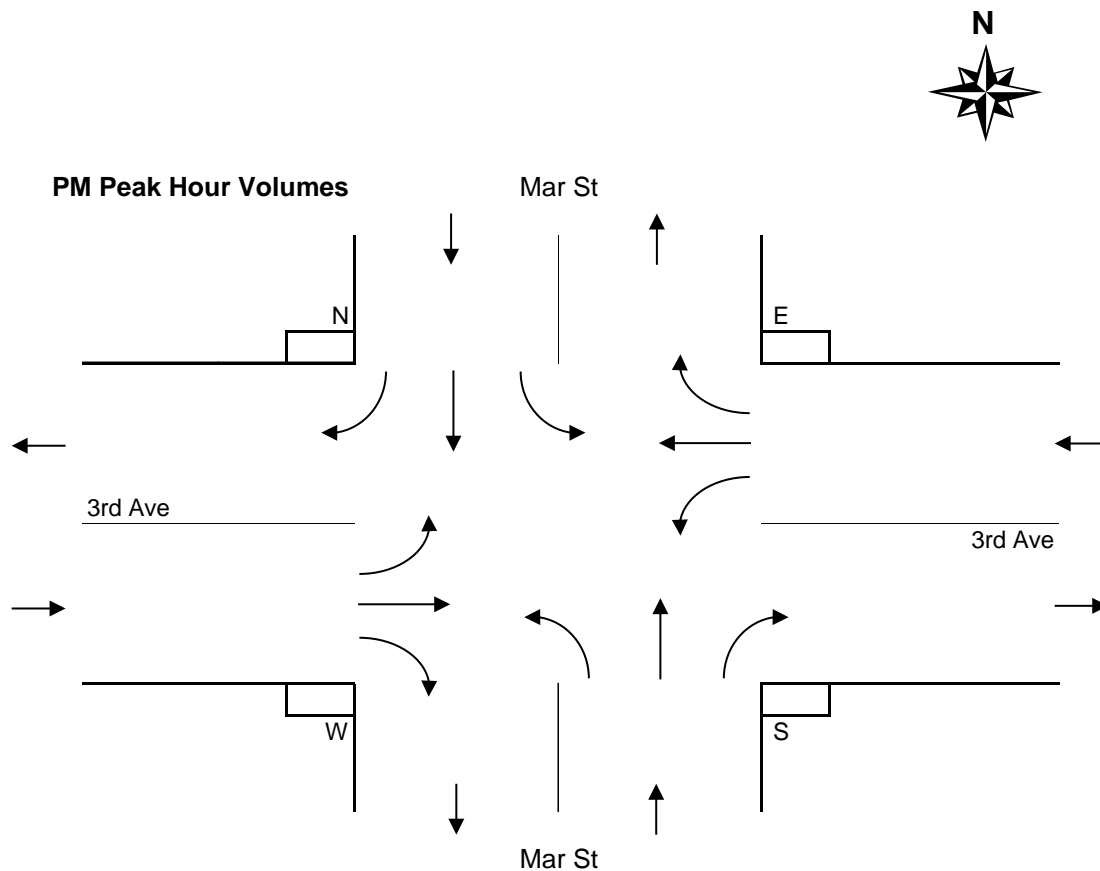
[illegible]

Total																					
Avg Hr																					

Peak hour of the intersection

Pk Hr																		*					0
15x4																		+					0
PHF																							n/a

Peak hour of conflicting volumes for the intersection

[illegible]

Buses

Thursday, September 28, 2017

8 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	0	2	1	3	0	16	0	16	0	0	1	1	1	0	0	1	21	0	0	0	0
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0

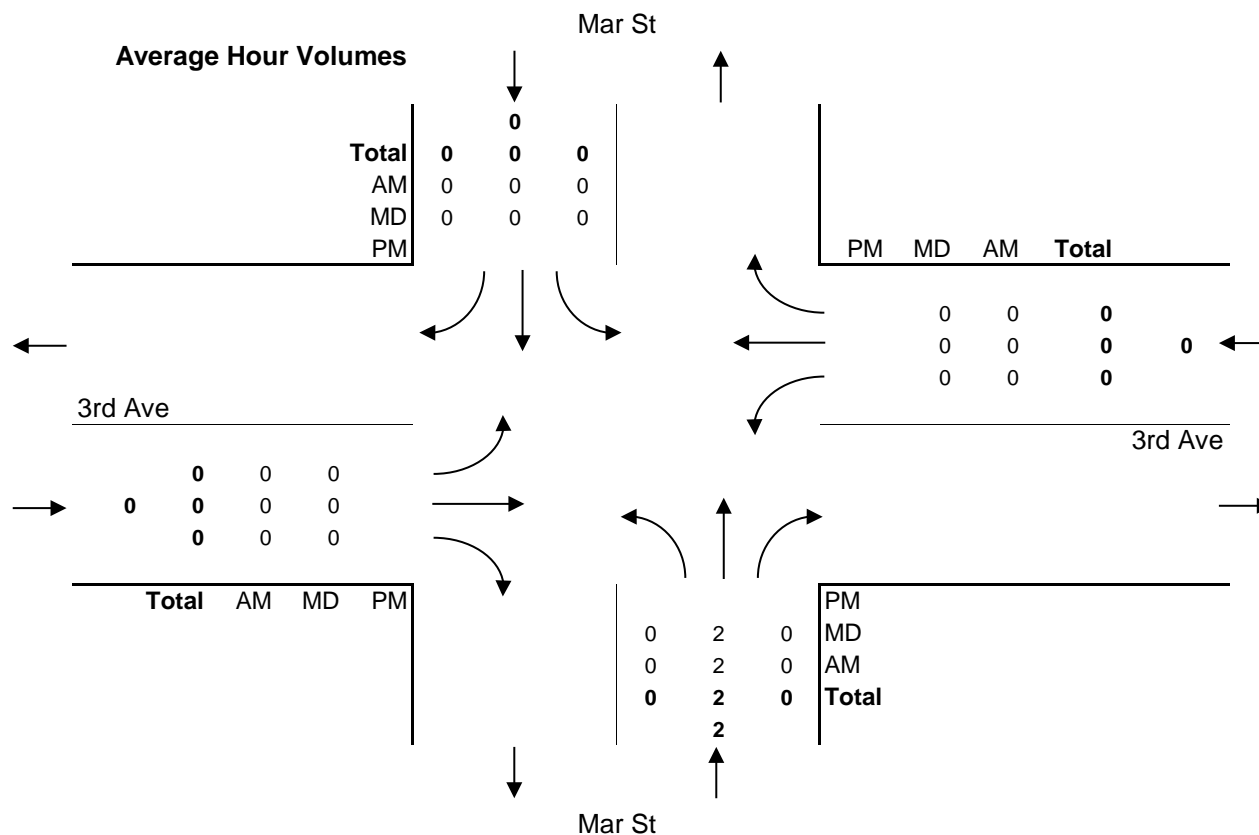
5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	1	1	2	0	10	0	10	0	0	1	1	1	0	0	1	14	0	0	0	0
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0

3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	0	1	0	1	0	6	0	6	0	0	0	0	0	0	0	0	7	0	0	0	0
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0

Hours

[illegible]

Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Articulated Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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

Articulated Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak				
	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
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
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
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0
9:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
9:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0
10:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0
10:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0
11:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4 *	0	0	0	0
11:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4 *	0	0	0	0
11:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4 *	0	0	0	0
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4 +	0	0	0	0
Total	0	9	0	9	0	7	0	7	0	0	0	0	0	0	0	0	0	16		0	0	0	0

12:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1		0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0
13:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	2	*	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	+	0	0	0
13:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	4		0	0	0
14:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0
14:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	8		0	0	0
14:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	8		0	0	0
n/a																						
n/a																						
n/a																						
n/a																						
Total	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13		0	0	0	0

[illegible]

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr	
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1			0	0	0	1
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	1
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2			0	0	0	2
8:45	0	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	2	3			0	0	0	1	
9:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	5			0	0	0	2	
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	
9:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5			0	0	0	1	
10:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	5			0	0	0	2	
10:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4			0	0	0	1	
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5			0	0	0	1	
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5			0	0	0	1	
11:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4*			0	0	0	1	
11:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4*			0	0	0	1	
11:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4*			0	0	0	1	
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4+			0	0	0	1	

Total	0	9	0	9	0	7	0	7	0	0	0	0	0	0	0	0	16									
Avg Hr	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3									

0	0	0	0		9
0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4*									
15x4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	4+									
PHF	n/a	0.25	n/a	0.25	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00									

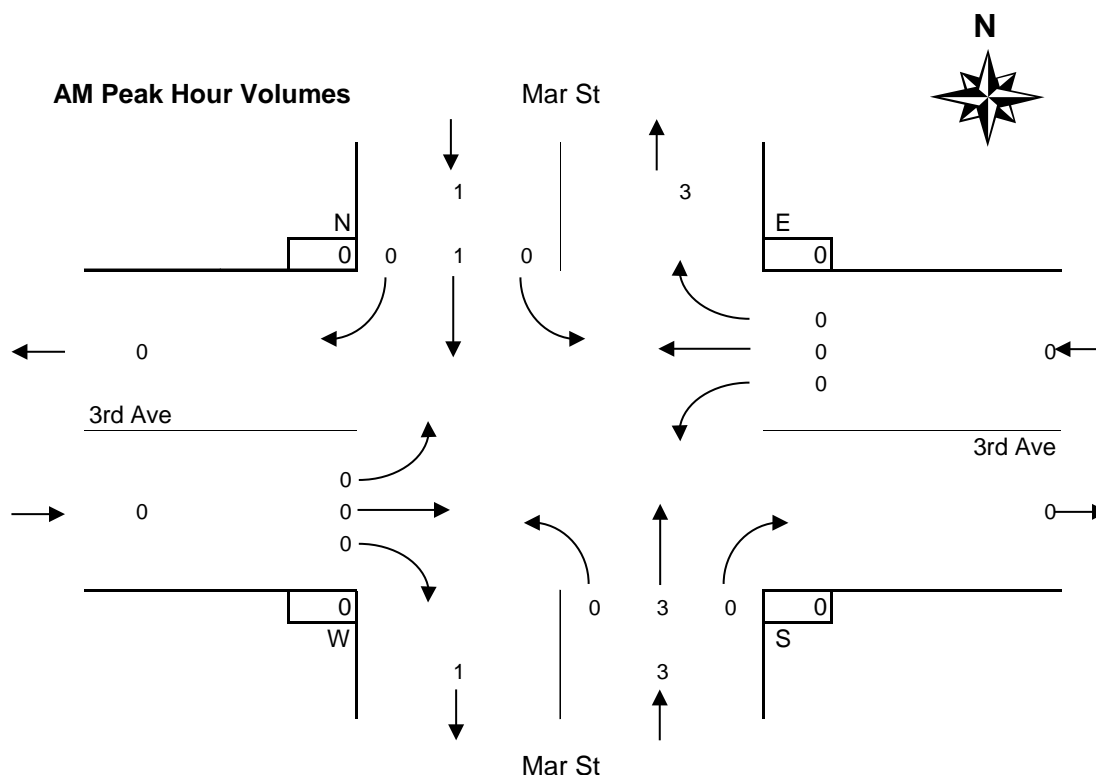
0	0	0	0		3
0	0	0	0		4
n/a	n/a	n/a	n/a		0.75

Peak hour of conflicting volumes for the intersection

Pk Hr	0	3	0	3	0	2	0	2	0	0	0	0	0	0	0	0	5*									
15x4	0	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	8+									
PHF	n/a	0.38	n/a	0.38	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63									

0	0	0	0		3
0	0	0	0		8
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	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
12:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*	0	0	0	0	0	1
13:00	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
13:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	2*	0	0	0	0	2	2	
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2+	0	0	0	0	0	2	
13:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	2	4	
14:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6	0	0	0	0	1	5	
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6	0	0	0	0	1	4	
14:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	8	0	0	0	0	2	6	
14:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	8	0	0	0	0	1	5	
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13								
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	4								

0	0	0	0		8
0	0	0	0		

Peak hour of the intersection

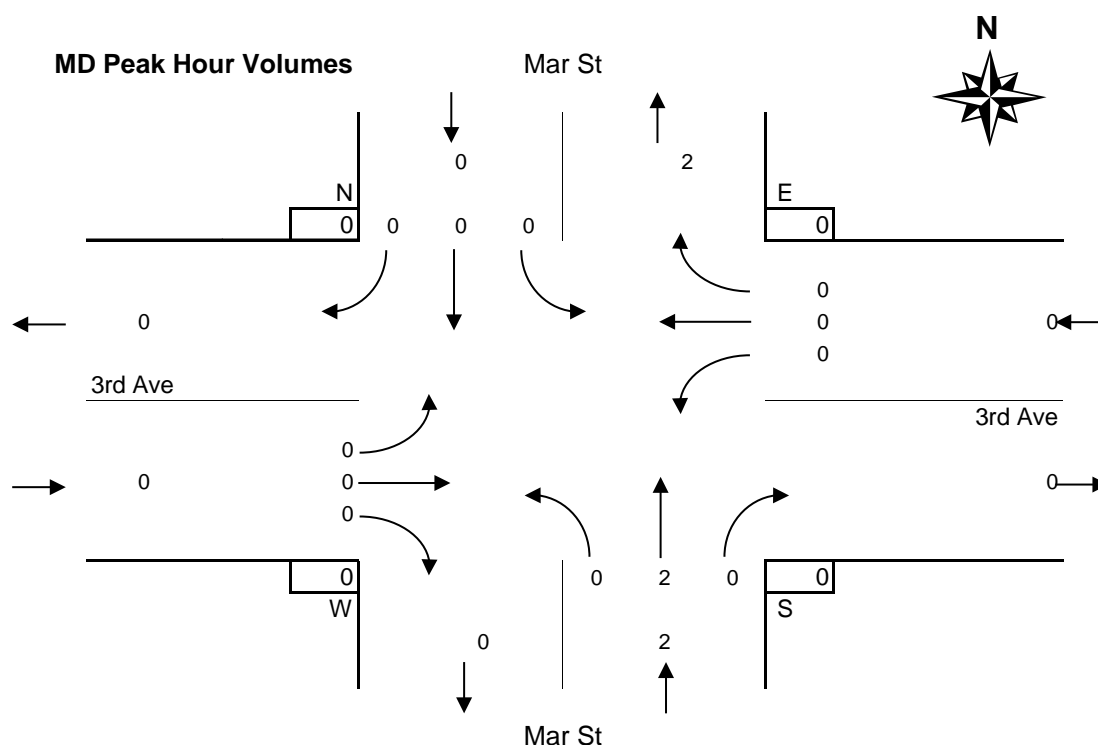
Pk Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2*								
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8+								
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25								

0	0	0	0		2
0	0	0	0		8
n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	6*								
15x4	0	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	8+								
PHF	n/a	0.50	n/a	0.50	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75								

0	0	0	0		4
0	0	0	0		8
n/a	n/a	n/a	n/a		0.50



PM Peak Period Articulated Trucks

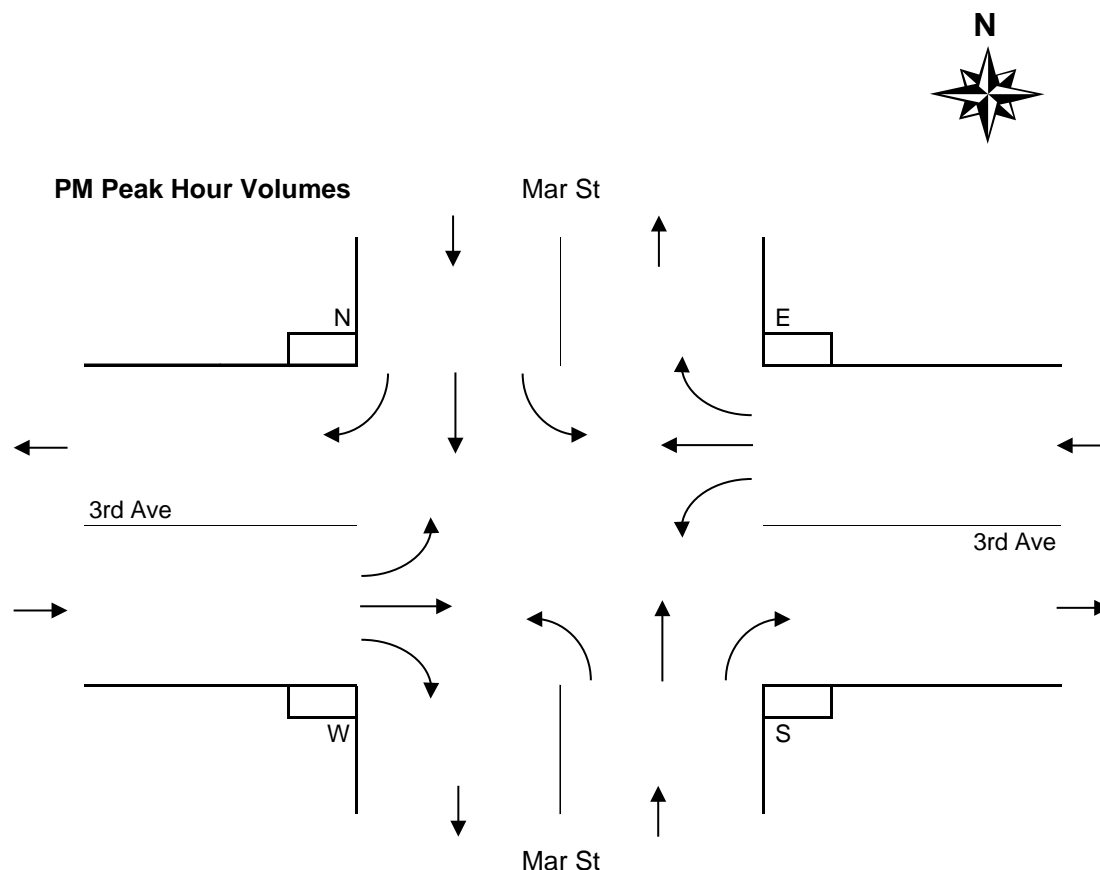
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Period Hourly Averages
Articulated Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29	0	0	0	0
Avg Hr	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	9	0	9	0	7	0	7	0	0	0	0	0	0	0	0	16	0	0	0	0
Avg Hr	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0

MD Peak Period

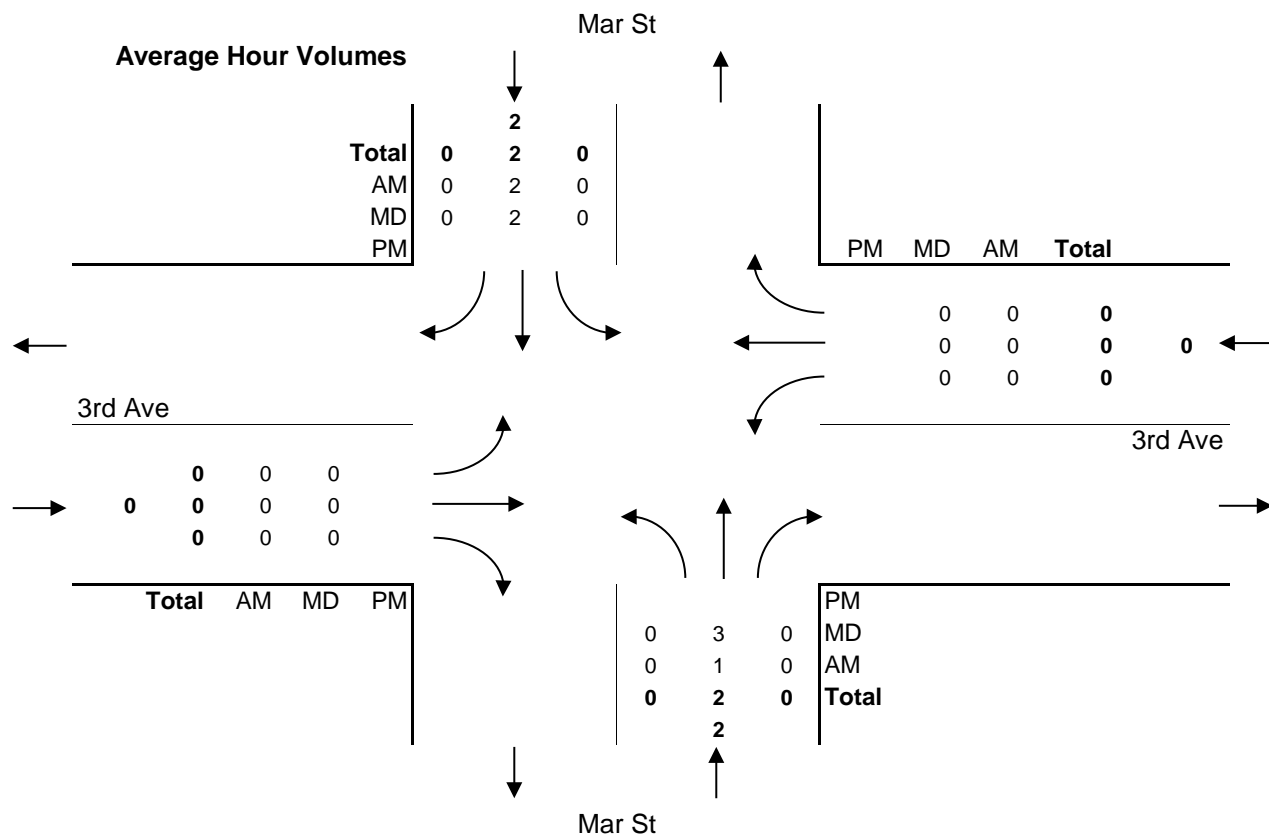
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13	0	0	0	0
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Cube Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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:

Cube Trucks

Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak				
	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							
7:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
7:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	2	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
10:45	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	2	4	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2 *	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3 *	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3 *	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1 +	0	0	0	0
Total	0	2	0	2	0	3	1	4	0	0	2	2	0	0	2	2	10			0	0	0	0

12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0
12:15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1			0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
14:00	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	2		0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
14:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	2	1	3	0	1	1	2	0	0	0	0	0	0	0	0	5			0	0	0	0

[illegible]

AM Peak Period
Cube Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
7:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
7:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	3
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
8:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
9:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	2	3	0	0	0	0	2	3
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
10:45	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	2	4	0	0	0	0	2	4
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	2
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3*	0	0	0	0	1	3
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3*	0	0	0	0	0	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1+	0	0	0	0	0	1

Total	0	2	0	2	0	3	1	4	0	0	2	2	0	0	2	2	10							
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2							

0	0	0	0		6
0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1*							
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4+							
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.25							

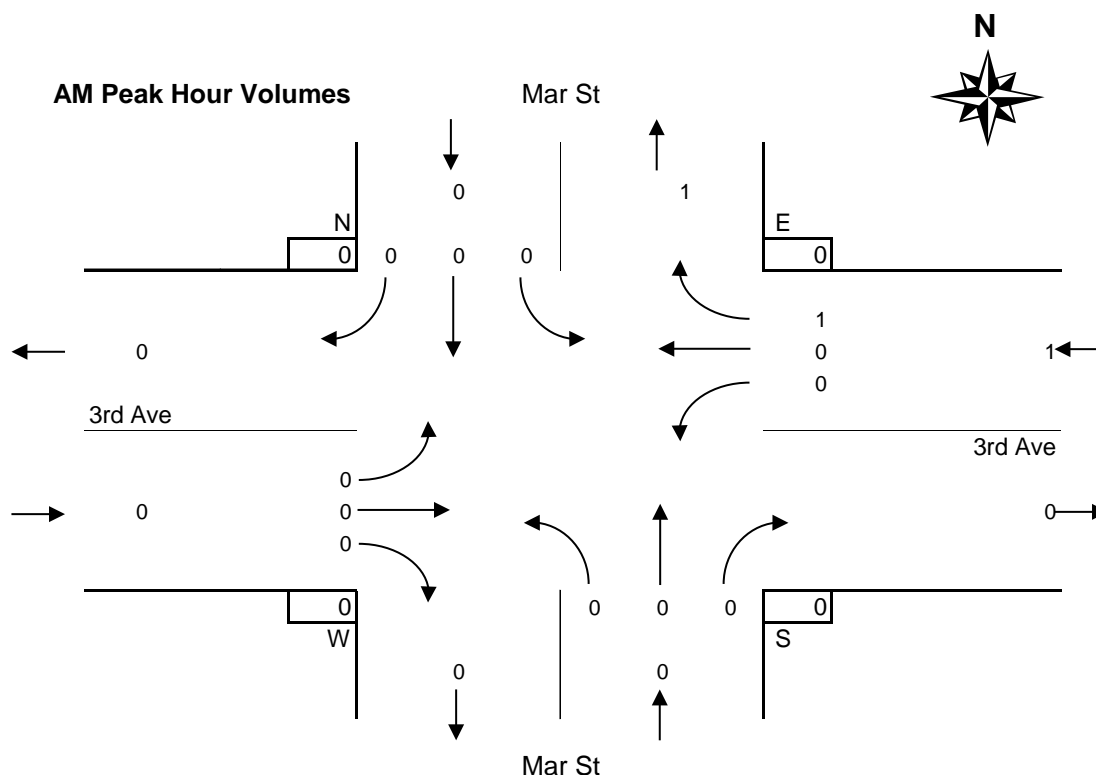
0	0	0	0		1
0	0	0	0		4
n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

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

0	0	0	0		2
0	0	0	0		8
n/a	n/a	n/a	n/a		0.25

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



MD Peak Period
Cube Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Abcd					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*		0	0	0	0	0	2
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	2		0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	1
14:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	2
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	2	1	3	0	1	1	2	0	0	0	0	0	0	0	0	5	
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	

0	0	0	0
0	0	0	0

3

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

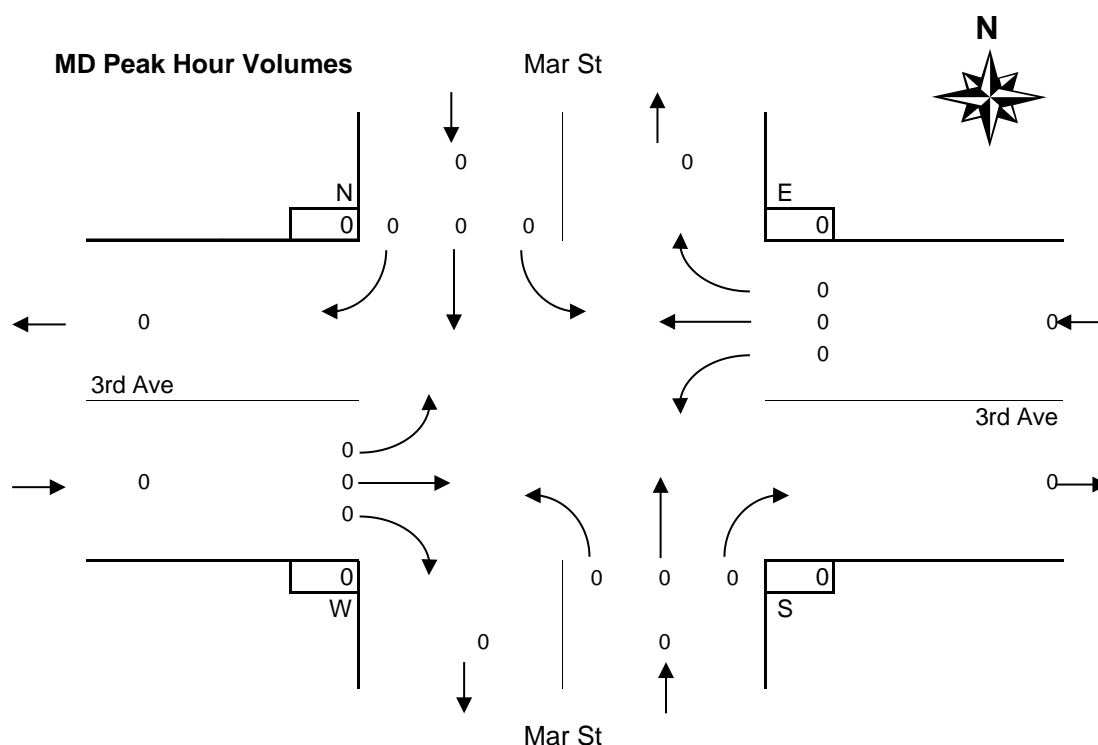
0
0
n/a

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2*
15x4	0	0	4	4	0	4	0	4	0	0	0	0	0	0	0	0	8+
PHF	n/a	n/a	0.25	0.25	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

1
4
0.25



PM Peak Period Cube Trucks

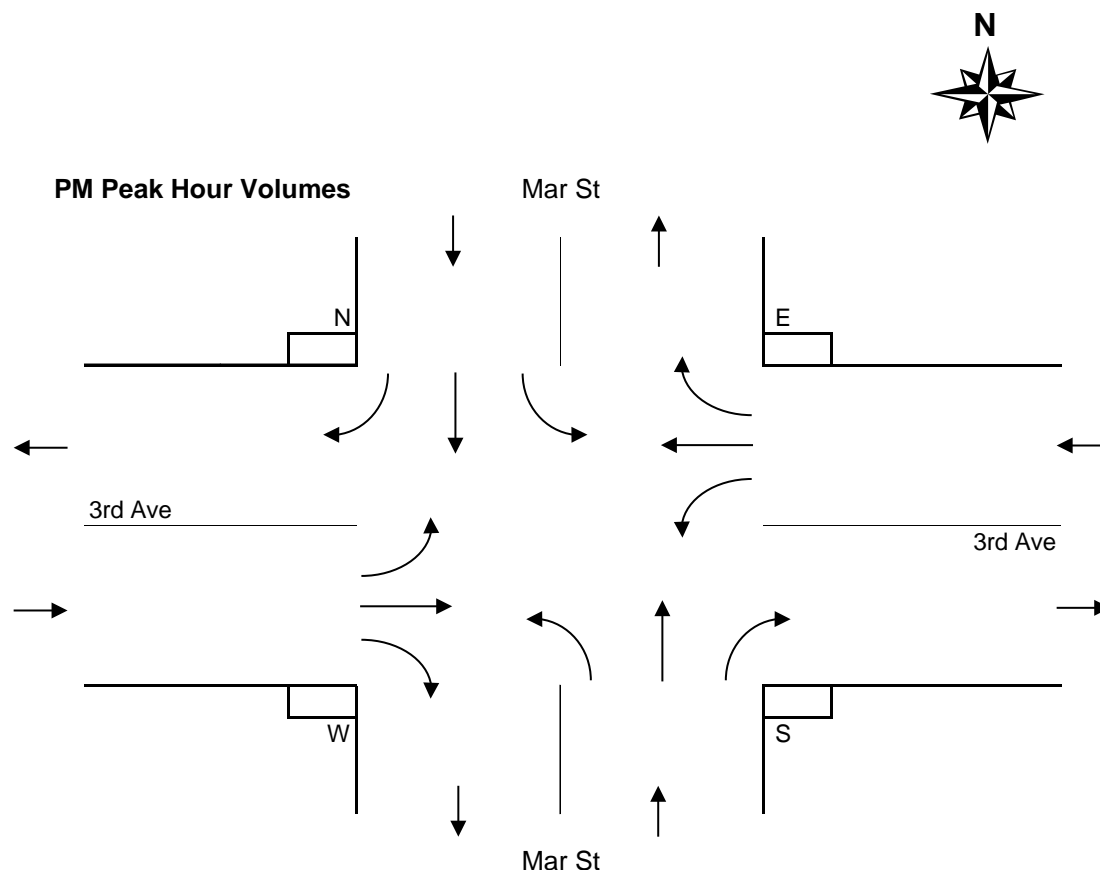
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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		0	0	0	0
Total	0	4	1	5	0	4	2	6	0	0	2	2	0	0	2	2	15	0	0	0	0
Avg Hr	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	2	0	2	0	3	1	4	0	0	2	2	0	0	2	2	10	0	0	0	0
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0

MD Peak Period

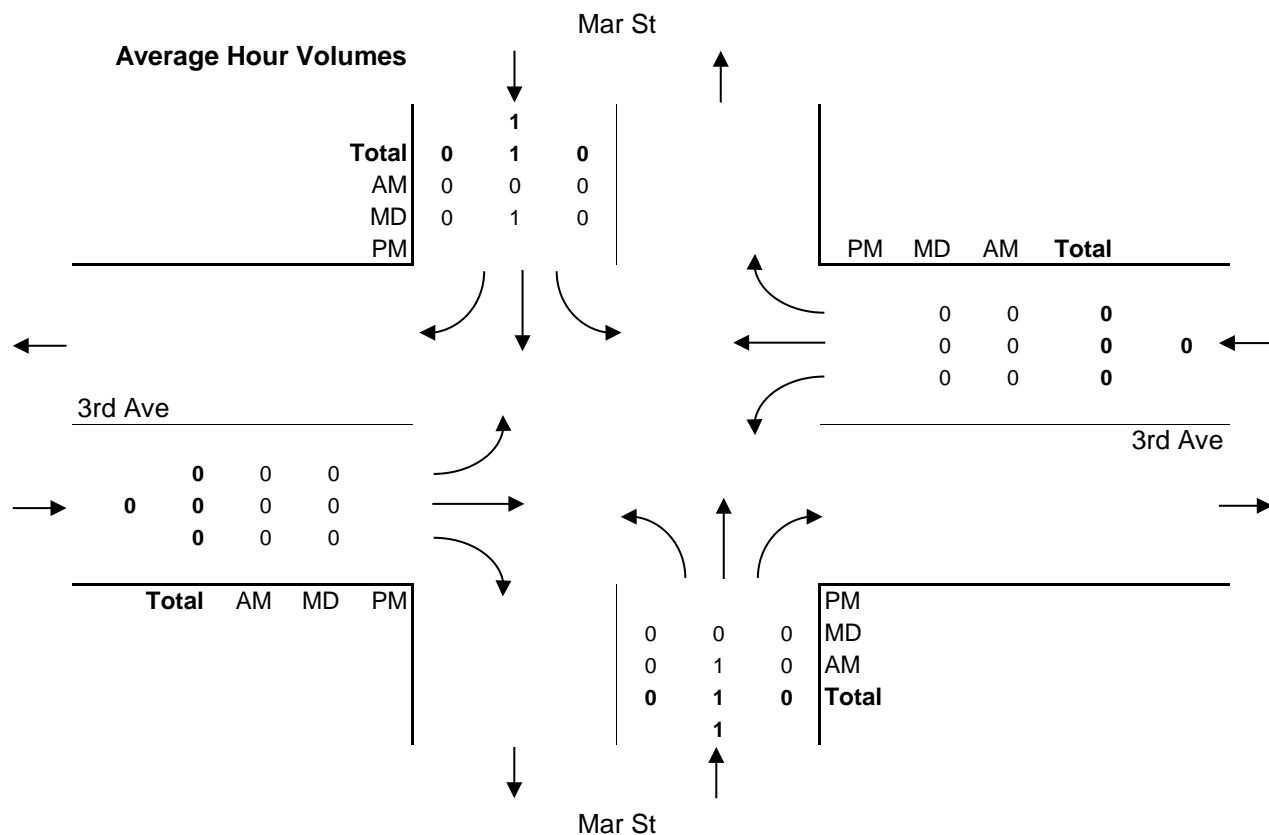
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	0	0	0	0	
Total	0	2	1	3	0	1	1	2	0	0	0	0	0	0	0	0	5	0	0	0	0
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					



Major Route: 3rd Avenue
 Minor Route: Mar Street
 Municipality: Port Alberni
 Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
 Location #: 3

Date: September 28, 2017
 Day-of-week: Thursday

East/West Route: 3rd Avenue
 Intersection Type: 4-leg
 Signalized?: No
 Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Dump Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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 Dump Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak				
	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							
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
7:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0
7:45	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0
8:00	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0
8:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	9	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0
9:00	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	0	6	10	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0
9:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	10	0	0	0	0
9:45	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	14	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0
10:15	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	4	12	0	0	0	0
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0
10:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0
11:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	9 *	0	0	0	0
11:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6 *	0	0	0	0
11:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	7 *	0	0	0	0
11:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	7 +	0	0	0	0
Total	0	19	0	19	1	19	0	20	0	0	0	0	0	0	0	0	0	39		0	0	0	0

12:00	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3			0	0	0	0
12:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:45	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	9*		0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6*		0	0	0	0
13:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	7*		0	0	0	0
13:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8+		0	0	0	0
13:45	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	7		0	0	0	0
14:00	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	11		0	0	0	0
14:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10		0	0	0	0
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	10		0	0	0	0
14:45	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6	13		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29			0	0	0	0

[illegible]

AM Peak Period
Dump Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
7:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1		0	0	0	0	1		
7:45	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	5		0	0	0	0	2	4
8:00	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	2	7		0	0	0	0	2	6
8:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7		0	0	0	0	1	6
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	9		0	0	0	0	2	7
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	5
9:00	0	4	0	4	0	2	0	2	0	0	0	0	0	0	0	0	6	10		0	0	0	0	4	7
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		0	0	0	0	0	6
9:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	10		0	0	0	0	2	6
9:45	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	14		0	0	0	0	2	8
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		0	0	0	0	0	4
10:15	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	12		0	0	0	0	3	7
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	9		0	0	0	0	1	6
10:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7		0	0	0	0	2	6
11:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	9*		0	0	0	0	2	8
11:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6*		0	0	0	0	1	6
11:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	7*		0	0	0	0	1	6
11:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	7+		0	0	0	0	1	5

Total	0	19	0	19	1	19	0	20	0	0	0	0	0	0	0	0	39								
Avg Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8								

0	0	0	0	0	20
0	0	0	0	0	

Peak hour of the intersection

Pk Hr	0	3	0	3	0	4	0	4	0	0	0	0	0	0	0	0	7*								
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8+								
PHF	n/a	0.75	n/a	0.75	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.88								

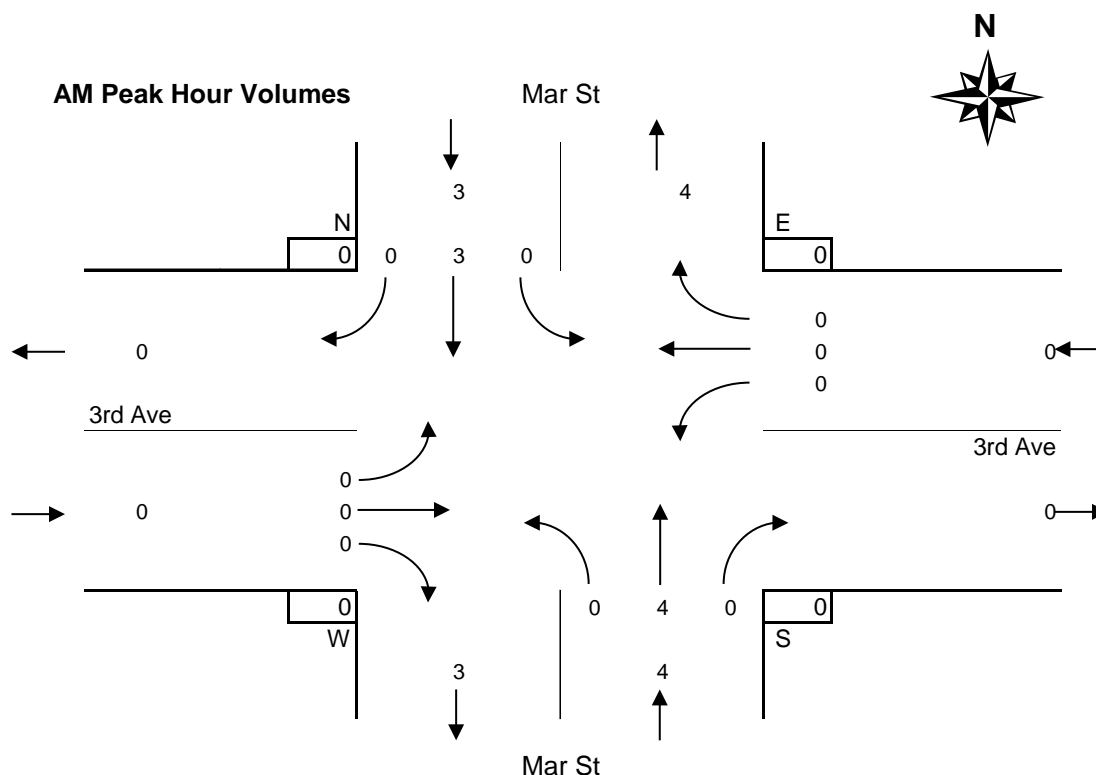
0	0	0	0	4
0	0	0	0	8
n/a	n/a	n/a	n/a	0.50

Peak hour of conflicting volumes for the intersection

Pk Hr	0	3	0	3	0	6	0	6	0	0	0	0	0	0	0	0	9*								
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.38	n/a	0.38	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56								

0	0	0	0	6
0	0	0	0	12
n/a	n/a	n/a	n/a	0.50

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



MD Peak Period
Dump Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
12:00	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3		0	0	0	0	2	
12:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	2	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:45	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	4	9*	0	0	0	0	3	7
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6*	0	0	0	0	0	5
13:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	7*	0	0	0	0	2	5
13:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8+	0	0	0	0	1	6
13:45	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	7	0	0	0	0	2	5
14:00	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	4	11	0	0	0	0	3	8
14:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0	2	8
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	1	8
14:45	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	6	13	0	0	0	0	3	9
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29								
Avg Hr	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	10								

0	0	0	0	0	15
0	0	0	0	0	

Peak hour of the intersection

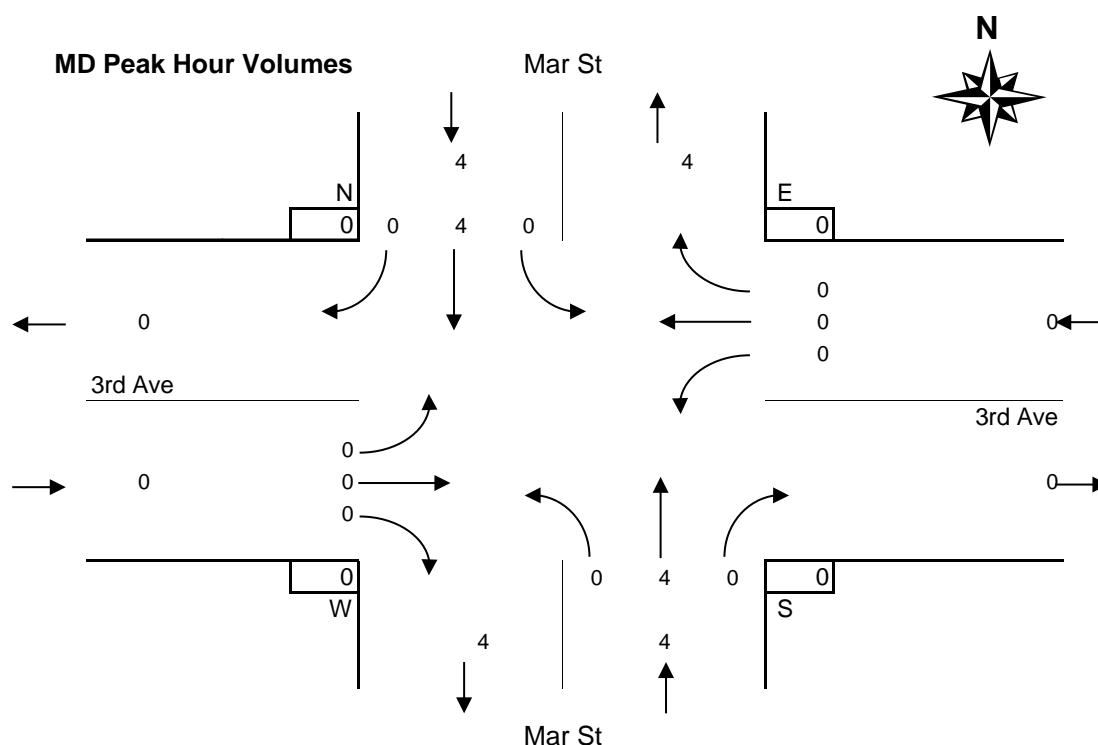
Pk Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8*								
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.50	n/a	0.50	n/a	0.33	n/a	0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50								

0	0	0	0	4
0	0	0	0	12
n/a	n/a	n/a	n/a	0.33

Peak hour of conflicting volumes for the intersection

Pk Hr	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	10*								
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.63	n/a	0.63	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63								

0	0	0	0	5
0	0	0	0	12
n/a	n/a	n/a	n/a	0.42



Dump Trucks

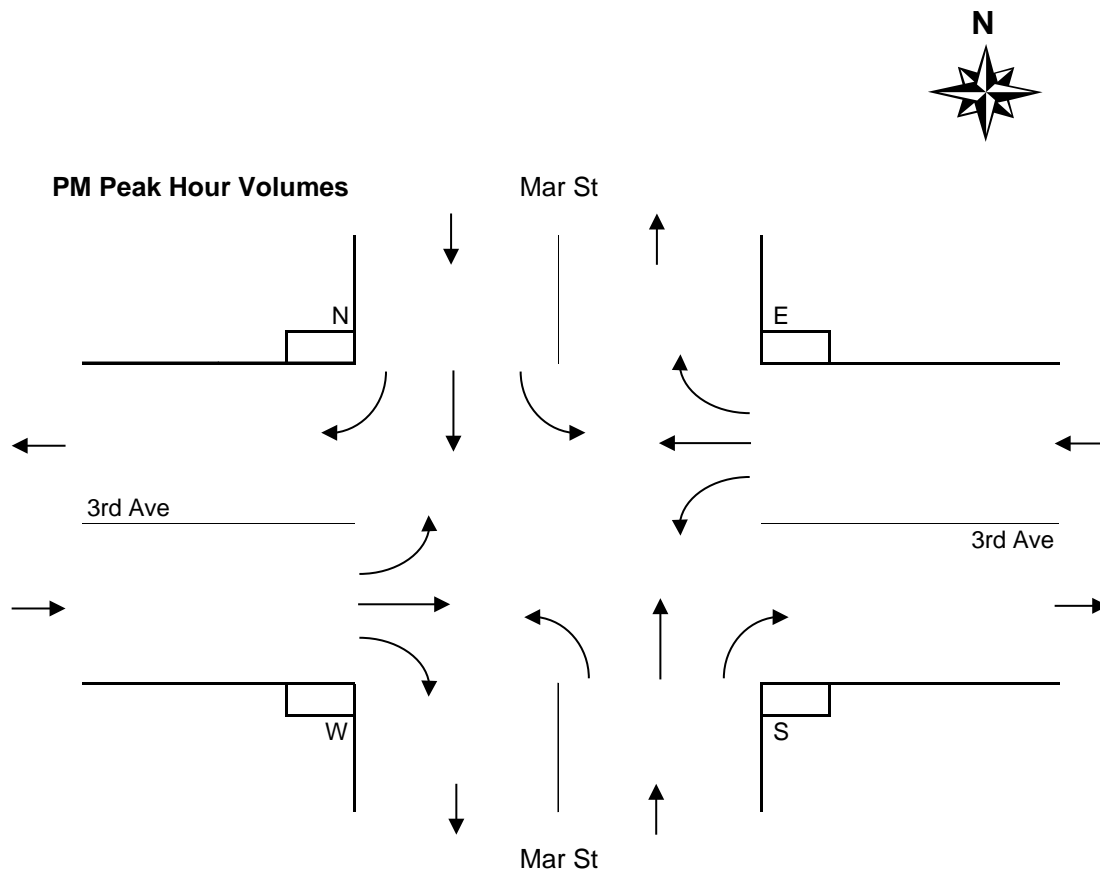
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Period Hourly Averages
Dump Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
Total	0	33	0	33	1	34	0	35	0	0	0	0	0	0	0	0	68
Avg Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	9

N	S	W	E
0	0	0	0
0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	19	0	19	1	19	0	20	0	0	0	0	0	0	0	0	39
Avg Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8

N	S	W	E
0	0	0	0
0	0	0	0

MD Peak Period

3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29
Avg Hr	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	10

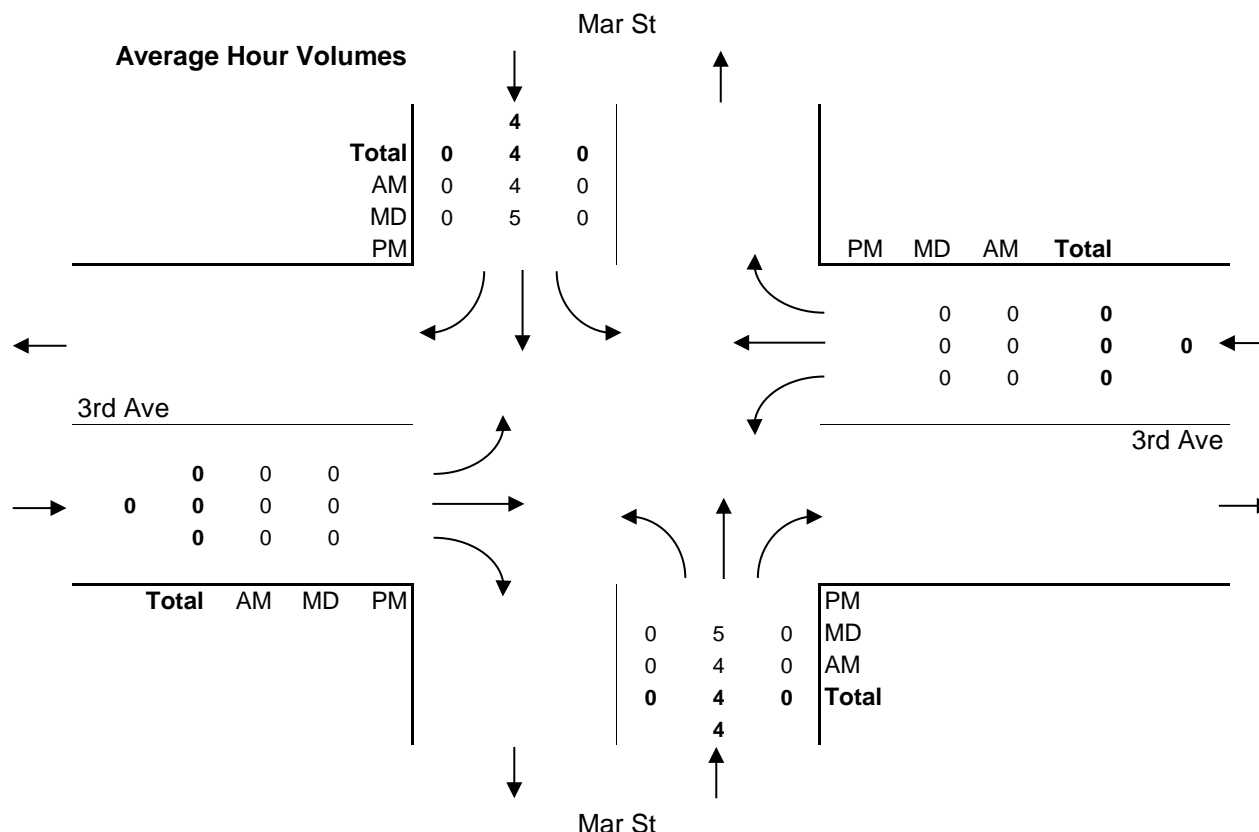
N	S	W	E
0	0	0	0
0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total																	
Avg Hr																	

N	S	W	E



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

This data is for Emergency Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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
Emergency Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak Period				
	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							
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		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	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0

12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0

n/a																							
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n/a																							
n/a																							
Total																							

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	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	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0

Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Avg Hr	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	0	0	0	0	0
0	0	0	0	0	0

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

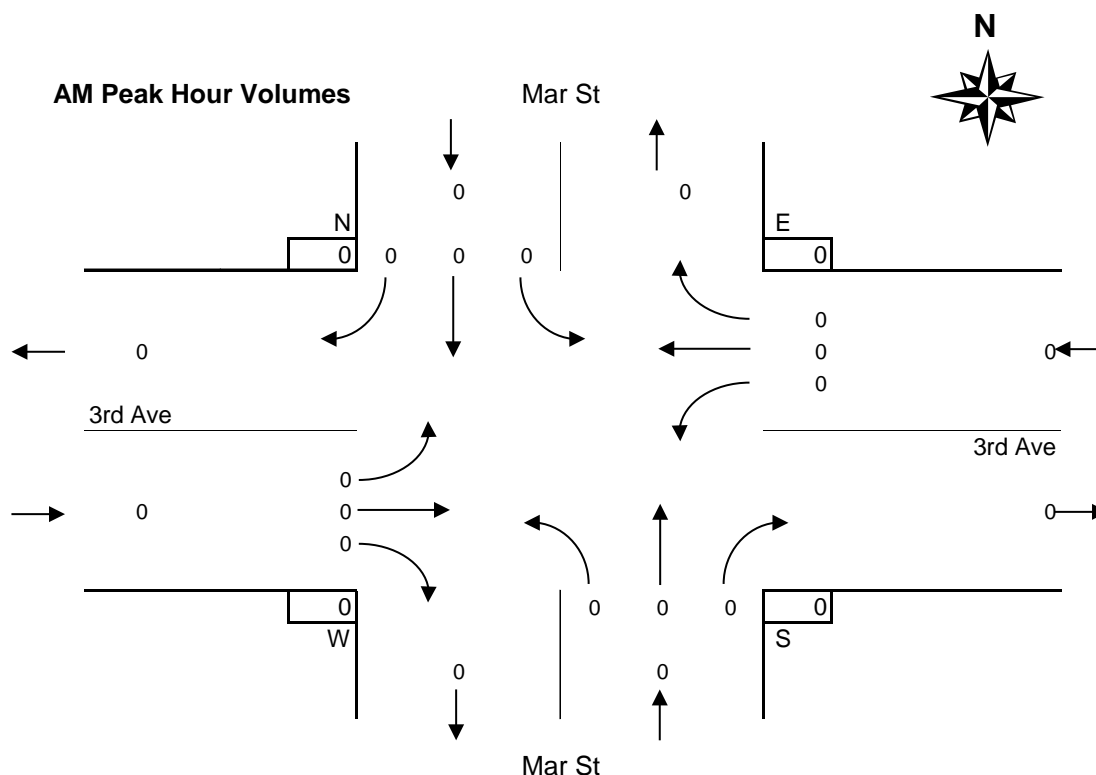
0	0	0	0	0	0
0	0	0	0	0	0
n/a	n/a	n/a	n/a	n/a	n/a

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

0	0	0	0	0	0
0	0	0	0	0	0
n/a	n/a	n/a	n/a	n/a	n/a

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



Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									

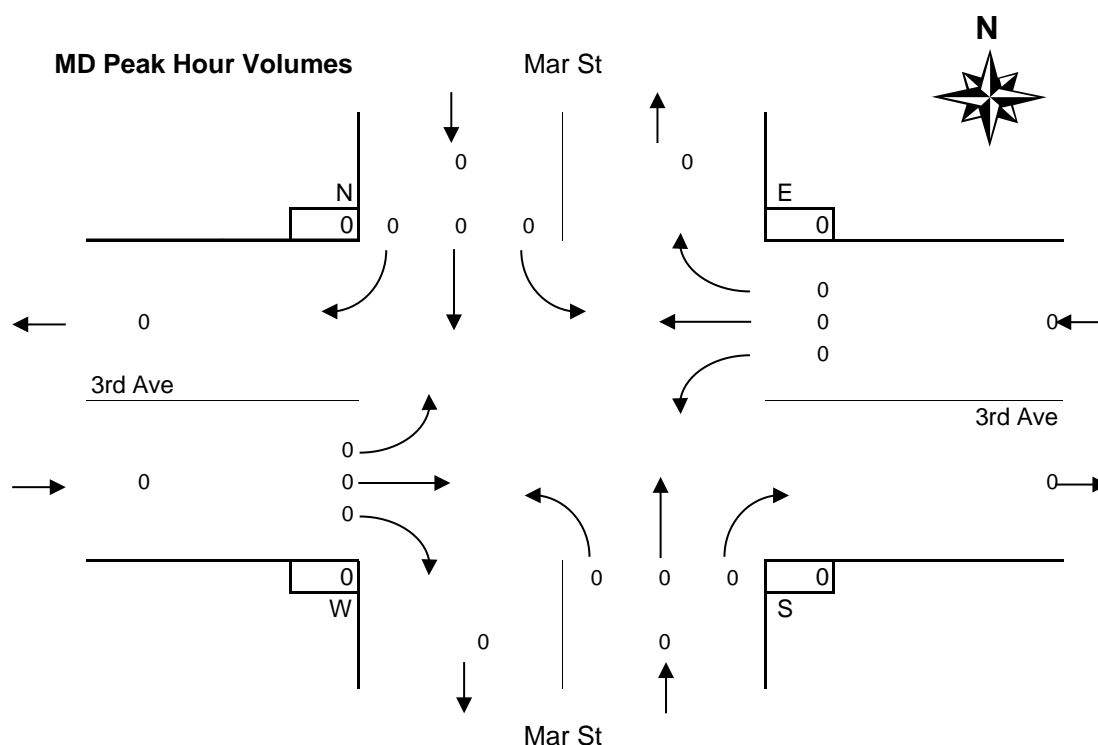
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0		0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+		0	0	0	0		0
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a		n/a

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+		0	0	0	0		0
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a		n/a



PM Peak Period Emergency Trucks

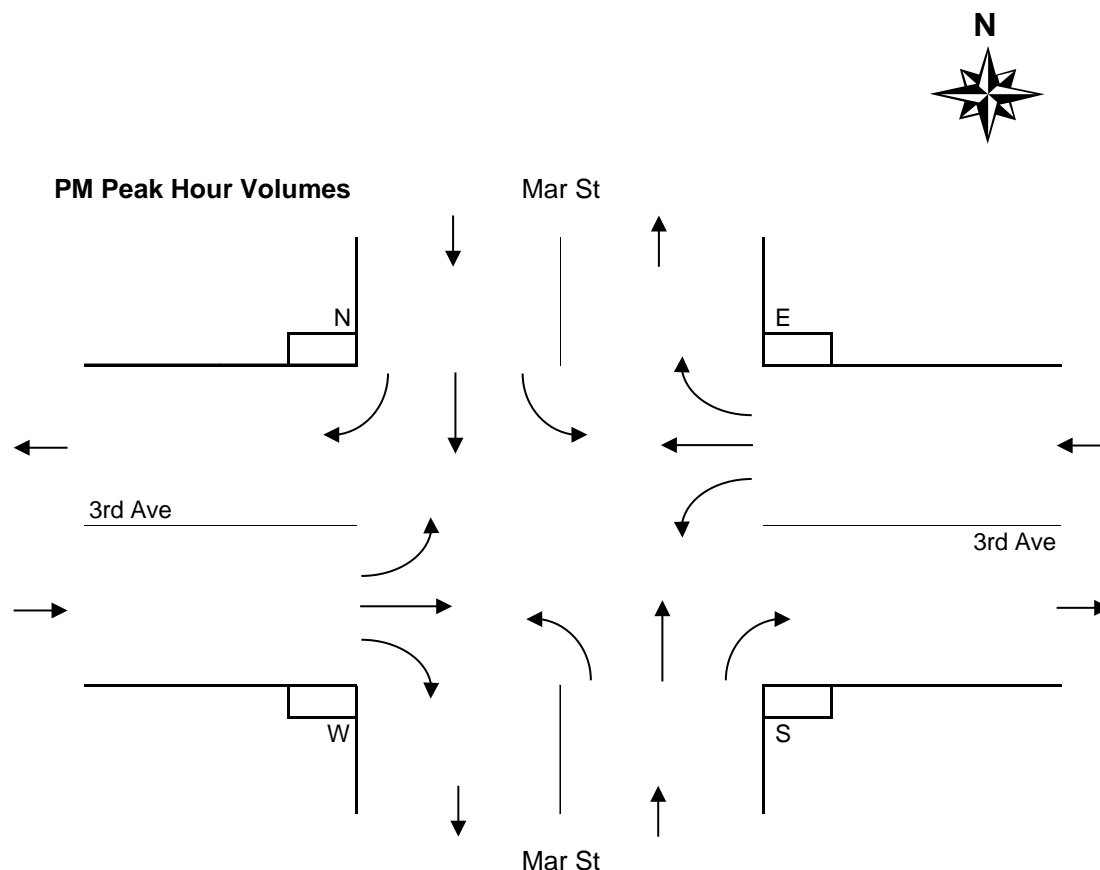
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Emergency Trucks

Thursday, September 28, 2017

Entire Survey Period

8 Hours

[illegible]

AM Peak Period

5 Hours

[illegible]

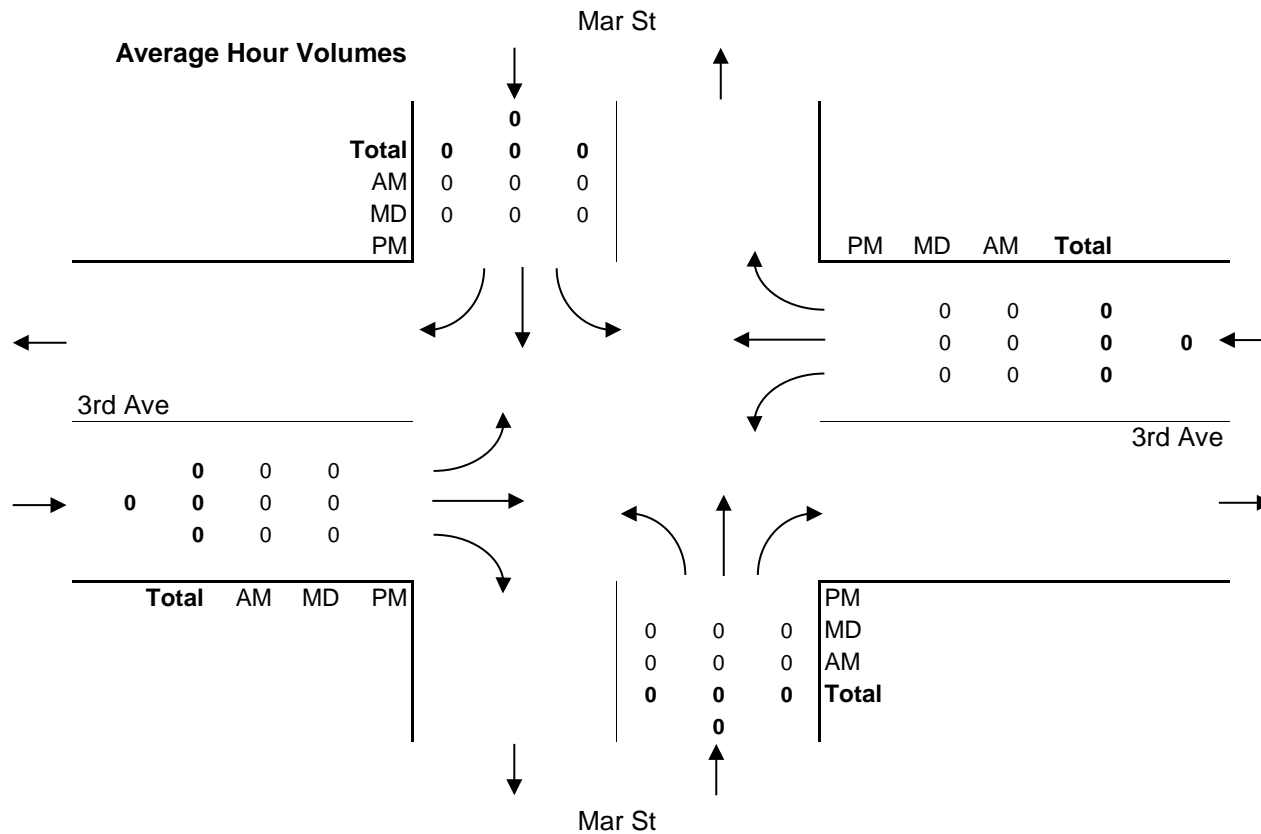
MD Peak Period

3 Hours

[illegible]

PM Peak Period

Hours

[illegible]

Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Garbage Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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 Garbage Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak				
	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							
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2		0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
9:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2		0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
10:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0
Total	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5			0	0	0	0

12:00	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
12:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*		0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*		0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	+		0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2			0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3			0	0	0	0	0	0

[illegible]

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach											15 min	Hr
	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
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
8:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	0	0	0	0	1	2	
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
9:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	1	2	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
10:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	2	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*	0	0	0	0	0	1	
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0	0	
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+	0	0	0	0	0	0	

Total	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5								
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1								

0	0	0	0		4
0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*							
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+							
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a							

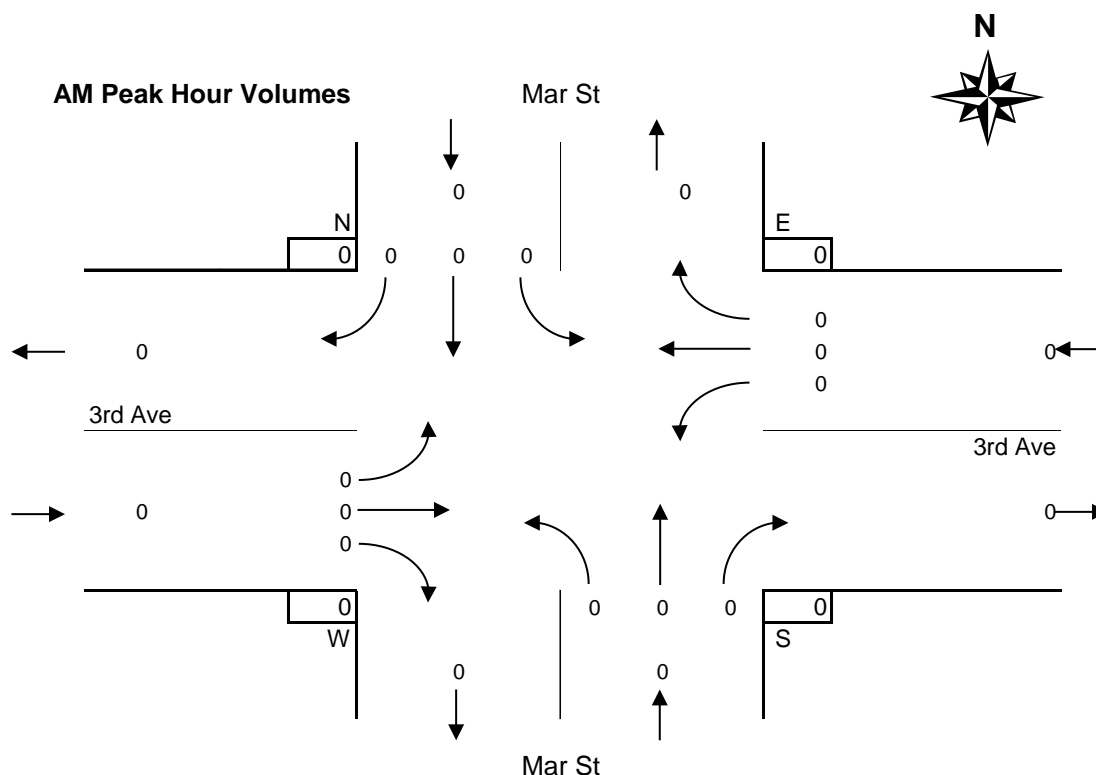
0	0	0	0		0
0	0	0	0		0
n/a	n/a	n/a	n/a		n/a

Peak hour of conflicting volumes for the intersection

Pk Hr	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2*								
15x4	0	4	0	4	0	0	0	0	0	0	0	0	0	0	4	4	4+								
PHF	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.50								

0	0	0	0		2
0	0	0	0		8
n/a	n/a	n/a	n/a		0.25

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



MD Peak Period
Garbage Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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							
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*		0	0	0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1+		0	0	0	0	1	1
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2		0	0	0	0	1	2
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3								
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1								

0	0	0	0
0	0	0	0

3

Peak hour of the intersection

Pk Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	*
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4	+
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

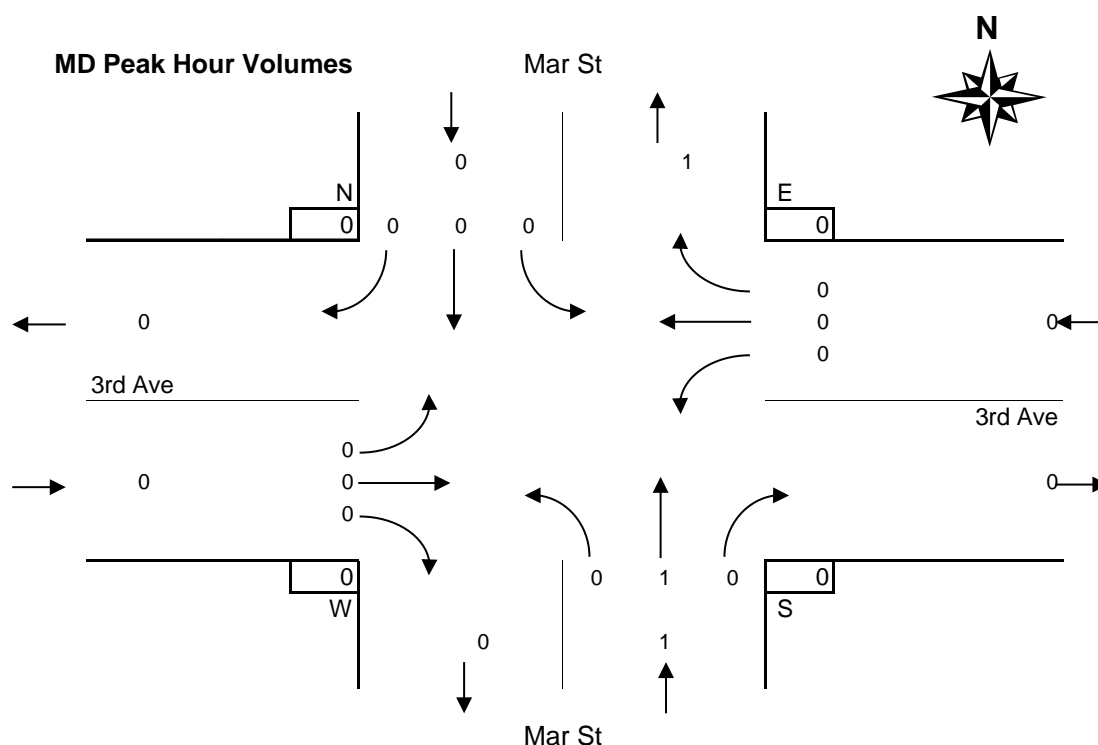
1
4
0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	*
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4	+
PHF	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50	

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

2
4
0.50



PM Peak Period Garbage Trucks

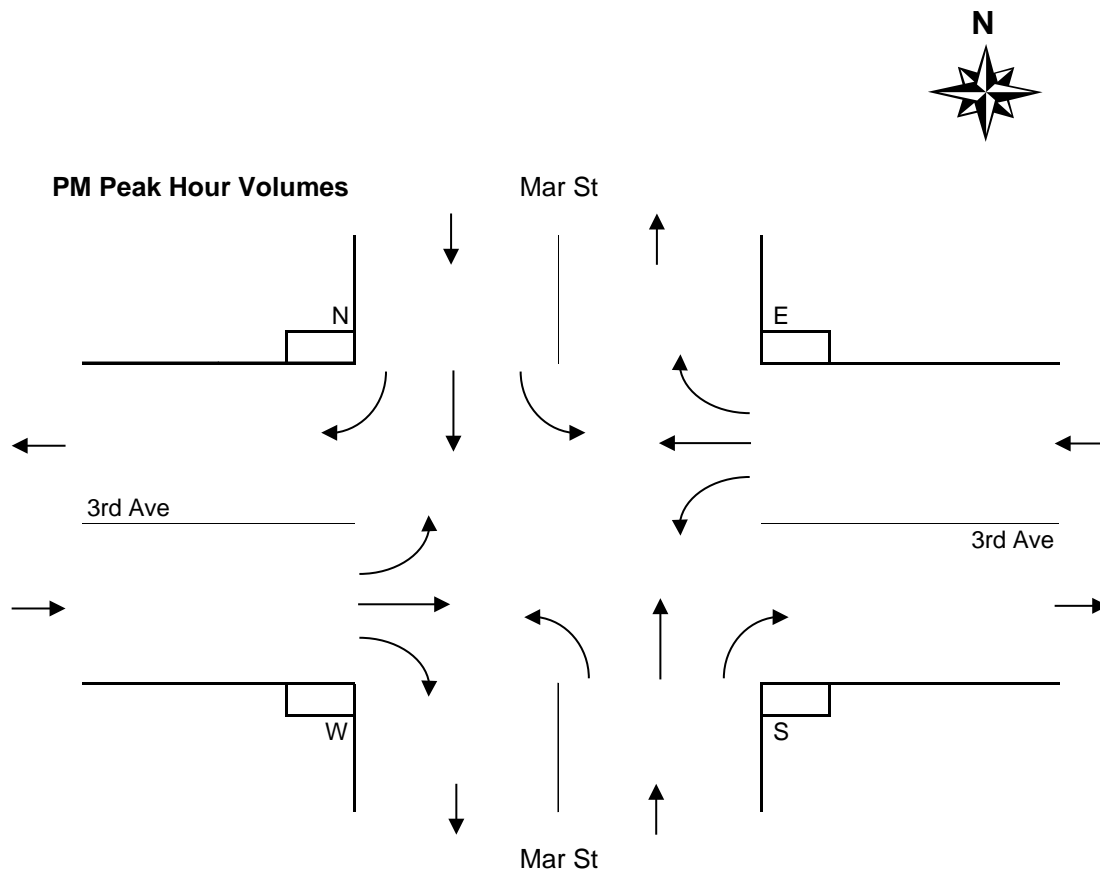
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Period Hourly Averages
Garbage Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	
Total	0	2	0	2	1	3	0	4	0	0	0	0	1	0	1	2	8
Avg Hr	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1

N	S	W	E
0	0	0	0
0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

N	S	W	E
0	0	0	0
0	0	0	0

MD Peak Period

3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1

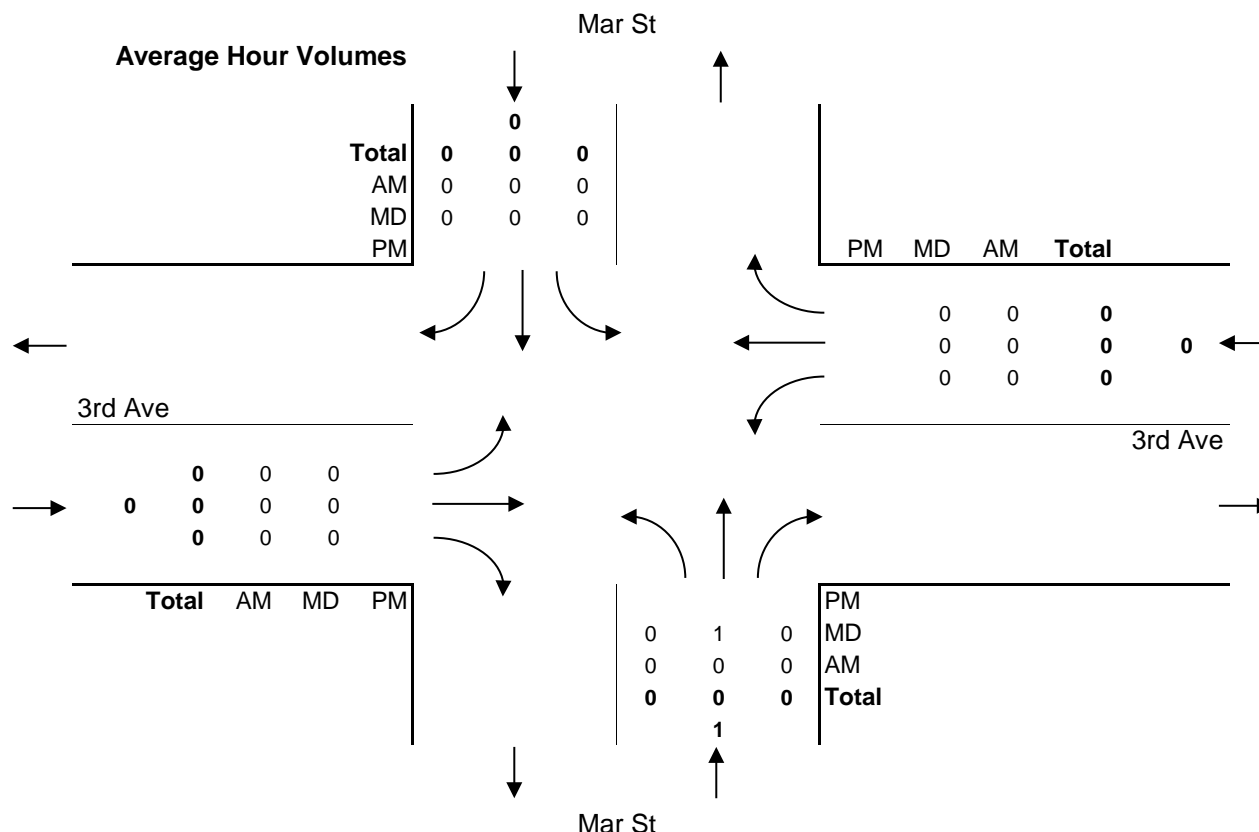
N	S	W	E
0	0	0	0
0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total																	
Avg Hr																	

N	S	W	E



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Logging Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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 Logging Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					
	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	
7:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0
7:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0
7:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3			0	0	0	0
7:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7		0	0	0	0
8:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	9		0	0	0	0
8:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	10		0	0	0	0
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0
9:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	4		0	0	0	0
9:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	7		0	0	0	0
9:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7		0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0
10:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0
10:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	6		0	0	0	0
10:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7		0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8 *		0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7 *		0	0	0	0
11:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	6 *		0	0	0	0
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5 +		0	0	0	0
Total	0	17	0	17	0	17	0	17	0	0	0	0	0	0	0	0	0	34			0	0	0	0

12:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
12:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3 *	0	0	0	0
13:00	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	5 *	0	0	0	0
13:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7 *	0	0	0	0
13:30	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	9 +	0	0	0	0
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0
14:00	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	9	0	0	0	0
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	9	0	0	0	0
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	8	0	0	0	0
14:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0
n/a																						
n/a																						
n/a																						
n/a																						
Total	0	12	0	12	0	8	0	8	0	0	0	0	0	0	0	0	20		0	0	0	0

[illegible]

AM Peak Period
Logging Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach											15 min	Hr
	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
7:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
7:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	2	
7:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3		0	0	0	0	2	
7:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	1	6
8:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	9	0	0	0	0	2	7
8:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	10	0	0	0	0	2	7
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0	1	6
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0	1	6
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	4
9:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	2	4
9:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	7	0	0	0	0	2	5
9:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	1	5
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	5
10:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	1	4
10:30	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	6	0	0	0	0	2	4
10:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	0	0	0	2	5
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8*	0	0	0	0	1	6
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7*	0	0	0	0	0	5
11:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	6*	0	0	0	0	2	5
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5+	0	0	0	0	1	4

Total	0	17	0	17	0	17	0	17	0	0	0	0	0	0	0	0	34								
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	7								

0	0	0	0		17
0	0	0	0		

Peak hour of the intersection

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

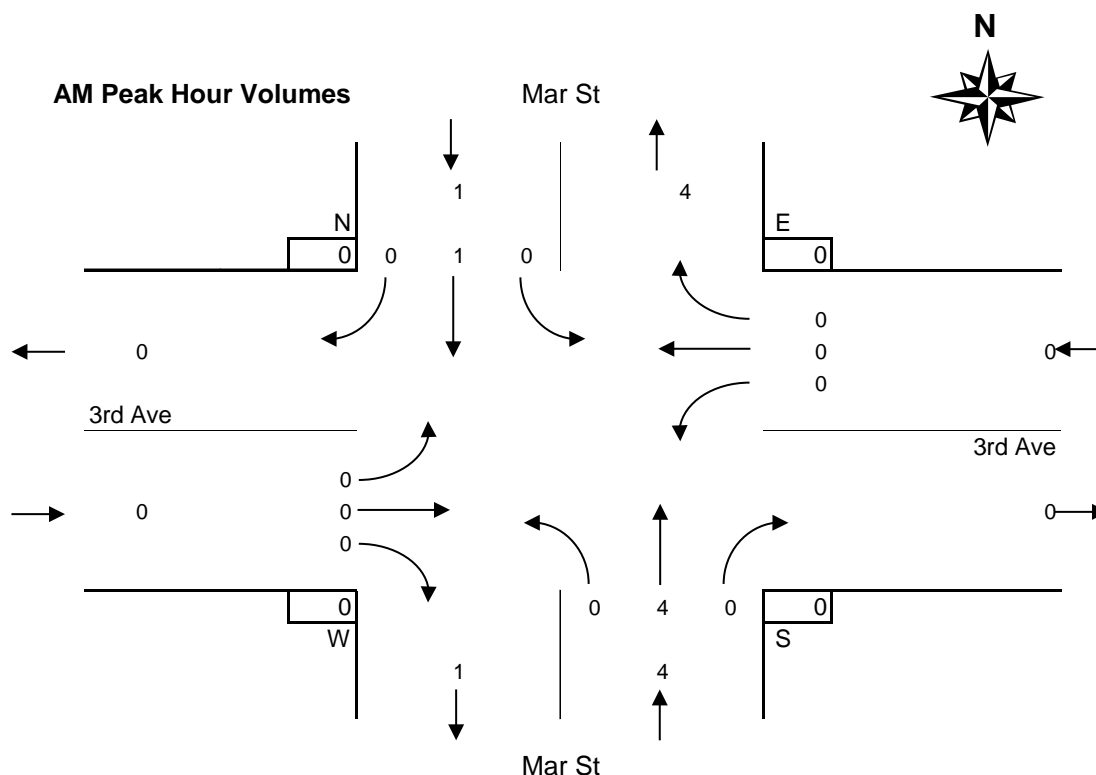
0	0	0	0		4
0	0	0	0		8
n/a	n/a	n/a	n/a		0.50

Peak hour of conflicting volumes for the intersection

Pk Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6*								
15x4	0	8	0	8	0	8	0	8	0	0	0	0	0	0	0	0	16*								
PHF	n/a	0.38	n/a	0.38	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38								

0	0	0	0		3
0	0	0	0		8
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. **



MD Peak Period
Logging Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
12:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	2	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	3*	0	0	0	0	1	3
13:00	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	4	5*	0	0	0	0	3	4
13:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7*	0	0	0	0	2	6
13:30	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9+	0	0	0	0	2	8
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	1	8
14:00	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	9	0	0	0	0	2	7
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	9	0	0	0	0	1	6
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0	1	5
14:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	0	0	0	0	1	5
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	12	0	12	0	8	0	8	0	0	0	0	0	0	0	0	20								
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7								

0	0	0	0
0	0	0	0

12

Peak hour of the intersection

Pk Hr	0	5	0	5	0	4	0	4	0	0	0	0	0	0	0	0	9*								
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.63	n/a	0.63	n/a	0.33	n/a	0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56								

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

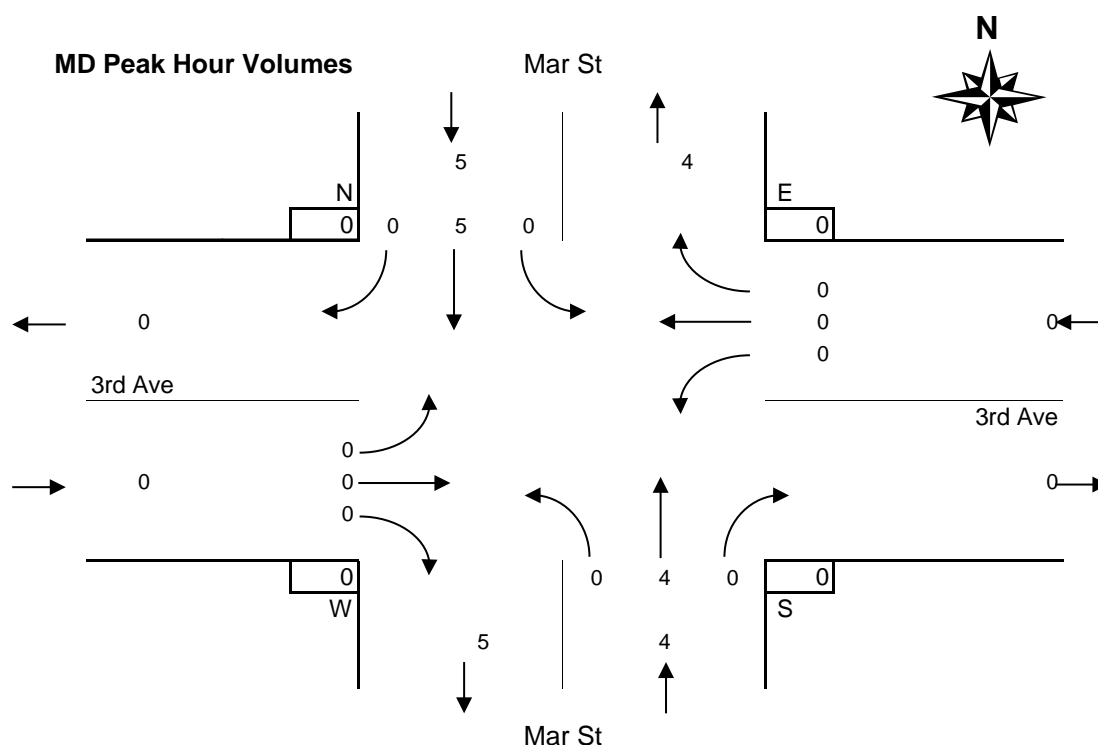
5
12
0.42

Peak hour of conflicting volumes for the intersection

Pk Hr	0	6	0	6	0	3	0	3	0	0	0	0	0	0	0	0	9*								
15x4	0	8	0	8	0	8	0	8	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.75	n/a	0.75	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56								

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

6
8
0.75



PM Peak Period Logging Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

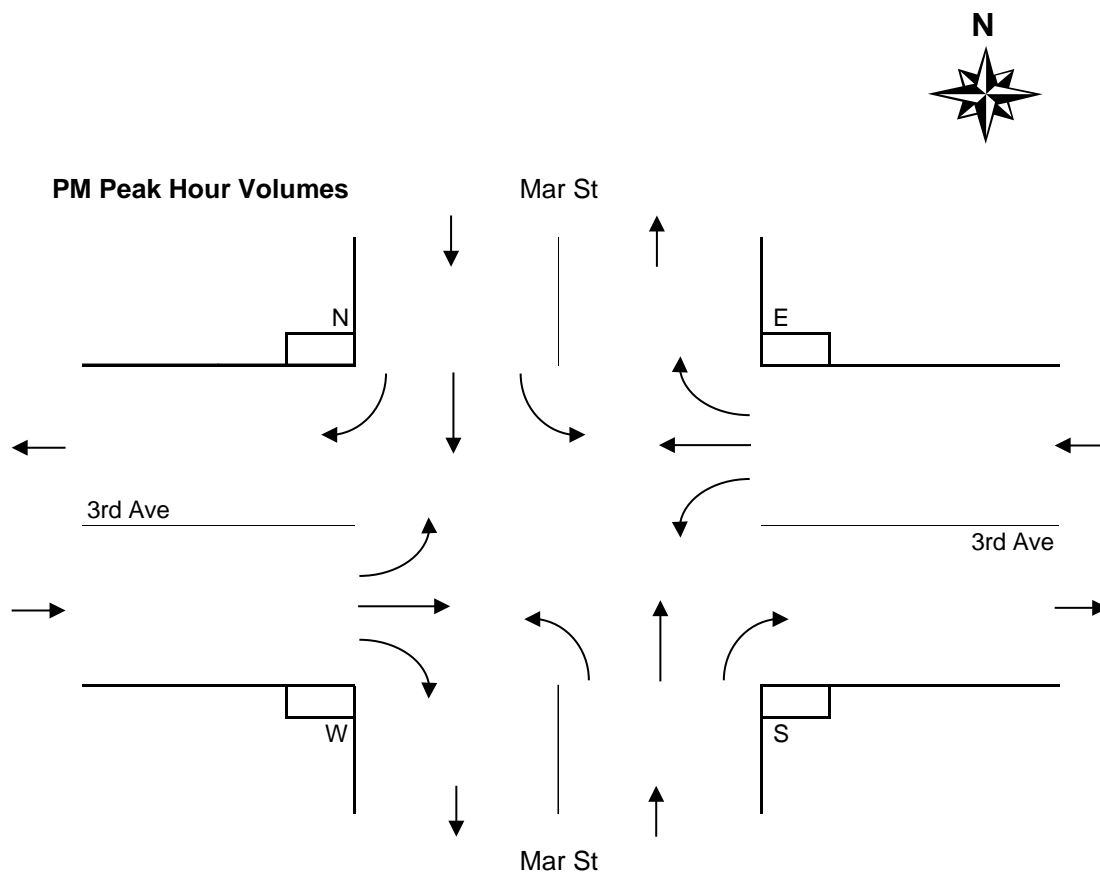
[illegible]

Total																								
Avg Hr																								

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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	29	0	29	0	25	0	25	0	0	0	0	0	0	0	0	0	54	0	0	0	0
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	0	7	0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	17	0	17	0	17	0	17	0	0	0	0	0	0	0	0	34	0	0	0	0
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	7	0	0	0	0

MD Peak Period

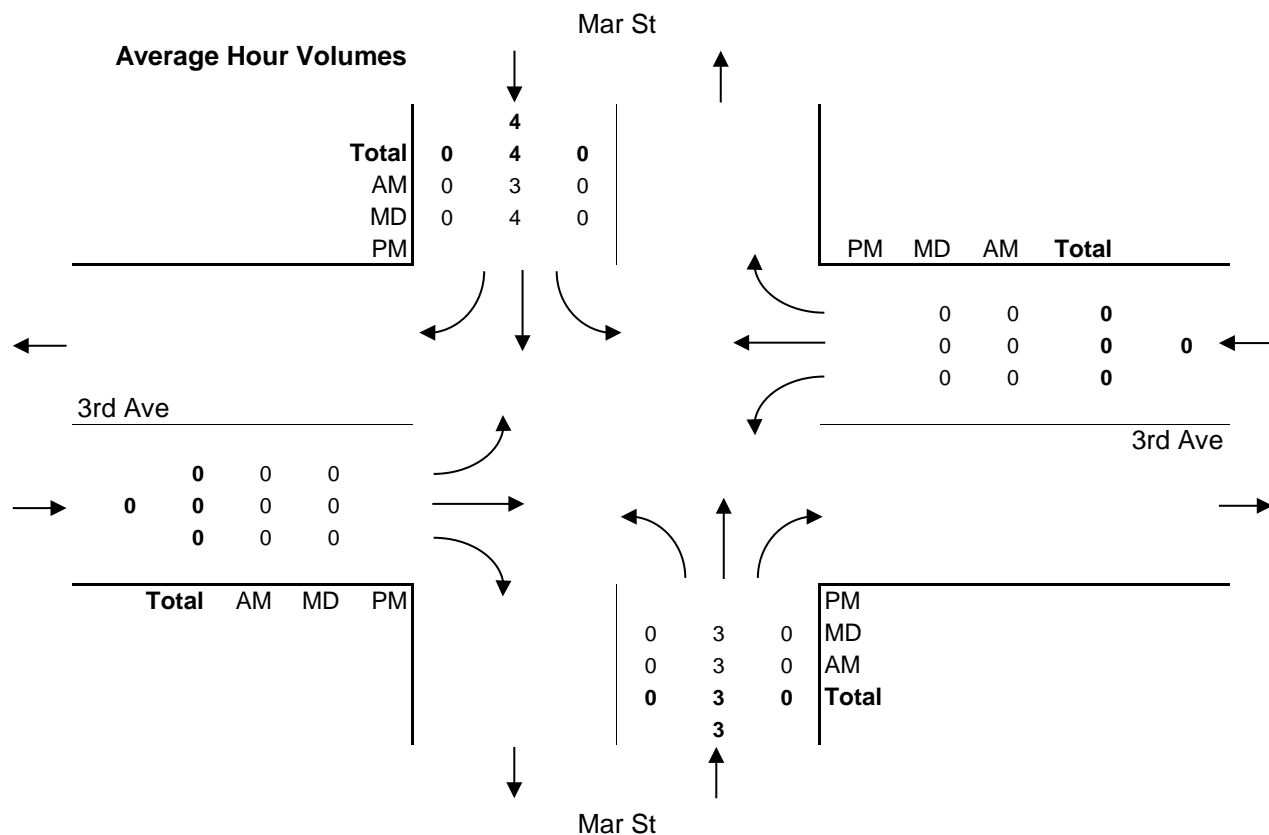
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	12	0	12	0	8	0	8	0	0	0	0	0	0	0	0	20	0	0	0	0
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7	0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for RVs**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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:

RVs

Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					
	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								
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		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	0	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1			0	0	0	0

12:00	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
12:15	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
12:30	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
12:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	0
13:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	*	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0
13:30	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	+	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2		0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2		0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	1	1	3	0	1	0	1	0	0	0	0	0	0	0	1	1	5			0	0	0	0	0

[illegible]

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	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	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1*		0	0	0	0	1	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1+		0	0	0	0	0	1

Total	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	
Avg Hr	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

1

Peak hour of the intersection

Pk Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1*
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4+
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

1
4
0.25

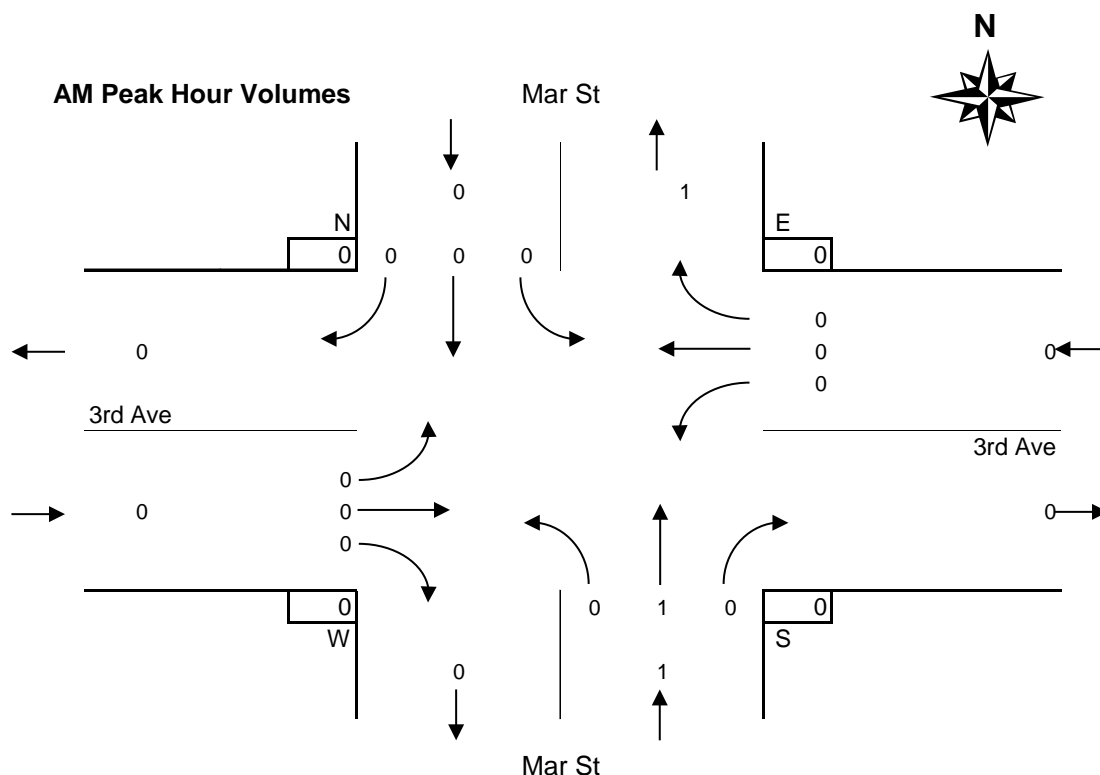
Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

0
0
n/a

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



MD Peak Period
RVs

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					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							
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
12:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1*	0	0	0	0	1	1
13:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2*	0	0	0	0	1	2
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*	0	0	0	0	0	2
13:30	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3+	0	0	0	0	1	3
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	0	0	1	2	
n/a																									
n/a																									
n/a																									
n/a																									

Total	1	1	1	3	0	1	0	1	0	0	0	0	0	0	0	1	1	5							
Avg Hr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2							

0	0	0	0		3
0	0	0	0		

Peak hour of the intersection

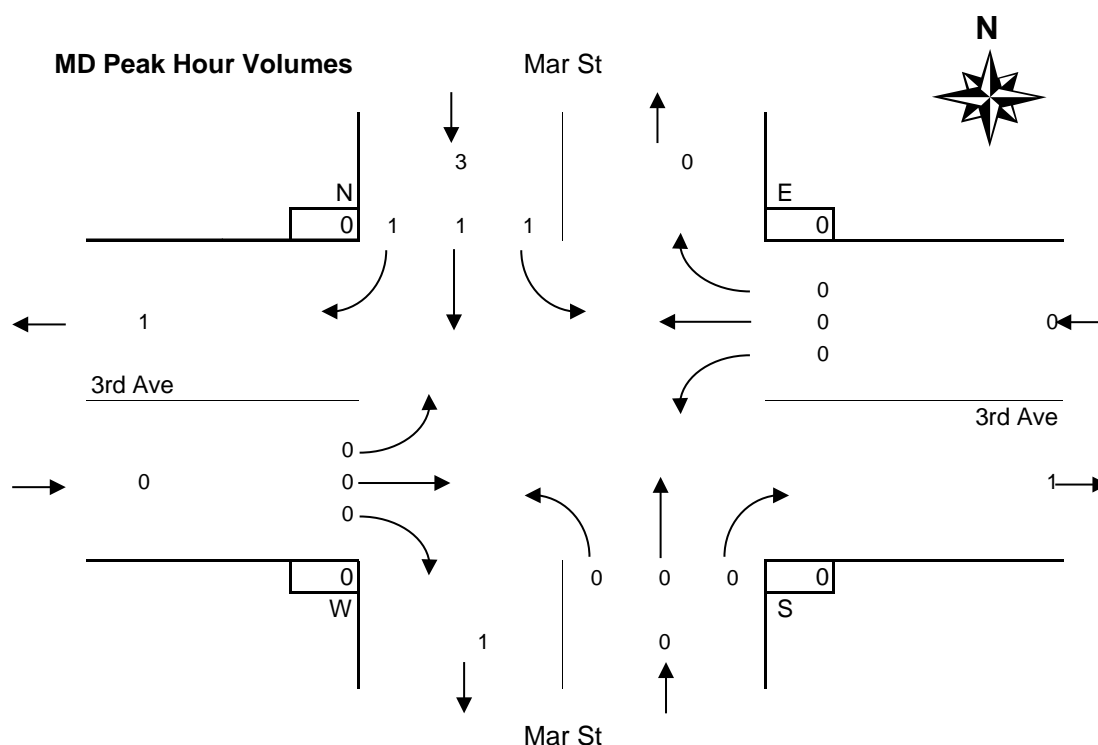
Pk Hr	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3*							
15x4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4+							
PHF	0.25	0.25	0.25	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75								

0	0	0	0		2
0	0	0	0		8
n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2*								
15x4	0	0	4	4	0	4	0	4	0	0	0	0	0	0	0	0	4+								
PHF	n/a	n/a	0.25	0.25	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50								

0	0	0	0		1
0	0	0	0		4
n/a	n/a	n/a	n/a		0.25



RVs

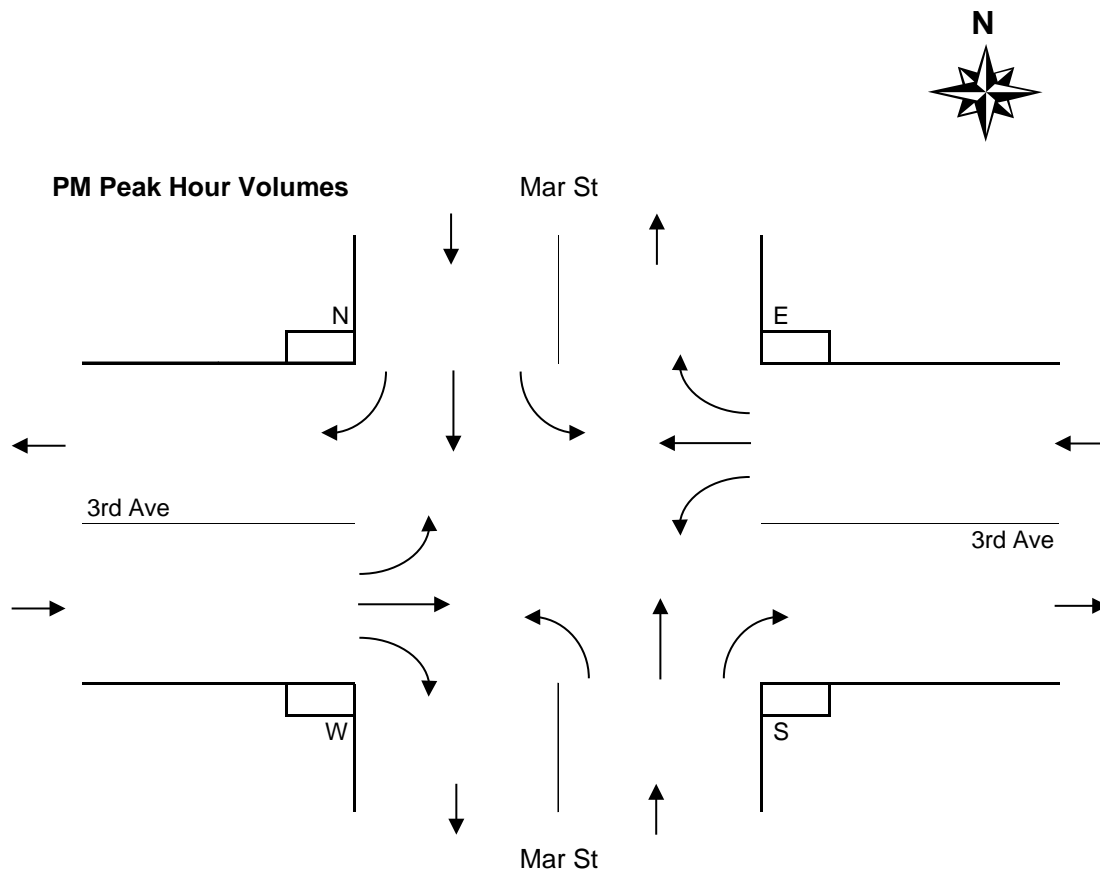
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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	1	1	1	3	0	2	0	2	0	0	0	0	0	0	0	1	1	6	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MD Peak Period

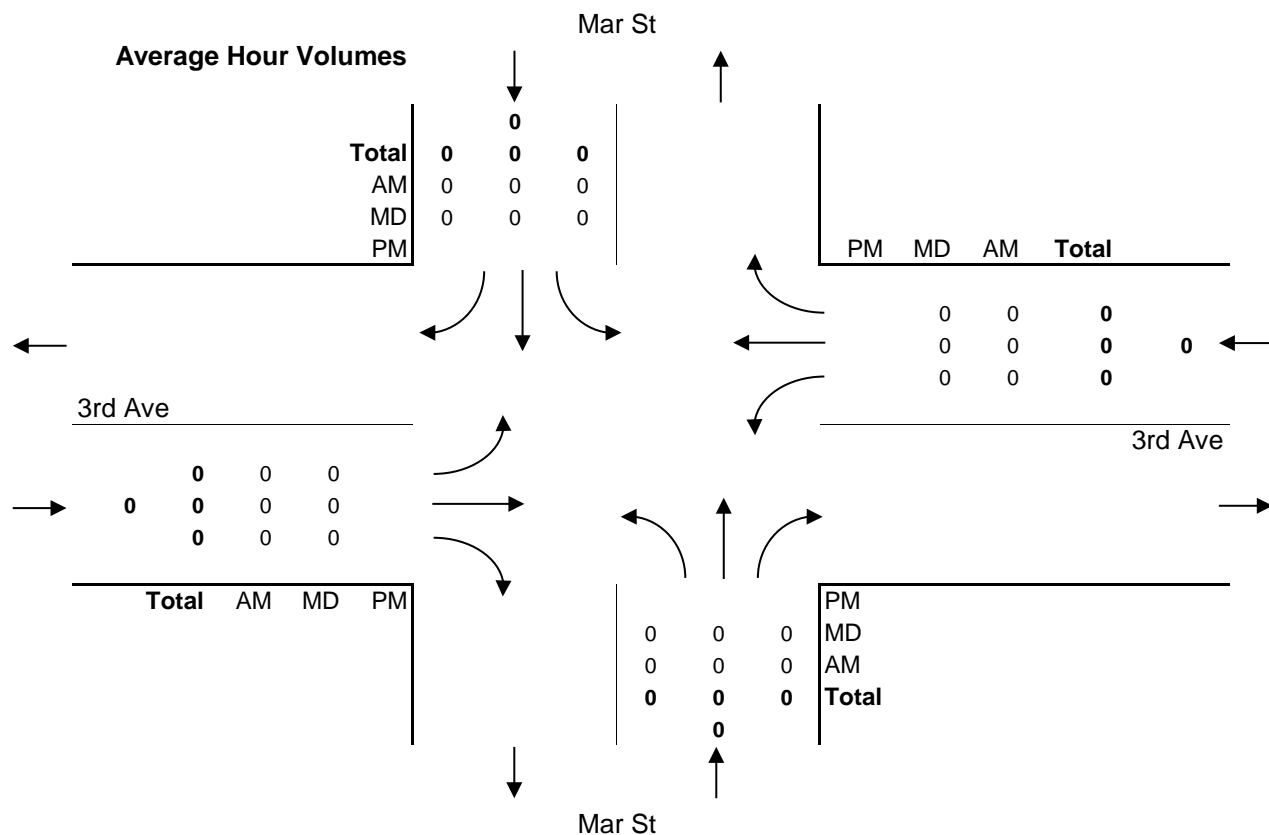
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	1	1	3	0	1	0	1	0	0	0	0	0	0	1	1	5	0	0	0	0
Avg Hr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					



Major Route: 3rd Avenue
 Minor Route: Mar Street
 Municipality: Port Alberni
 Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
 Location #: 3

Date: September 28, 2017
 Day-of-week: Thursday

East/West Route: 3rd Avenue
 Intersection Type: 4-leg
 Signalized?: No
 Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for Utility Trucks**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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 Utility Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					
	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	
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	
8:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	
9:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	
9:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	
9:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	
10:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	
10:30	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	1	2	9	0	0	0	0	
11:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	10	*	0	0	0	0
11:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	10	*	0	0	0	0
11:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	7	*	0	0	0	0
11:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	7	+	0	0	0	0
Total	0	14	0	14	0	13	0	13	0	0	0	0	0	0	0	1	1	28			0	0	0	0

12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
12:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0
12:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4 *		0	0	0	0
13:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	6 *		0	0	0	0
13:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	8 *		0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7 +		0	0	0	0
13:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	1	1	3	9		0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0	0
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	6		0	0	0	0
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	7	0	7	0	9	0	9	0	0	0	0	0	0	1	1	17			0	0	0	0

[illegible]

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach											15 min	Hr
	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
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	2	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	4	
8:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	5	
9:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	5	
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	5	
9:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	4	
9:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	3	
10:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	3	
10:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	4	
10:30	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	5	9	0	0	0	0	6	
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	9	0	0	0	0	2		
11:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	10*	0	0	0	0	1		
11:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	10*	0	0	0	0	1		
11:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	7*	0	0	0	0	1		
11:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	7+	0	0	0	0	2		

Total	0	14	0	14	0	13	0	13	0	0	0	0	0	0	1	1	28							
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6							

0	0	0	0	0	15
0	0	0	0	0	

Peak hour of the intersection

Pk Hr	0	2	0	2	0	5	0	5	0	0	0	0	0	0	0	0	7*							
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8+							
PHF	n/a	0.50	n/a	0.50	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.88							

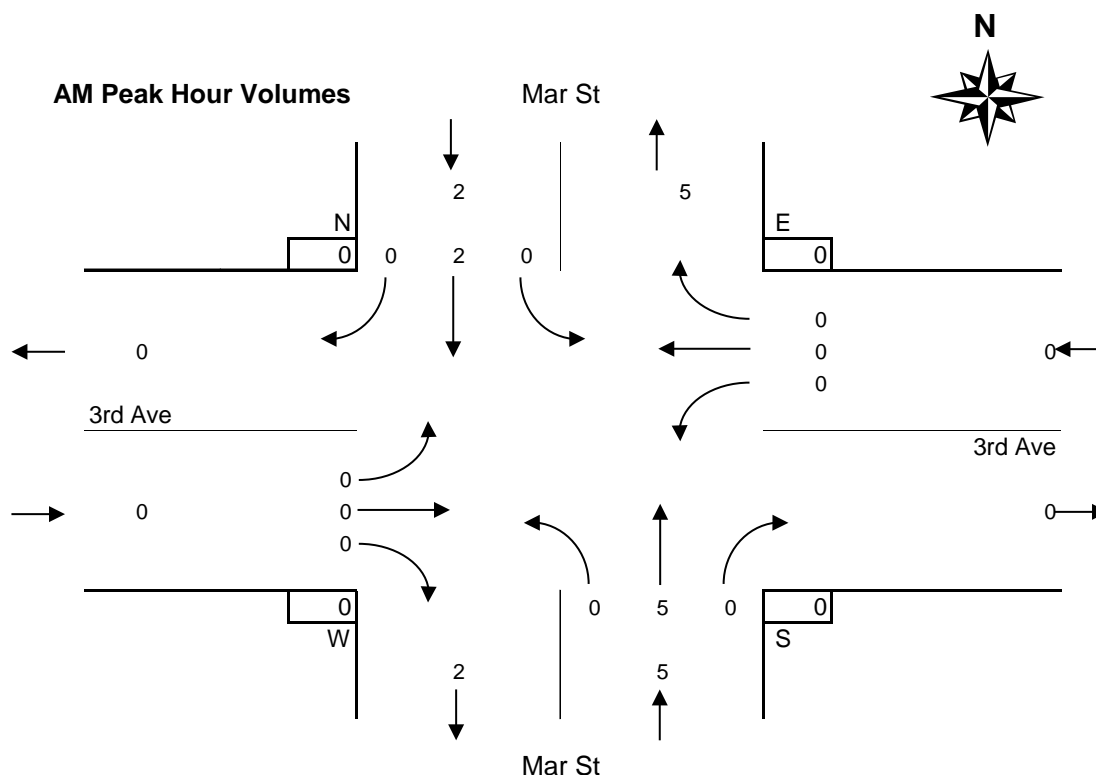
0	0	0	0	5
0	0	0	0	8
n/a	n/a	n/a	n/a	0.63

Peak hour of conflicting volumes for the intersection

Pk Hr	0	4	0	4	0	5	0	5	0	0	0	0	0	0	0	0	9*							
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	20+							
PHF	n/a	0.50	n/a	0.50	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.45							

0	0	0	0	5
0	0	0	0	12
n/a	n/a	n/a	n/a	0.42

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



MD Peak Period
Utility Trucks

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Abcd					Conflict	
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
12:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4*		0	0	0	0	1	4
13:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	6*		0	0	0	0	2	5
13:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	8*		0	0	0	0	1	6
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7+		0	0	0	0	1	5
13:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	1	1	3	9		0	0	0	0	2	6
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	4
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0	0	1	4
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	6		0	0	0	0	1	4
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	3
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	7	0	7	0	9	0	9	0	0	0	0	0	0	0	1	1	17							
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	6							

0	0	0	0
0	0	0	0

10

Peak hour of the intersection

Pk Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7*								
15x4	0	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	12+								
PHF	n/a	0.50	n/a	0.50	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.58								

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

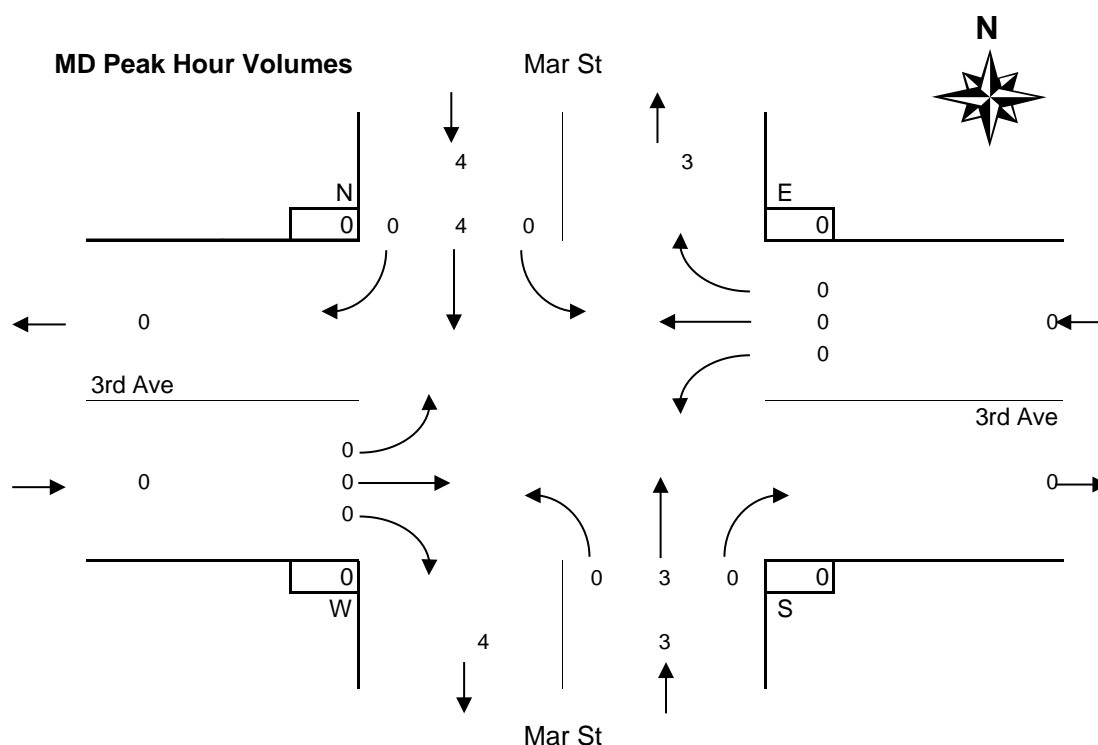
4
8
0.50

Peak hour of conflicting volumes for the intersection

Pk Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	1	1	6*								
15x4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	4	4	12+								
PHF	n/a	0.50	n/a	0.50	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.50								

0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

4
8
0.50



PM Peak Period Utility Trucks

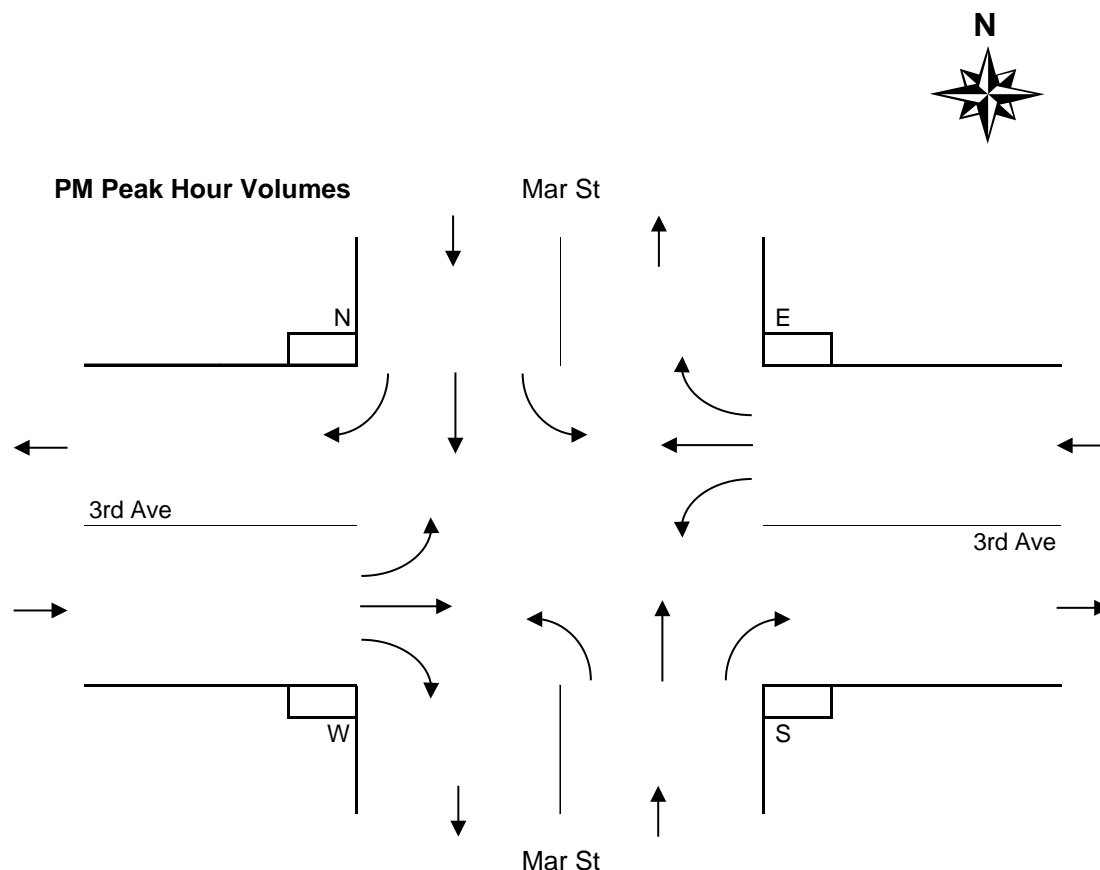
3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Utility Trucks

Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume					
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach									
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E	
Total	0	21	0	21	0	22	0	22	0	0	0	0	0	0	0	2	2	45	0	0	0	0
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	6	0	0	0	0

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	0	14	0	14	0	13	0	13	0	0	0	0	0	0	0	1	1	0	0	0	0
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0

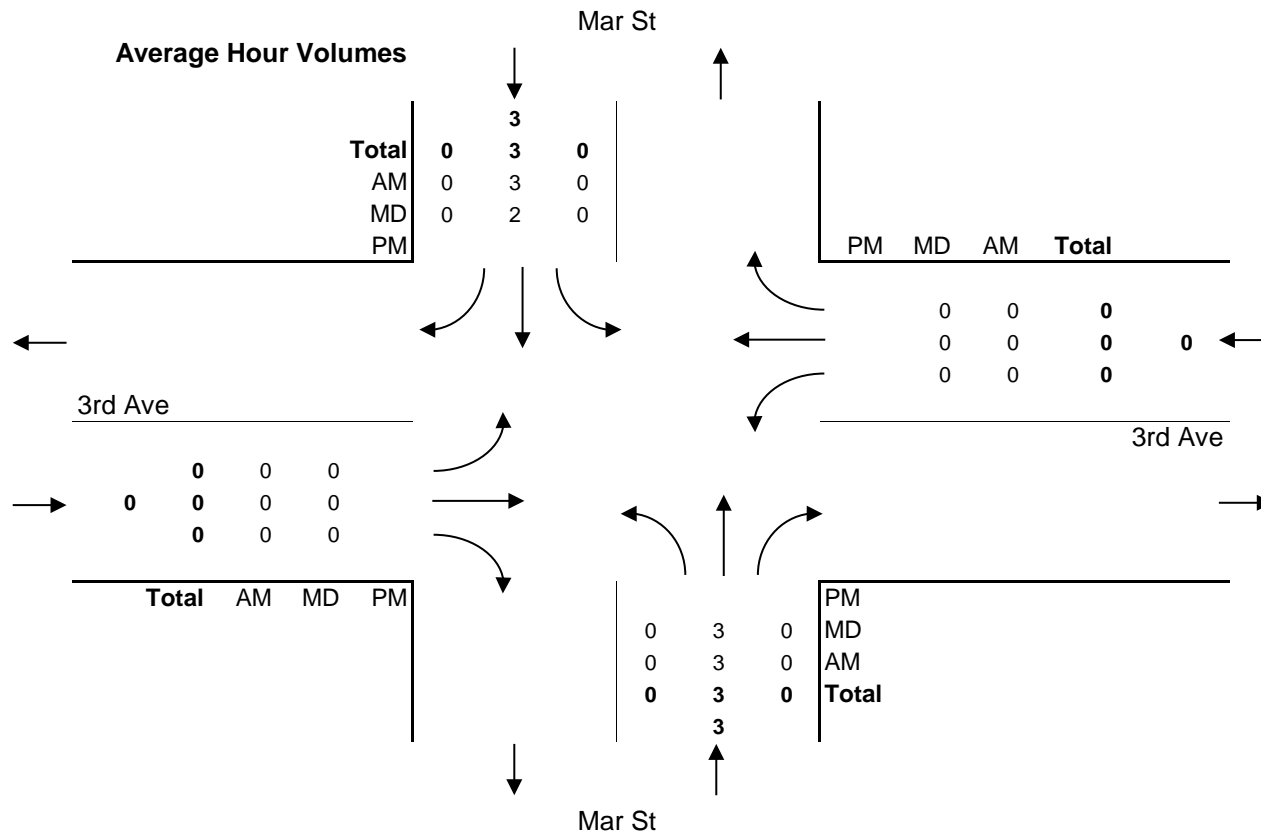
MD Peak Period

3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	7	0	7	0	9	0	9	0	0	0	0	0	0	1	1	17	0	0	0	0
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	6	0	0	0	0

PM Peak Period

Hours

[illegible]

Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx
Location #: 3

Date: September 28, 2017
Day-of-week: Thursday

East/West Route: 3rd Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

Vehicle Classifications: Regular Vehicles **This data is for All Vehicles Combined**
 Buses
 Articulated Trucks
 Cube Trucks
 Dump Trucks
 Emergency Trucks
 Garbage Trucks
 Logging Trucks
 RVs
 Utility Trucks

Shift	Start	End	Duration
AM	7:00	12:00	5.00
MD	12:00	15:00	3.00
PM			
Total	7:00		8.00

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:

3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible]

AM Peak Period
All Vehicles Combined

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St NORTH Approach				Mar St SOUTH Approach				3rd Ave WEST Approach				3rd Ave EAST Approach				Total Volume		deg	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
7:00	0	9	1	10	0	15	0	15	0	0	0	0	1	0	1	2	27			0	0	0	1	16	
7:15	1	14	0	15	0	11	0	11	0	1	0	1	1	0	0	1	28			0	1	0	0	16	
7:30	0	10	1	11	0	22	1	23	2	0	1	3	0	0	2	2	39			0	1	0	2	27	
7:45	0	13	0	13	0	27	0	27	0	0	0	0	0	1	1	2	42	136		3	0	0	0	29	88
8:00	2	19	1	22	1	23	2	26	1	0	0	1	0	0	3	3	52	161		0	0	0	2	31	103
8:15	2	12	1	15	3	26	2	31	2	0	0	2	0	0	3	3	51	184		0	0	1	0	35	122
8:30	2	24	2	28	1	23	3	27	2	0	1	3	1	0	4	5	63	208		0	0	1	2	34	129
8:45	3	30	2	35	3	26	0	29	2	0	2	4	0	0	1	1	69	235		1	2	1	1	38	138
9:00	1	21	0	22	1	27	2	30	1	2	0	3	2	0	4	6	61	244		0	0	1	0	35	142
9:15	5	16	2	23	0	31	1	32	3	0	0	3	1	1	3	5	63	256		0	1	1	3	44	151
9:30	0	22	2	24	0	29	0	29	3	0	1	4	0	0	4	4	61	254		0	0	1	1	36	153
9:45	8	21	3	32	1	33	1	35	2	0	3	5	0	1	10	11	83	268		0	1	2	2	55	170
10:00	5	24	2	31	3	33	1	37	1	0	0	1	0	2	20	22	91	298		1	0	0	1	62	197
10:15	6	24	1	31	0	34	0	34	1	0	0	1	1	1	8	10	76	311		1	0	1	1	50	203
10:30	3	22	0	25	2	38	3	43	1	0	0	1	0	0	9	9	78	328		1	0	1	1	54	221
10:45	4	25	4	33	1	32	1	34	4	2	2	8	1	1	12	14	89	334		0	0	0	0	54	220
11:00	4	20	2	26	1	39	0	40	1	1	1	3	2	0	12	14	83	326	*	0	0	2	1	56	214
11:15	4	18	5	27	1	33	0	34	3	0	2	5	0	0	7	7	73	323	*	1	0	1	0	47	211
11:30	1	23	3	27	1	41	0	42	2	1	1	4	1	0	13	14	87	332	*	0	1	1	0	57	214
11:45	4	30	1	35	5	35	3	43	4	3	0	7	2	2	5	9	94	337	+	0	0	1	0	53	213

Total	55	397	33	485	24	578	20	622	35	10	14	59	13	9	122	144	1310							
Avg Hr	11	79	7	97	5	116	4	124	7	2	3	12	3	2	24	29	262							

8	7	15	18
2	1	3	4

819

Peak hour of the intersection

Pk Hr	13	91	11	115	8	148	3	159	10	5	4	19	5	2	37	44	337	*
15x4	16	120	20	140	20	164	12	172	16	12	8	28	8	8	52	56	376	+
PHF	0.81	0.76	0.55	0.82	0.40	0.90	0.25	0.92	0.63	0.42	0.50	0.68	0.63	0.25	0.71	0.79	0.90	

1	1	5	1
4	4	8	4
0.25	0.25	0.63	0.25

213
268
0.79

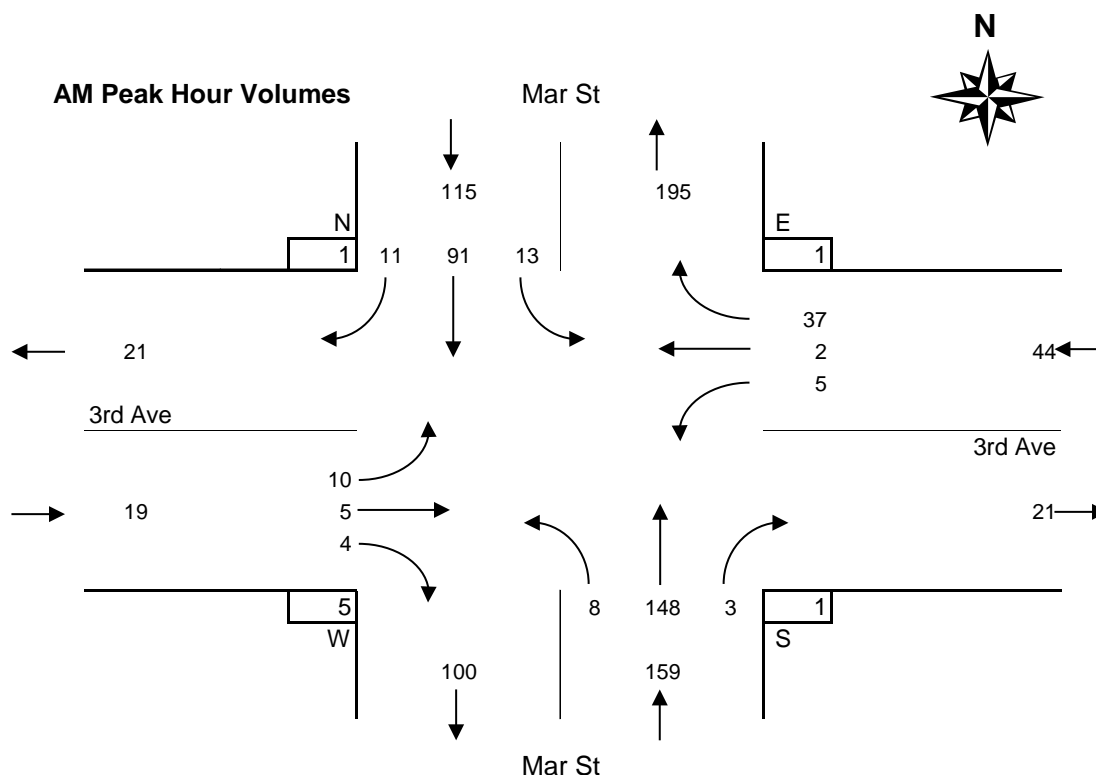
Peak hour of conflicting volumes for the intersection

Pk Hr	22	91	6	119	6	138	5	149	5	0	3	8	1	4	47	52	328	*
15x4	32	96	12	128	12	152	12	172	8	0	12	20	4	8	80	88	364	+
PHF	0.69	0.95	0.50	0.93	0.50	0.91	0.42	0.87	0.63	n/a	0.25	0.40	0.25	0.50	0.59	0.59	0.90	

3	1	4	5
4	4	8	8
0.75	0.25	0.50	0.63

221
292
0.76

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



MD Peak Period
All Vehicles Combined

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Abog PL	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 min	Hr
12:00	7	34	5	46	3	31	3	37	4	2	4	10	0	2	11	13	106			0	2	4	3	59	
12:15	4	25	7	36	0	23	4	27	4	0	1	5	0	2	10	12	80			0	0	0	3	48	
12:30	4	21	3	28	4	32	1	37	0	2	1	3	0	3	12	15	83			1	0	0	1	52	
12:45	11	22	2	35	0	35	3	38	2	2	1	5	0	0	8	8	86	355*		1	1	1	2	59	218
13:00	7	30	5	42	0	34	1	35	1	0	2	3	0	1	6	7	87	336*		2	0	0	5	50	209
13:15	6	28	8	42	2	31	1	34	1	3	2	6	0	2	14	16	98	354*		2	0	0	3	55	216
13:30	4	33	4	41	0	42	3	45	2	3	1	6	2	2	8	12	104	375+		0	0	0	0	61	225
13:45	3	22	2	27	0	32	2	34	1	0	1	2	0	0	14	14	77	366		1	0	1	4	52	218
14:00	2	25	4	31	2	42	0	44	4	0	1	5	0	1	9	10	90	369		1	1	0	5	58	226
14:15	8	32	2	42	1	41	1	43	3	0	1	4	1	2	7	10	99	370		1	0	2	2	62	233
14:30	4	22	4	30	0	39	1	40	0	1	1	2	0	0	9	9	81	347		3	0	2	0	53	225
14:45	3	38	2	43	1	39	1	41	3	1	2	6	2	1	11	14	104	374		0	0	1	5	58	231
n/a																									
n/a																									
n/a																									
n/a																									

Total	63	332	48	443	13	421	21	455	25	14	18	57	5	16	119	140	1095								
Avg Hr	21	111	16	148	4	140	7	152	8	5	6	19	2	5	40	47	365								

12	4	11	33
4	1	4	11

665

Peak hour of the intersection

Pk Hr	28	113	19	160	2	142	8	152	6	8	6	20	2	5	36	43	375*								
15x4	44	132	32	168	8	168	12	180	8	12	8	24	8	8	56	64	416+								
PHF	0.64	0.86	0.59	0.95	0.25	0.85	0.67	0.84	0.75	0.67	0.75	0.83	0.25	0.63	0.64	0.67	0.90								

5	1	1	10
8	4	4	20
0.63	0.25	0.25	0.50

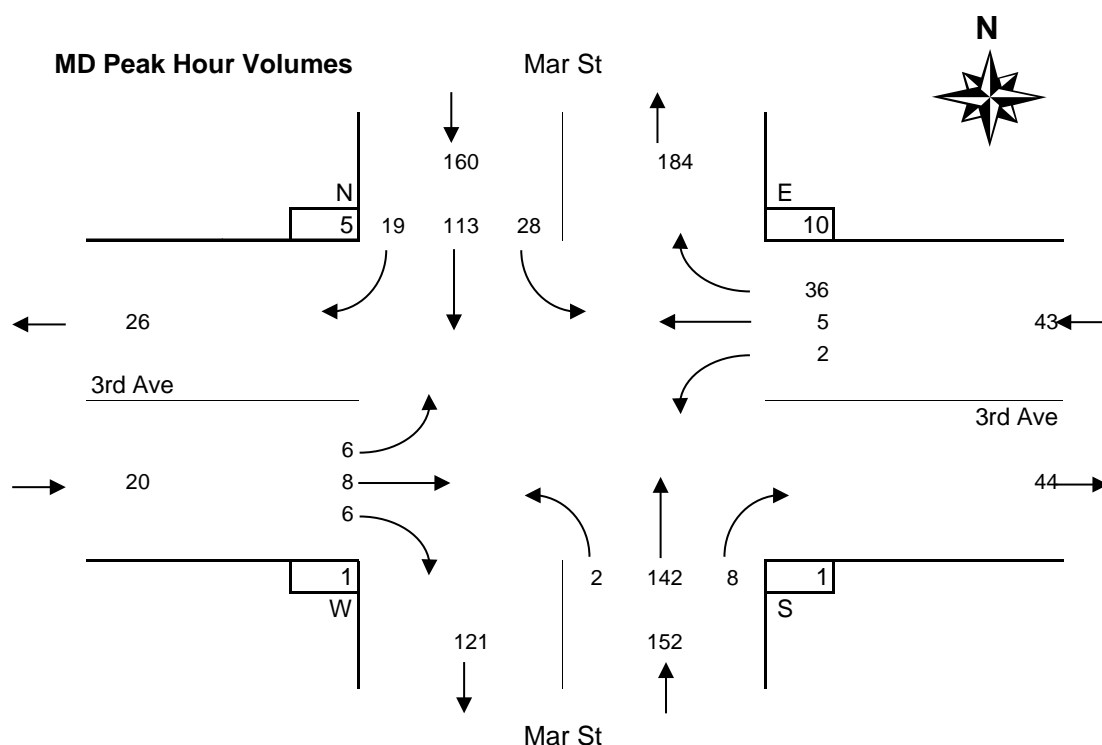
225
296
0.76

Peak hour of conflicting volumes for the intersection

Pk Hr	17	112	12	141	3	157	6	166	10	3	4	17	3	5	38	46	370*								
15x4	32	132	16	168	8	168	12	180	16	12	4	24	8	8	56	56	416+								
PHF	0.53	0.85	0.75	0.84	0.38	0.93	0.50	0.92	0.63	0.25	1.00	0.71	0.38	0.63	0.68	0.82	0.89								

3	1	3	11
4	4	8	20
0.75	0.25	0.38	0.55

233
292
0.80



3rd Avenue @ Mar Street
Thursday, September 28, 2017

[illegible]

Period Hourly Averages
All Vehicles Combined

3rd Avenue @ Mar Street
Thursday, September 28, 2017

Entire Survey Period

8 Hours

	Mar St				Mar St				3rd Ave				3rd 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	118	729	81	928	37	999	41	1077	60	24	32	116	18	25	241	284	2405	20	11	26	51
Avg Hr	15	91	10	116	5	125	5	135	8	3	4	15	2	3	30	36	301	3	1	3	6

AM Peak Period

5 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	55	397	33	485	24	578	20	622	35	10	14	59	13	9	122	144	1310	8	7	15	18
Avg Hr	11	79	7	97	5	116	4	124	7	2	3	12	3	2	24	29	262	2	1	3	4

MD Peak Period

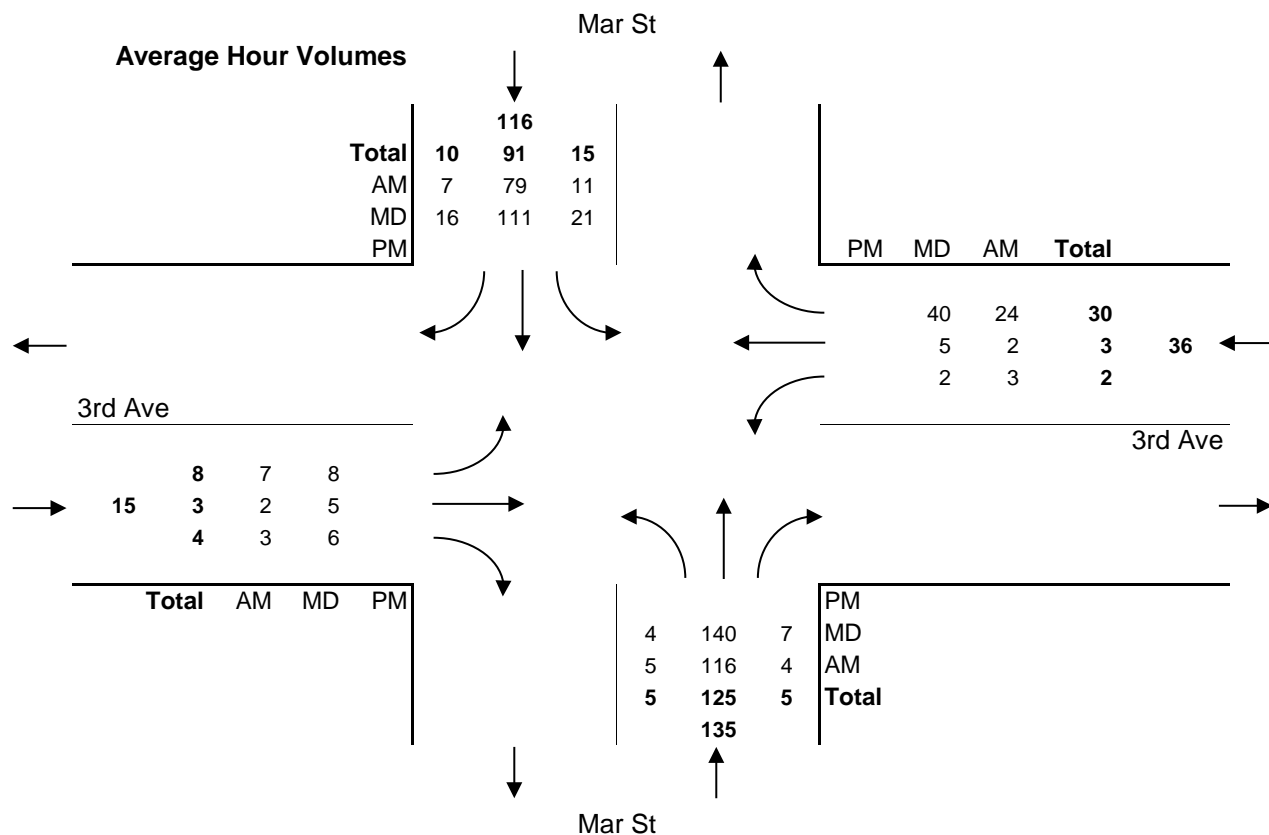
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	63	332	48	443	13	421	21	455	25	14	18	57	5	16	119	140	1095	12	4	11	33
Avg Hr	21	111	16	148	4	140	7	152	8	5	6	19	2	5	40	47	365	4	1	4	11

PM Peak Period

Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					



Data summarized for input into Synchro/HCS

All Vehicles Combined

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	10	5	4	5	2	37	8	148	3	13	91	11
Peak Hour Factor	0.63	0.42	0.50	0.63	0.25	0.71	0.40	0.90	0.25	0.81	0.76	0.55
Total Volume	35	10	14	13	9	122	24	578	20	55	397	33
% of Total Vehicles	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	6	8	6	2	5	36	2	142	8	28	113	19
Peak Hour Factor	0.75	0.67	0.75	0.25	0.63	0.64	0.25	0.85	0.67	0.64	0.86	0.59
Total Volume	25	14	18	5	16	119	13	421	21	63	332	48
% of Total Vehicles	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Regular Vehicles

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	10	5	4	5	2	36	8	129	3	13	84	11
Peak Hour Factor	0.63	0.42	0.50	0.63	0.25	0.69	0.40	0.95	0.25	0.81	0.72	0.55
Total Volume	35	10	11	11	9	118	22	508	19	55	333	32
% of Total Vehicles	100%	100%	79%	85%	100%	97%	92%	88%	95%	100%	84%	97%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	6	8	6	2	5	36	2	125	8	27	98	18
Peak Hour Factor	0.75	0.67	0.75	0.25	0.63	0.64	0.25	0.82	0.67	0.68	0.82	0.56
Total Volume	25	14	18	5	16	117	13	370	20	62	290	46
% of Total Vehicles	100%	100%	100%	100%	100%	98%	100%	88%	95%	98%	87%	96%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Buses

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	2	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a
Total Volume	0	0	1	1	0	0	0	10	0	0	1	1
% of Total Vehicles	0%	0%	7%	8%	0%	0%	0%	2%	0%	0%	0%	3%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	3	0	0	1	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38	n/a	n/a	0.25	n/a
Total Volume	0	0	0	0	0	0	0	6	0	0	1	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Articulated Trucks**AM**

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	3	0	0	1	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75	n/a	n/a	0.25	n/a
Total Volume	0	0	0	0	0	0	0	7	0	0	9	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	2%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	2	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a
Total Volume	0	0	0	0	0	0	0	8	0	0	5	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	2%	0%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Cube Trucks**AM**

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	1	0	0	0	0	0	0

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Garbage Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	0	0	1	0	1	1	0	0	0	2	0
% of Total Vehicles	0%	0%	0%	8%	0%	1%	4%	0%	0%	0%	1%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	1	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a
Total Volume	0	0	0	0	0	0	0	3	0	0	0	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Logging Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	4	0	0	1	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50	n/a	n/a	0.25	n/a
Total Volume	0	0	0	0	0	0	0	17	0	0	17	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	4%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	4	0	0	5	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.33	n/a	n/a	0.63	n/a

Total Volume	0	0	0	0	0	0	0	8	0	0	12	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	4%	0%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

RVs

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	1	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a
Total Volume	0	0	0	0	0	0	0	1	0	0	0	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	0	0	1	1	1
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.25
Total Volume	0	0	0	0	0	1	0	1	0	1	1	1
% of Total Vehicles	0%	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	2%

PM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)												
Peak Hour Factor												
Total Volume												
% of Total Vehicles	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Utility Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	5	0	0	2	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63	n/a	n/a	0.50	n/a
Total Volume	0	0	0	0	0	1	0	13	0	0	14	0
% of Total Vehicles	0%	0%	0%	0%	0%	1%	0%	2%	0%	0%	4%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	3	0	0	4	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75	n/a	n/a	0.50	n/a
Total Volume	0	0	0	0	0	1	0	9	0	0	7	0
% of Total Vehicles	0%	0%	0%	0%	0%	1%	0%	2%	0%	0%	2%	0%

PM

[illegible]