

Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave						Peak				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total Volume			Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	6	0	6	0	19	0	19	0	0	0	0	0	0	0	0	25			0	0	0	0
7:15	0	12	0	12	1	12	0	13	0	0	0	0	0	1	0	1	26			0	0	0	1
7:30	2	10	0	12	0	17	0	17	1	2	0	3	0	0	1	1	33			0	0	2	1
7:45	1	12	0	13	0	27	1	28	1	0	1	2	0	0	2	2	45	129		0	0	0	1
8:00	1	11	0	12	1	24	1	26	2	0	0	2	0	0	1	1	41	145		0	2	0	0
8:15	3	10	0	13	2	25	1	28	0	0	0	0	1	0	1	2	43	162		1	0	1	0
8:30	2	13	2	17	2	23	2	27	0	2	1	3	0	1	3	4	51	180		0	0	0	0
8:45	3	20	0	23	1	32	3	36	2	1	2	5	0	0	7	7	71	206		0	0	2	2
9:00	3	15	1	19	0	19	3	22	1	2	1	4	0	0	7	7	52	217		0	0	0	7
9:15	4	28	5	37	1	29	1	31	3	0	1	4	0	1	4	5	77	251		0	0	1	4
9:30	2	15	7	24	0	24	1	25	2	0	1	3	0	1	9	10	62	262		2	1	1	4
9:45	7	27	4	38	0	30	4	34	2	3	0	5	1	0	13	14	91	282		1	0	2	1
10:00	6	18	3	27	1	32	2	35	2	0	0	2	0	0	13	13	77	307		1	2	2	5
10:15	6	27	7	40	0	34	4	38	1	1	1	3	0	0	9	9	90	320	+	0	4	5	4
10:30	2	18	4	24	0	24	1	25	3	3	0	6	3	0	10	13	68	326	*	1	0	0	1
10:45	6	17	1	24	6	33	4	43	3	3	0	6	0	2	15	17	90	325	*	0	0	1	2
11:00	4	16	0	20	2	40	1	43	2	2	2	6	1	1	10	12	81	329	*	0	1	1	0
11:15	3	14	0	17	0	24	0	24	2	0	0	2	0	0	14	14	57	296		2	0	1	1
11:30	2	21	0	23	2	30	2	34	2	2	2	6	1	1	12	14	77	305		1	1	0	4
11:45	10	24	0	34	6	39	1	46	6	0	0	6	1	0	16	17	103	318		0	0	1	0
Total	67	334	34	435	25	537	32	594	35	21	12	68	8	8	147	163	1260			9	11	20	38

12:00	4	21	6	31	2	29	0	31	3	1	4	8	0	0	10	10	80			1	2	0	2
12:15	3	25	4	32	0	32	1	33	0	1	1	2	1	0	12	13	80			2	1	1	2
12:30	4	20	3	27	2	27	2	31	2	1	1	4	2	1	9	12	74			0	0	0	0
12:45	10	21	5	36	2	30	1	33	5	0	3	8	1	0	7	8	85	319		0	0	4	2
13:00	6	26	4	36	1	32	1	34	7	1	3	11	0	1	19	20	101	340		3	1	3	4
13:15	3	29	2	34	2	33	3	38	0	2	2	4	1	1	16	18	94	354		1	0	2	1
13:30	5	28	4	37	3	17	0	20	2	0	0	2	1	0	8	9	68	348		0	0	0	2
13:45	8	23	3	34	1	37	0	38	3	4	2	9	0	0	9	9	90	353		0	0	0	0
14:00	4	20	1	25	0	28	3	31	4	0	1	5	2	1	16	19	80	332	*	3	1	2	6
14:15	10	17	2	29	2	41	4	47	2	0	3	5	1	0	8	9	90	328	*	1	1	4	2
14:30	5	26	1	32	1	29	0	30	3	2	0	5	0	0	12	12	79	339	*	0	2	0	2
14:45	4	30	2	36	3	42	0	45	1	0	4	5	1	3	8	12	98	347	+	1	0	3	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	66	286	37	389	19	377	15	411	32	12	24	68	10	7	134	151	1019			12	8	19	23

[illegible]

AM Peak Period
Regular Vehicles

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Acc ID	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	6	0	6	0	19	0	19	0	0	0	0	0	0	0	0	25			0	0	0	0	19	
7:15	0	12	0	12	1	12	0	13	0	0	0	0	0	1	0	1	26			0	0	0	1	14	
7:30	2	10	0	12	0	17	0	17	1	2	0	3	0	0	1	1	33			0	0	2	1	21	
7:45	1	12	0	13	0	27	1	28	1	0	1	2	0	0	2	2	45	129		0	0	0	1	32	86
8:00	1	11	0	12	1	24	1	26	2	0	0	2	0	0	1	1	41	145		0	2	0	0	29	96
8:15	3	10	0	13	2	25	1	28	0	0	0	0	1	0	1	2	43	162		1	0	1	0	30	112
8:30	2	13	2	17	2	23	2	27	0	2	1	3	0	1	3	4	51	180		0	0	0	0	31	122
8:45	3	20	0	23	1	32	3	36	2	1	2	5	0	0	7	7	71	206		0	0	2	2	47	137
9:00	3	15	1	19	0	19	3	22	1	2	1	4	0	0	7	7	52	217		0	0	0	7	33	141
9:15	4	28	5	37	1	29	1	31	3	0	1	4	0	1	4	5	77	251		0	0	1	4	42	153
9:30	2	15	7	24	0	24	1	25	2	0	1	3	0	1	9	10	62	262		2	1	1	4	39	161
9:45	7	27	4	38	0	30	4	34	2	3	0	5	1	0	13	14	91	282		1	0	2	1	56	170
10:00	6	18	3	27	1	32	2	35	2	0	0	2	0	0	13	13	77	307		1	2	2	5	55	192
10:15	6	27	7	40	0	34	4	38	1	1	1	3	0	0	9	9	90	320	+	0	4	5	4	54	204
10:30	2	18	4	24	0	24	1	25	3	3	0	6	3	0	10	13	68	326	*	1	0	0	1	40	205
10:45	6	17	1	24	6	33	4	43	3	3	0	6	0	2	15	17	90	325	*	0	0	1	2	63	212
11:00	4	16	0	20	2	40	1	43	2	2	2	6	1	1	10	12	81	329	*	0	1	1	0	58	215
11:15	3	14	0	17	0	24	0	24	2	0	0	2	0	0	14	14	57	296		2	0	1	1	43	204
11:30	2	21	0	23	2	30	2	34	2	2	2	6	1	1	12	14	77	305		1	1	0	4	49	213
11:45	10	24	0	34	6	39	1	46	6	0	0	6	1	0	16	17	103	318		0	0	1	0	72	222

Total	67	334	34	435	25	537	32	594	35	21	12	68	8	8	147	163	1260								
Avg Hr	13	67	7	87	5	107	6	119	7	4	2	14	2	2	29	33	252								

9	11	20	38	826
2	2	4	8	

Peak hour of the intersection

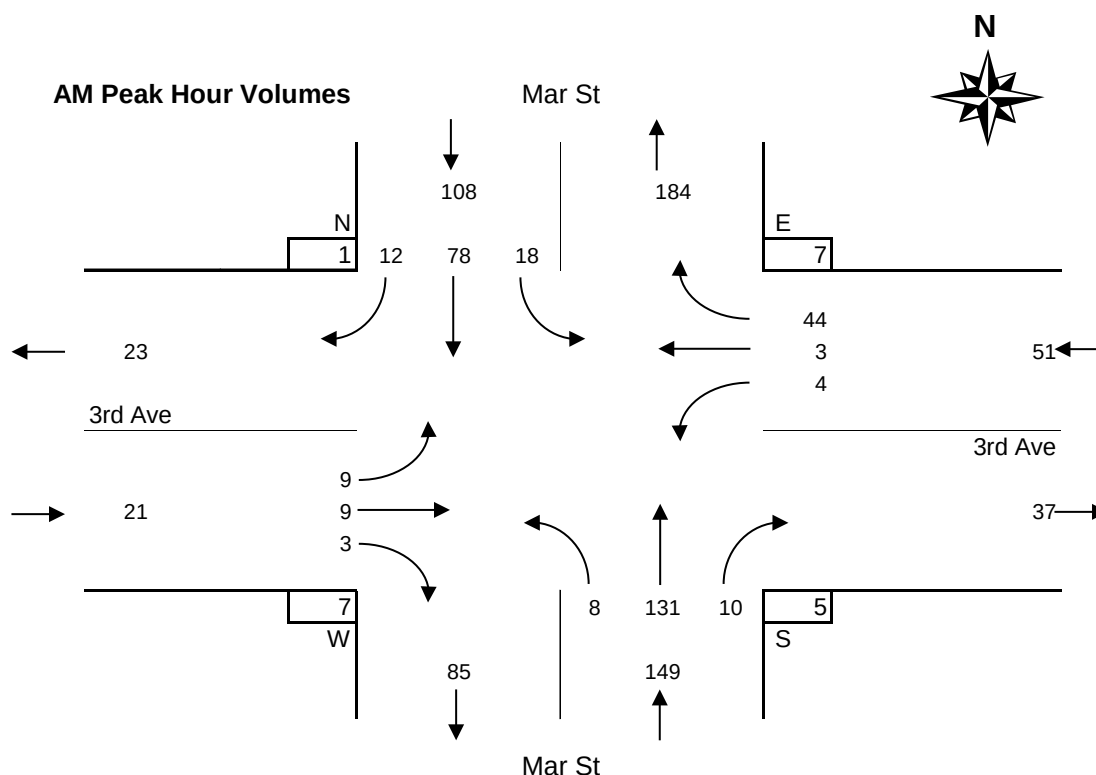
Pk Hr	18	78	12	108	8	131	10	149	9	9	3	21	4	3	44	51	329	*
15x4	24	108	28	160	24	160	16	172	12	12	8	24	12	8	60	68	360	+
PHF	0.75	0.72	0.43	0.68	0.33	0.82	0.63	0.87	0.75	0.75	0.38	0.88	0.33	0.38	0.73	0.75	0.91	

1	5	7	7	215
4	16	20	16	280
0.25	0.31	0.35	0.44	0.77

Peak hour of conflicting volumes for the intersection

Pk Hr	19	75	0	94	10	133	4	147	12	4	4	20	3	2	52	57	318	*
15x4	40	96	0	136	24	160	8	184	24	8	8	24	4	4	64	68	412	+
PHF	0.48	0.78	n/a	0.69	0.42	0.83	0.50	0.80	0.50	0.50	0.50	0.83	0.75	0.50	0.81	0.84	0.77	

3	2	3	5	222
8	4	4	16	300
0.38	0.50	0.75	0.31	0.74



MD Peak Period
Regular Vehicles

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak	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
12:00	4	21	6	31	2	29	0	31	3	1	4	8	0	0	10	10	80			1	2	0	2	46	
12:15	3	25	4	32	0	32	1	33	0	1	1	2	1	0	12	13	80			2	1	1	2	48	
12:30	4	20	3	27	2	27	2	31	2	1	1	4	2	1	9	12	74			0	0	0	0	45	
12:45	10	21	5	36	2	30	1	33	5	0	3	8	1	0	7	8	85	319		0	0	4	2	53	192
13:00	6	26	4	36	1	32	1	34	7	1	3	11	0	1	19	20	101	340		3	1	3	4	66	212
13:15	3	29	2	34	2	33	3	38	0	2	2	4	1	1	16	18	94	354		1	0	2	1	56	220
13:30	5	28	4	37	3	17	0	20	2	0	0	2	1	0	8	9	68	348		0	0	0	2	45	220
13:45	8	23	3	34	1	37	0	38	3	4	2	9	0	0	9	9	90	353		0	0	0	0	57	224
14:00	4	20	1	25	0	28	3	31	4	0	1	5	2	1	16	19	80	332*		3	1	2	6	56	214
14:15	10	17	2	29	2	41	4	47	2	0	3	5	1	0	8	9	90	328*		1	1	4	2	65	223
14:30	5	26	1	32	1	29	0	30	3	2	0	5	0	0	12	12	79	339*		0	2	0	2	49	227
14:45	4	30	2	36	3	42	0	45	1	0	4	5	1	3	8	12	98	347+		1	0	3	0	58	228
n/a																									
n/a																									
n/a																									
n/a																									

Total	66	286	37	389	19	377	15	411	32	12	24	68	10	7	134	151	1019								
Avg Hr	22	95	12	130	6	126	5	137	11	4	8	23	3	2	45	50	340								

12	8	19	23
4	3	6	8

631

Peak hour of the intersection

Pk Hr	23	93	6	122	6	140	7	153	10	2	8	20	4	4	44	52	347*
15x4	40	120	8	144	12	168	16	188	16	8	16	20	8	12	64	76	392+
PHF	0.58	0.78	0.75	0.85	0.50	0.83	0.44	0.81	0.63	0.25	0.50	1.00	0.50	0.33	0.69	0.68	0.89

5	4	9	10
12	8	16	24
0.42	0.50	0.56	0.42

228
316
0.72

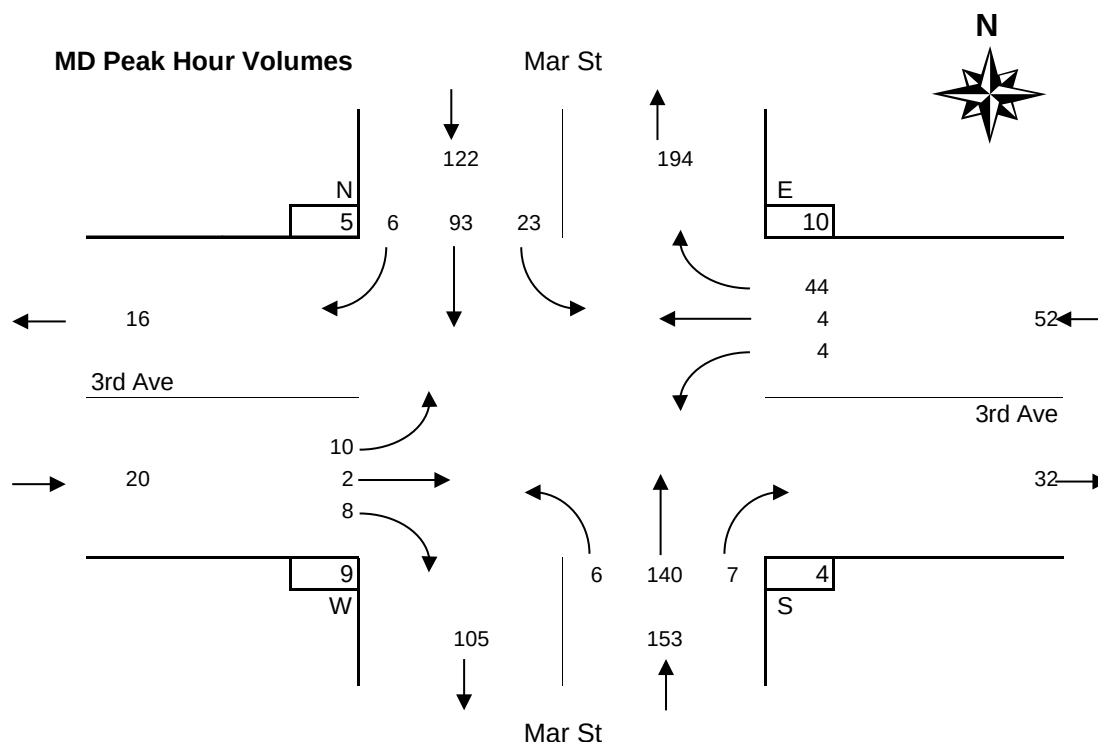
Peak hour of conflicting volumes for the intersection

Pk Hr	23	93	6	122	6	140	7	153	10	2	8	20	4	4	44	52	347*
15x4	40	120	8	144	12	168	16	188	16	8	16	20	8	12	64	76	392+
PHF	0.58	0.78	0.75	0.85	0.50	0.83	0.44	0.81	0.63	0.25	0.50	1.00	0.50	0.33	0.69	0.68	0.89

5	4	9	10
12	8	16	24
0.42	0.50	0.56	0.42

228
316
0.72

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



PM Peak Period Regular Vehicles

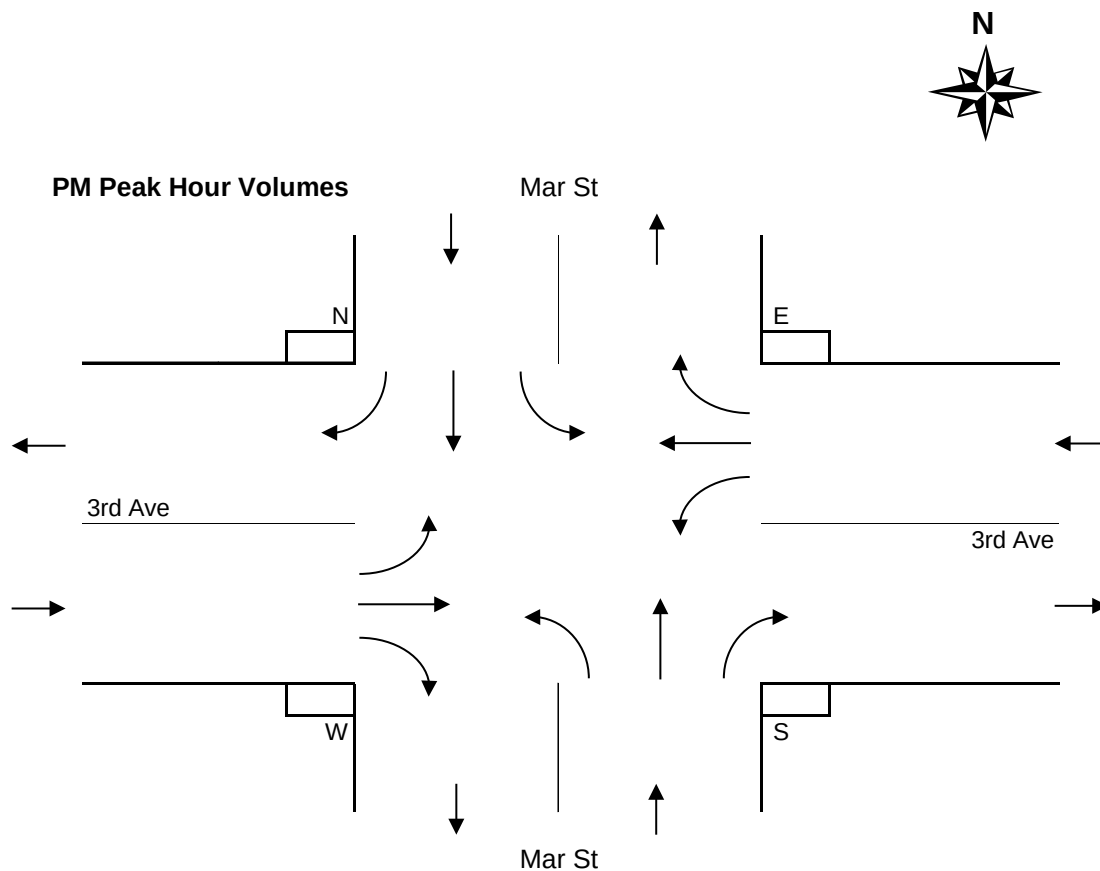
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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
Wednesday, September 27, 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	133	620	71	824	44	914	47	1005	67	33	36	136	18	15	281	314	2279	21	19	39	61
Avg Hr	17	78	9	103	6	114	6	126	8	4	5	17	2	2	35	39	285	3	2	5	8

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	9	11	20	38	
Period	67	334	34	435	25	537	32	594	35	21	12	68	8	8	147	163	2	2	4	8	
Avg Hr	13	67	7	87	5	107	6	119	7	4	2	14	2	2	29	33	2	2	4	8	

MD Peak Period

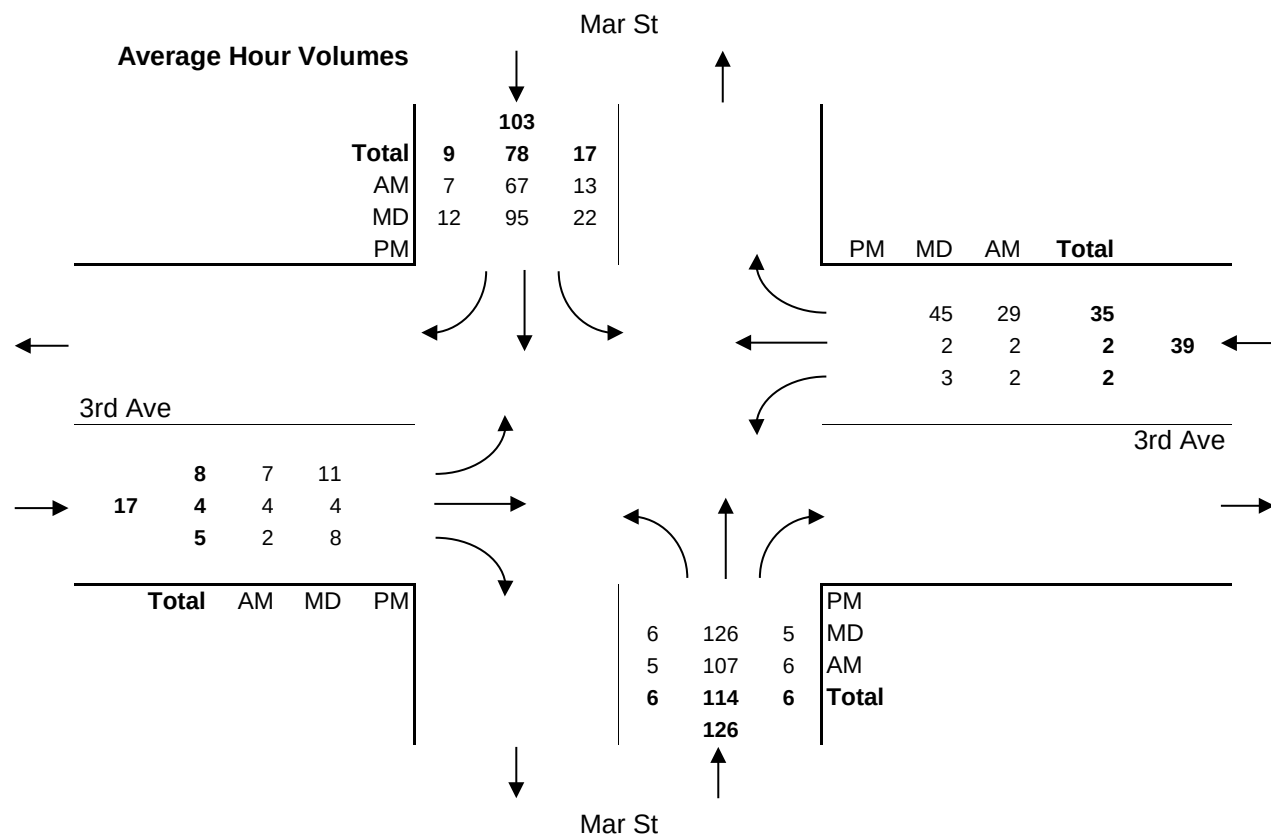
3 Hours

	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	66	286	37	389	19	377	15	411	32	12	24	68	10	7	134	151	1019				
Avg Hr	22	95	12	130	6	126	5	137	11	4	8	23	3	2	45	50	340				

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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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

Wednesday, September 27, 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	1	0	1	0	0	0	0	0	0	0	0	0			0	0	0	0
7:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		2	0	0	0	0
8:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		3	0	0	0	0
8:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0		5	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4	0	0	0	0
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		4	0	0	0	0
9:00	0	1	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0		2	0	0	0	0
9:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		3	0	0	0	0
9:45	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		2	0	0	0	0
10:15	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	*	1	0	0	0	0
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	*	2	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		1	0	0	0	0
11:30	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0		3	0	0	0	0
11:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		3	0	0	0	0
Total	0	3	0	3	0	9	1	10	0	0	0	0	0	0	0	0	0		13	0	0	0	0

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

[illegible]

AM Peak Period
Buses

3rd Avenue @ Mar Street
Wednesday, September 27, 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	
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	1			0	0	0	0	1	
7:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
8:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
8:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	5		0	0	0	0	1	4
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	3
9:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	3
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	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
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	1	2		0	0	0	0	1	2
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	1	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	1	1	2	0	0	0	0	0	0	0	0	2	3		0	0	0	0	2	3
11:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3

Total	0	3	0	3	0	9	1	10	0	0	0	0	0	0	0	0	13							
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3							

0	0	0	0		10
0	0	0	0		

Peak hour of the intersection

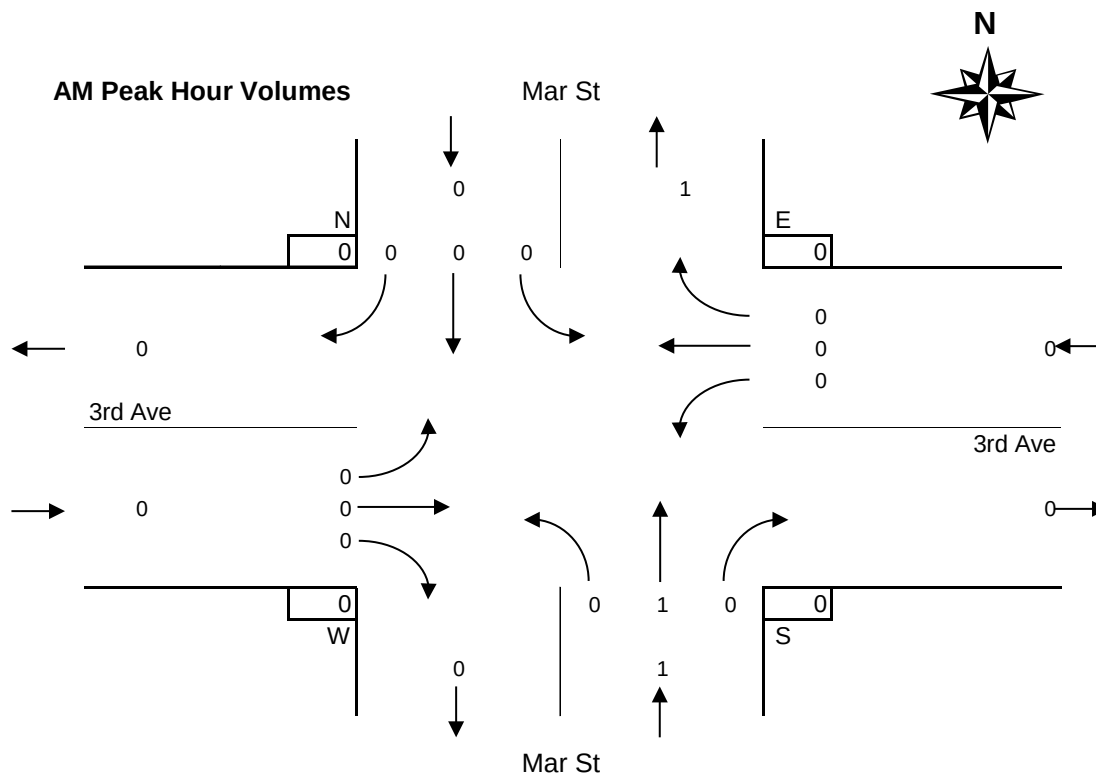
Pk Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1*							
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4+							
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25							

0	0	0	0		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	1	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3*							
15x4	0	4	0	4	0	4	4	8	0	0	0	0	0	0	0	0	8+							
PHF	n/a	0.25	n/a	0.25	n/a	0.25	0.25	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38							

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



MD Peak Period
Buses

3rd Avenue @ Mar Street
Wednesday, September 27, 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	1	0	1	0	0	0	0	0	0	0	0	0	2		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	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	1	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	1		0	0	0	0	0	1
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
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	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1
14:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2*		0	0	0	0	1	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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3+		0	0	0	0	1	2
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	2	0	2	0	5	0	5	0	0	0	0	0	0	0	0	7	
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	2	

0	0	0	0
0	0	0	0

5

Peak hour of the intersection

Pk Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3*
15x4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8+
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	0.38

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

2
4
0.50

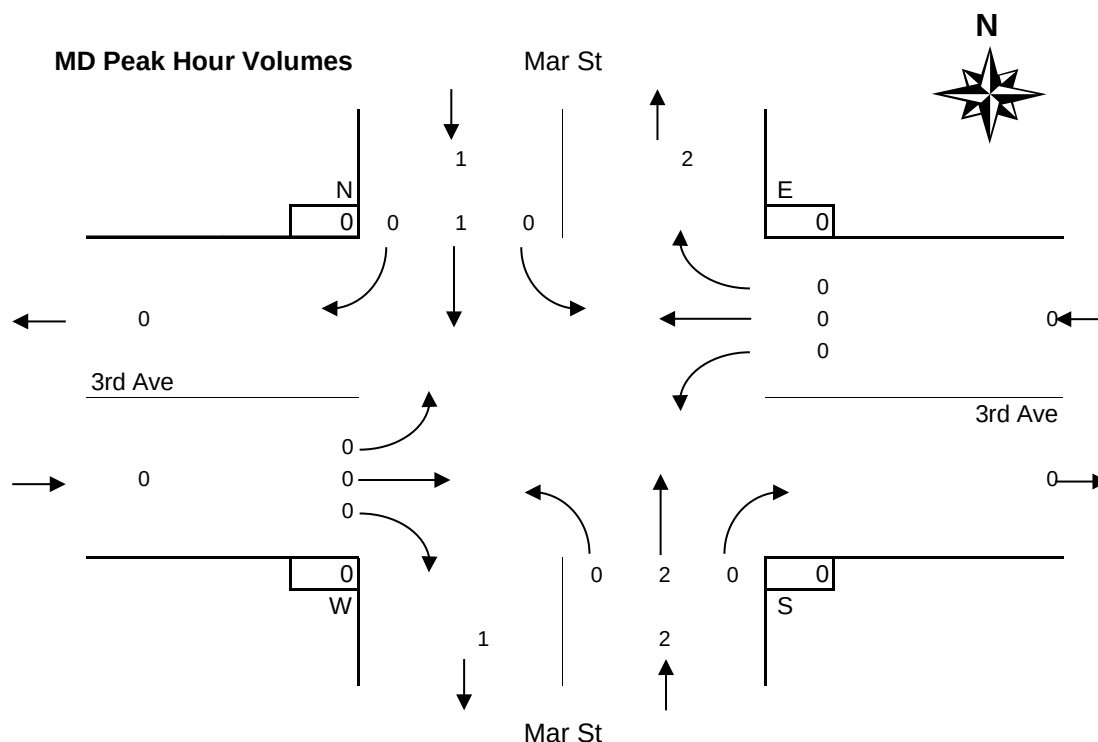
Peak hour of conflicting volumes for the intersection

Pk Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3*
15x4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8+
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	0.38

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

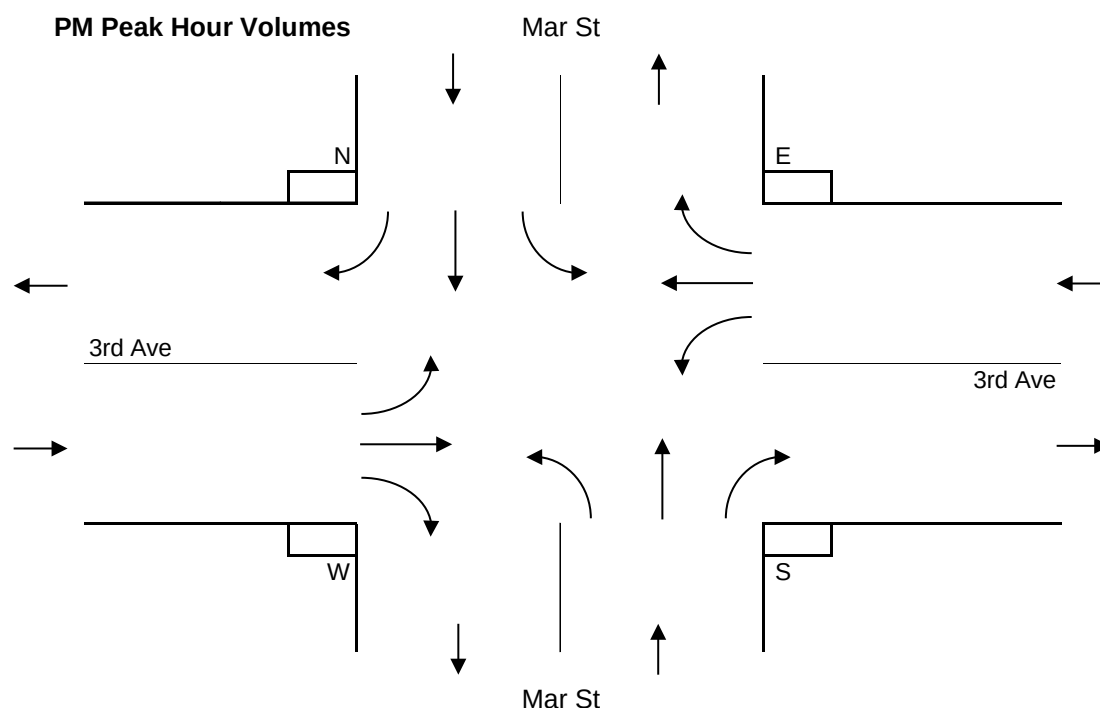
2
4
0.50

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



Buses

Wednesday, September 27, 2017

[illegible]

Period Hourly Averages

Buses

3rd Avenue @ Mar Street

Wednesday, September 27, 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	5	0	5	0	14	1	15	0	0	0	0	0	0	0	0	20	0	0	0	0
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	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	3	0	3	0	9	1	10	0	0	0	0	0	0	0	0	13	0	0	0	0
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0

MD Peak Period

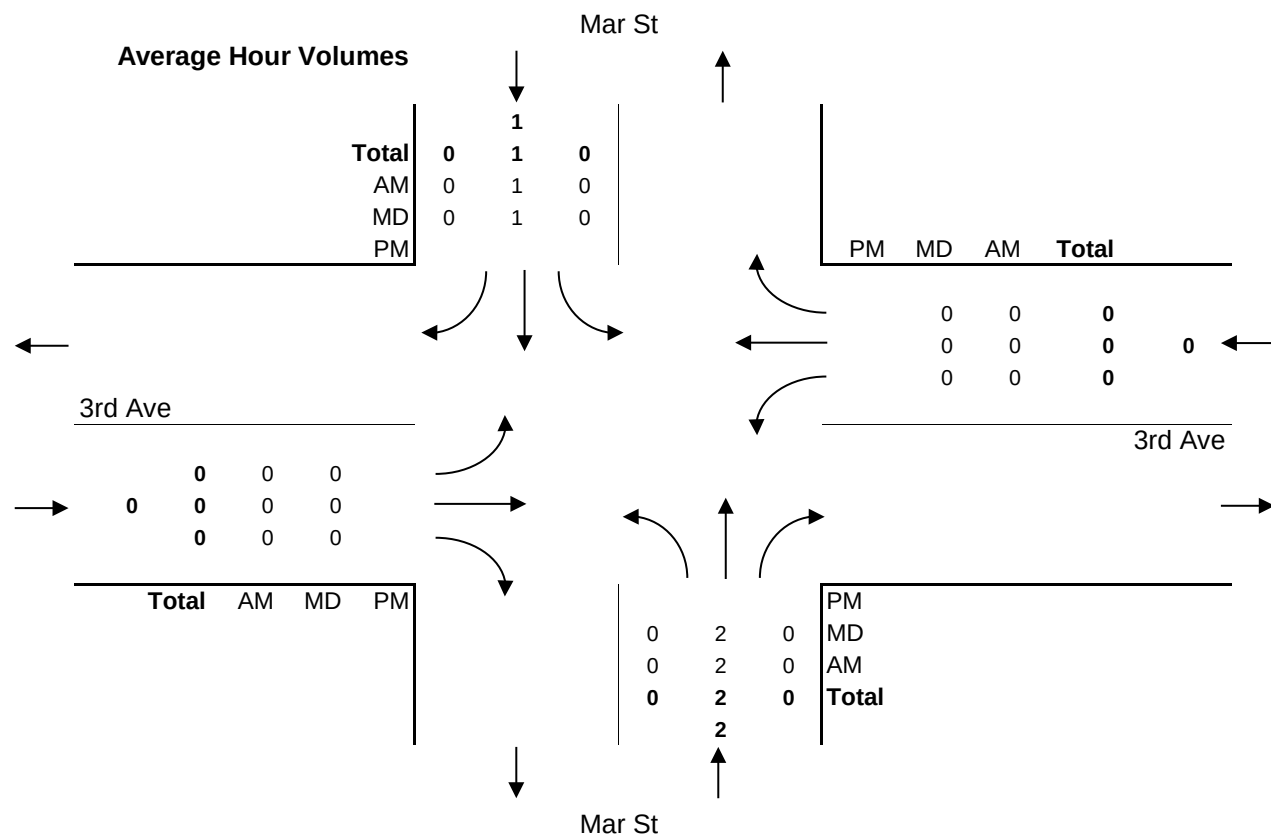
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total 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	2	0	2	0	5	0	5	0	0	0	0	0	0	0	0	7	0	0	0	0
Avg Hr	0	1	0	1	0	2	0	2	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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	1	0	1	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
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	1	2		0	0	0	0
8:00	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	1		0	0	0	0
8:30	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	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	2		0	0	0	0
9:45	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	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
10:15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	+	0	0	0	0
10:30	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	4	*	0	0	0	0
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5	*	0	0	0	0
11:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	7	*	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0
11:30	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	1	1	0	0	0	0	1	3		0	0	0	0
Total	2	4	0	6	0	5	0	5	0	0	1	1	0	0	0	0	12			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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
12:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3		0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
13:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	5	0	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	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
14:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3*	0	0	0	0
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3*	0	0	0	0
14:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	5*	0	0	0	0
14:45	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	8+	0	0	0	0
n/a																						
n/a																						
n/a																						
n/a																						
Total	1	5	0	6	0	9	0	9	0	0	0	0	0	0	0	0	15		0	0	0	0

[illegible]

AM Peak Period
Articulated Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	1	0	1	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	
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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	2		0	0	0	0	1	1
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	1
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	1
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	1
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1 ⁺		0	0	0	0	1	1
10:30	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	4 [*]		0	0	0	0	2	3
10:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5 [*]		0	0	0	0	1	4
11:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	7 [*]		0	0	0	0	2	6
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	5
11:30	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	1	1	0	0	0	0	1	3		0	0	0	0	1	3

Total	2	4	0	6	0	5	0	5	0	0	1	1	0	0	0	0	12								
Avg Hr	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2								

0	0	0	0		8
0	0	0	0		

Peak hour of the intersection

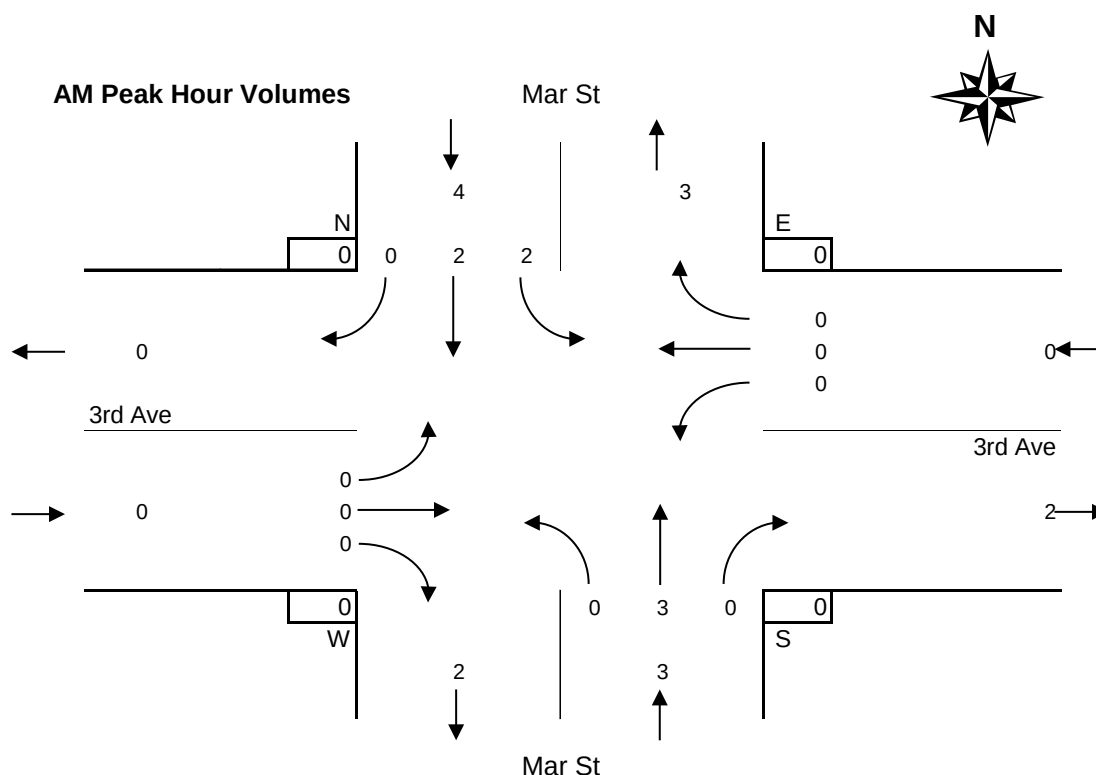
Pk Hr	2	2	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7*								
15x4	4	8	0	12	0	8	0	8	0	0	0	0	0	0	0	0	12+								
PHF	0.50	0.25	n/a	0.33	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.58								

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

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	2	0	2	0	0	1	1	0	0	0	0	3*								
15x4	0	0	0	0	0	8	0	8	0	0	4	4	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	0.25	0.25	n/a	n/a	n/a	n/a	0.38								

0	0	0	0		3
0	0	0	0		12
n/a	n/a	n/a	n/a		0.25



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

Total	1	5	0	6	0	9	0	9	0	0	0	0	0	0	0	0	15								
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	5								

0	0	0	0
0	0	0	0

10

Peak hour of the intersection

Pk Hr	1	2	0	3	0	5	0	5	0	0	0	0	0	0	0	0	8*
15x4	4	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	12+
PHF	0.25	0.50	n/a	0.75	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.67

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

6
12
0.50

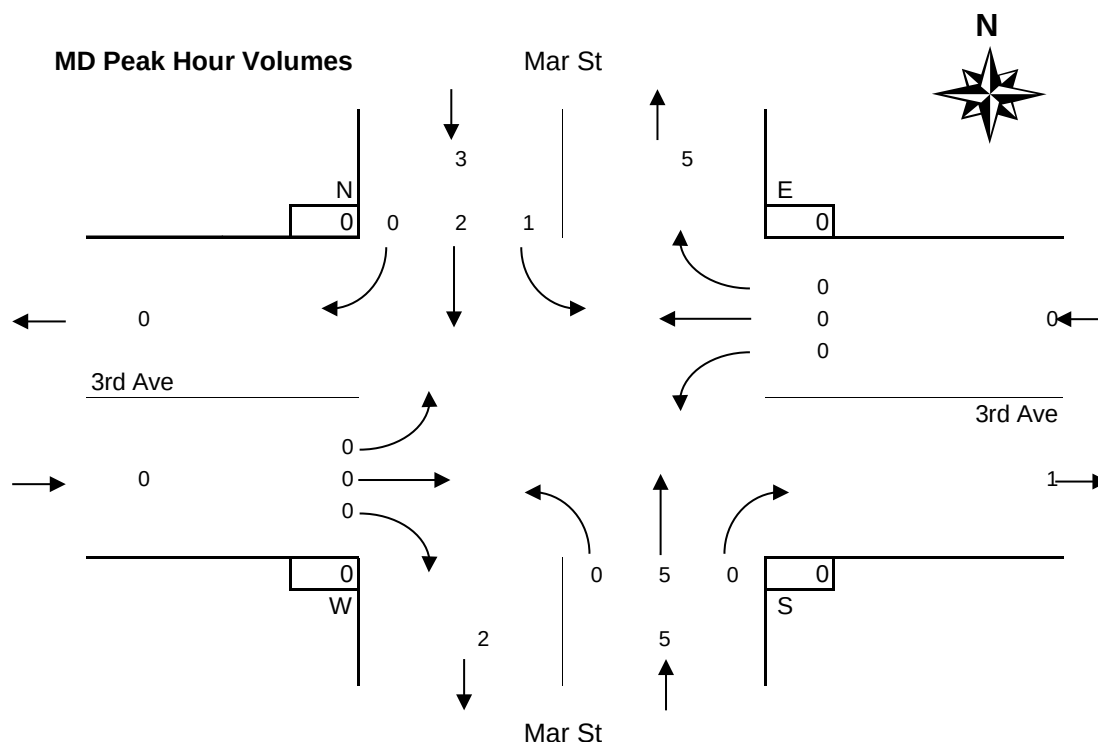
Peak hour of conflicting volumes for the intersection

Pk Hr	1	2	0	3	0	5	0	5	0	0	0	0	0	0	0	0	8*
15x4	4	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	12+
PHF	0.25	0.50	n/a	0.75	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.67

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

6
12
0.50

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



PM Peak Period Articulated Trucks

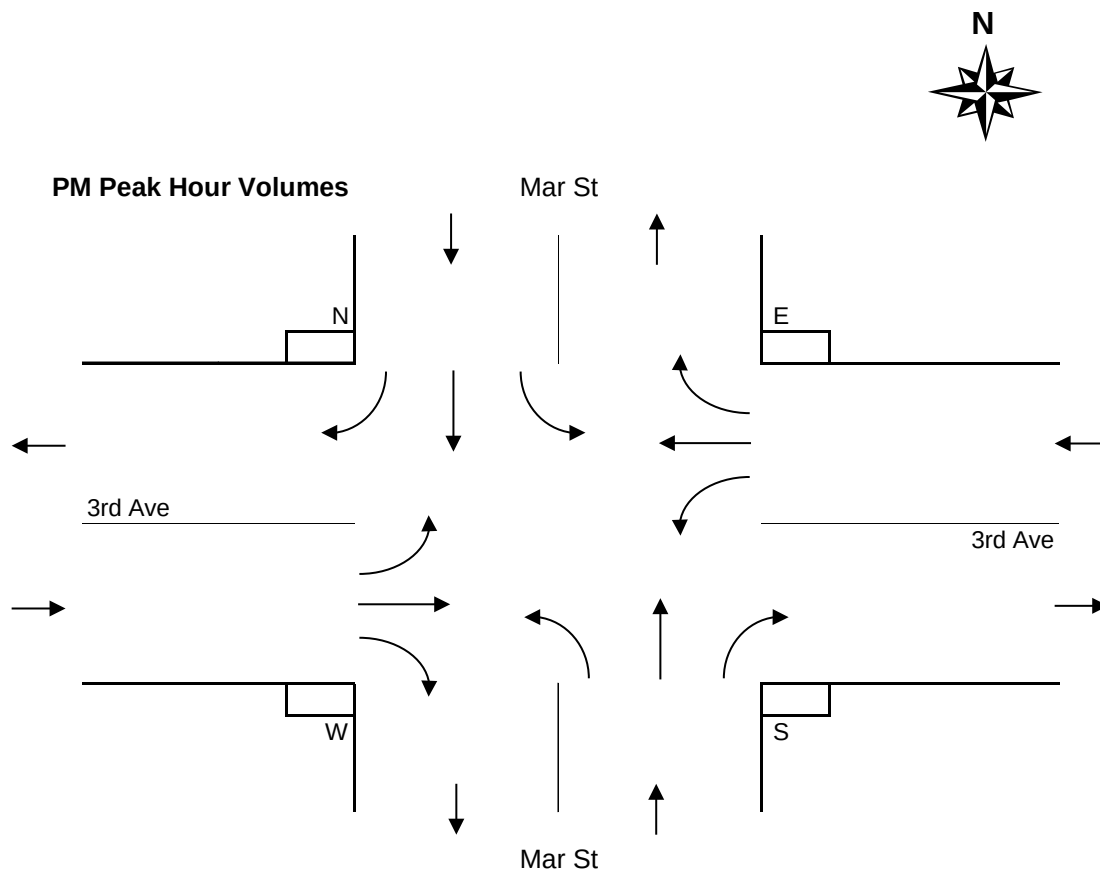
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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
Wednesday, September 27, 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	3	9	0	12	0	14	0	14	0	0	1	1	0	0	0	0	27	0	0	0	0
Avg Hr	0	1	0	2	0	2	0	2	0	0	0	0	0	0	0	0	3	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	2	4	0	6	0	5	0	5	0	0	1	1	0	0	0	0	12	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

MD Peak Period

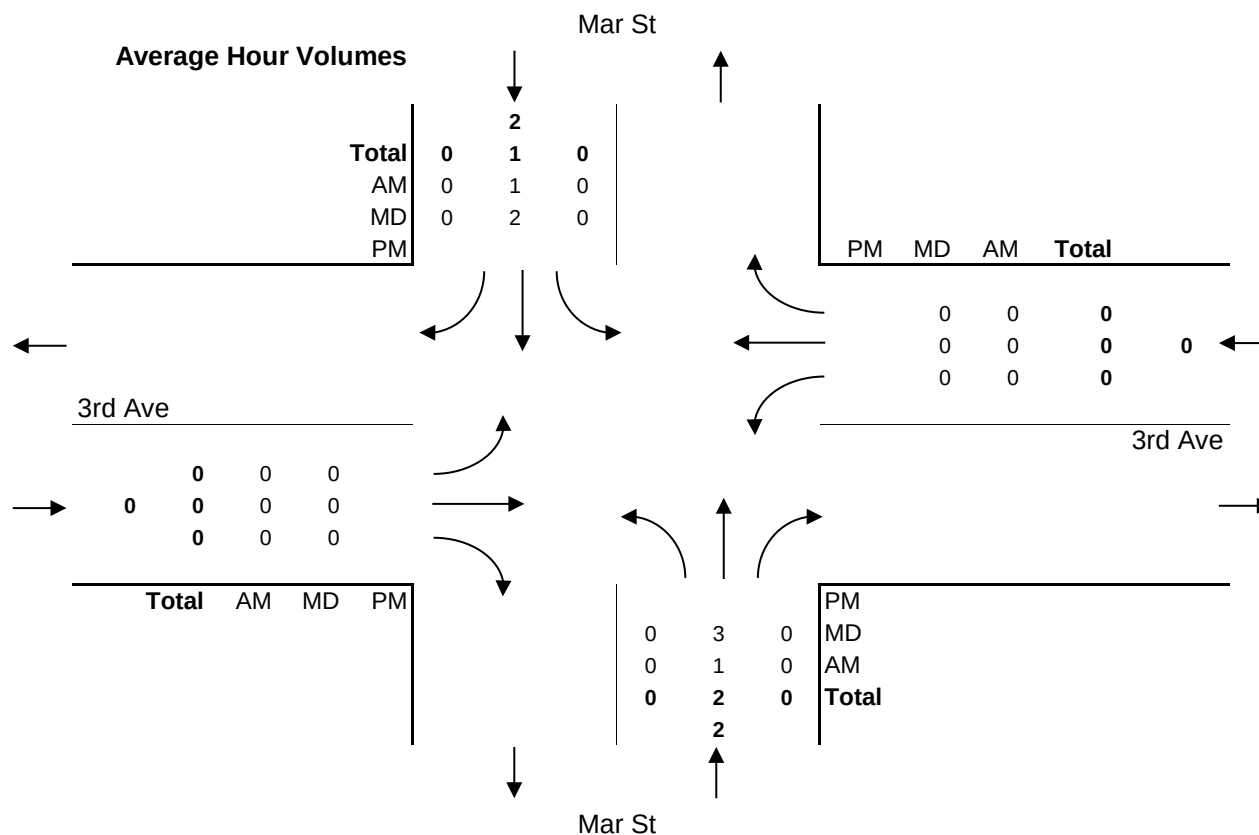
3 Hours

	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	1	5	0	6	0	9	0	9	0	0	0	0	0	0	0	0	15				
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	5				

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 27, 2017.xlsx
 Location #: 3

Date: September 27, 2017
 Day-of-week: Wednesday

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

Wednesday, September 27, 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	1	1	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
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	1	2		0	0	0	0
8:00	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	1		0	0	0	0
8:30	0	1	0	1	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	1		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	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
9:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0
10:30	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	0	0	0	0	0	0	0	0	0	1	1	1	1	*	0	0	0	0
11:00	0	1	0	1	0	0	0	0	0	1	1	2	0	1	0	1	4	5	*	0	0	0	0
11:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0
11:30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	7		0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	7		0	0	0	0
Total	0	5	1	6	0	1	2	3	0	1	1	2	0	1	2	3	14			0	0	0	0

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

[illegible]

AM Peak Period
Cube Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

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

Total	0	5	1	6	0	1	2	3	0	1	1	2	0	1	2	3	14								
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	3								

0	0	0	0		9
0	0	0	0		

Peak hour of the intersection

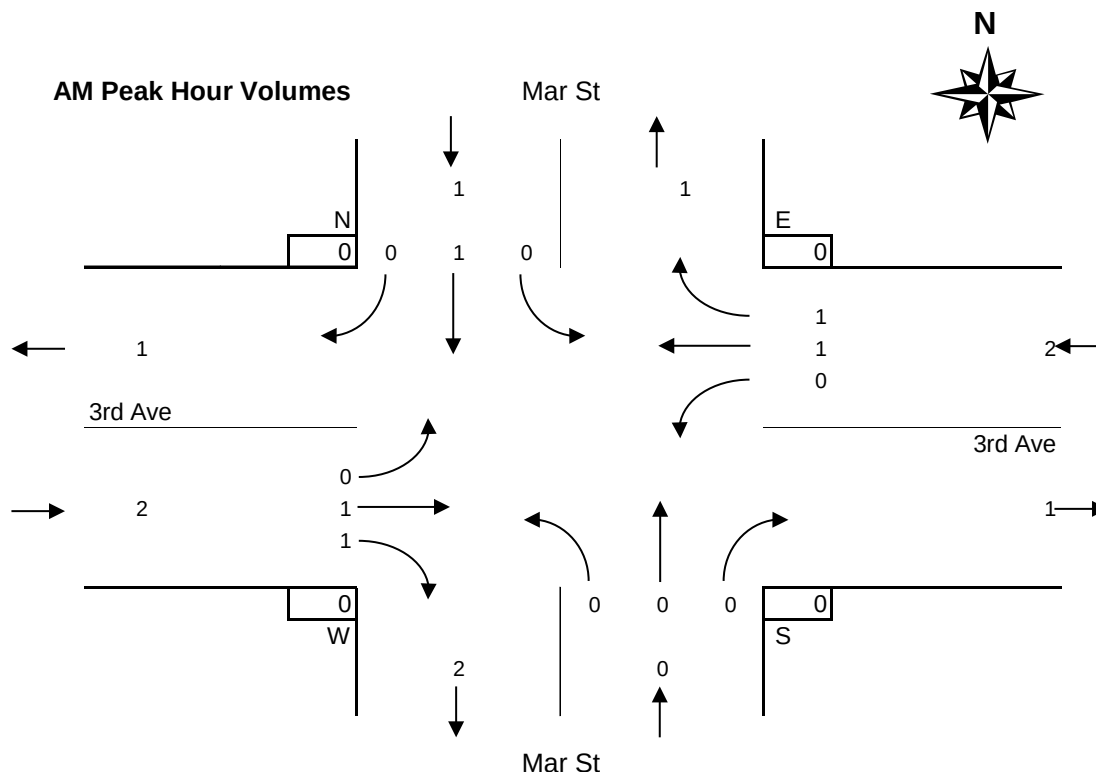
Pk Hr	0	1	0	1	0	0	0	0	0	1	1	2	0	1	1	2	5*								
15x4	0	4	0	4	0	0	0	0	0	4	4	8	0	4	4	4	16+								
PHF	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.25	n/a	0.25	0.25	0.50	0.31								

0	0	0	0		3
0	0	0	0		12
n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	2	0	2	0	0	1	1	0	1	1	2	0	1	1	2	7*								
15x4	0	4	0	4	0	0	4	4	0	4	4	8	0	4	4	4	16+								
PHF	n/a	0.50	n/a	0.50	n/a	n/a	0.25	0.25	n/a	0.25	0.25	0.25	n/a	0.25	0.25	0.50	0.44								

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



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	1	0	0	1	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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2			0	0	0	0	1	
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	3
13:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	4		0	0	0	0	1	3
13:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	4
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	4
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*		0	0	0	0	0	2
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3*		0	0	0	0	1	2
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2*		0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2+		0	0	0	0	0	1
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	3	0	3	1	4	0	5	1	0	0	1	0	0	0	0	9								
Avg Hr	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	3								

0	0	0	0		
0	0	0	0		

5

Peak hour of the intersection

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

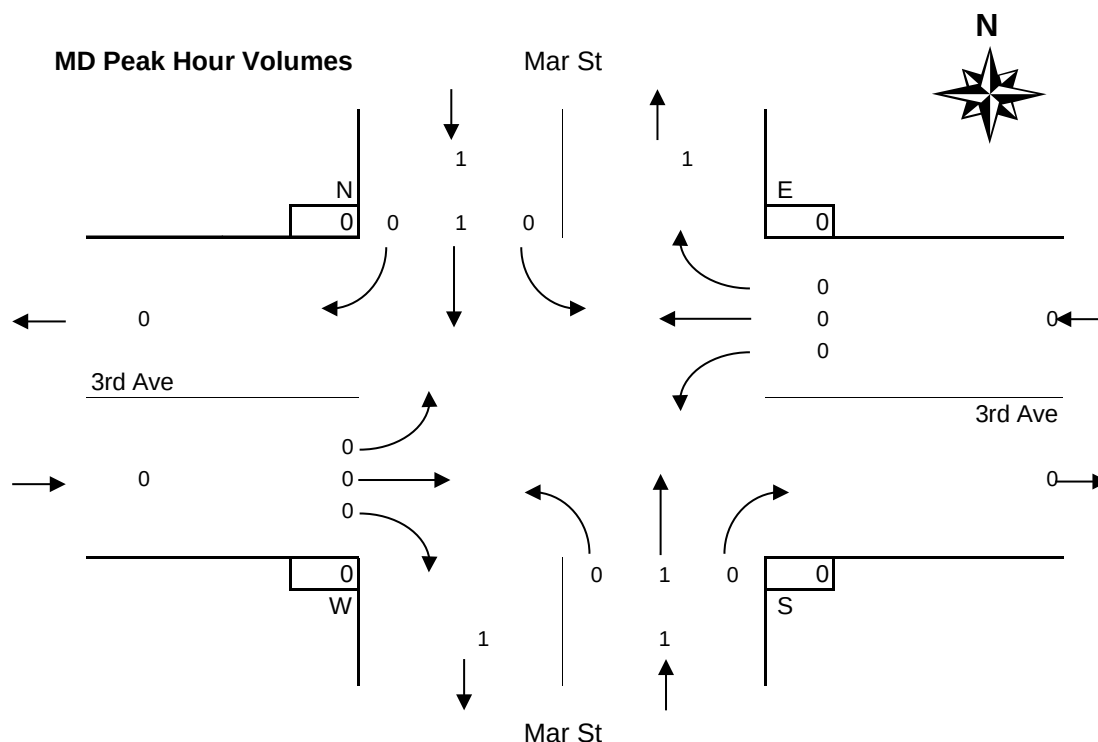
Peak hour of conflicting volumes for the intersection

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

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



Cube Trucks

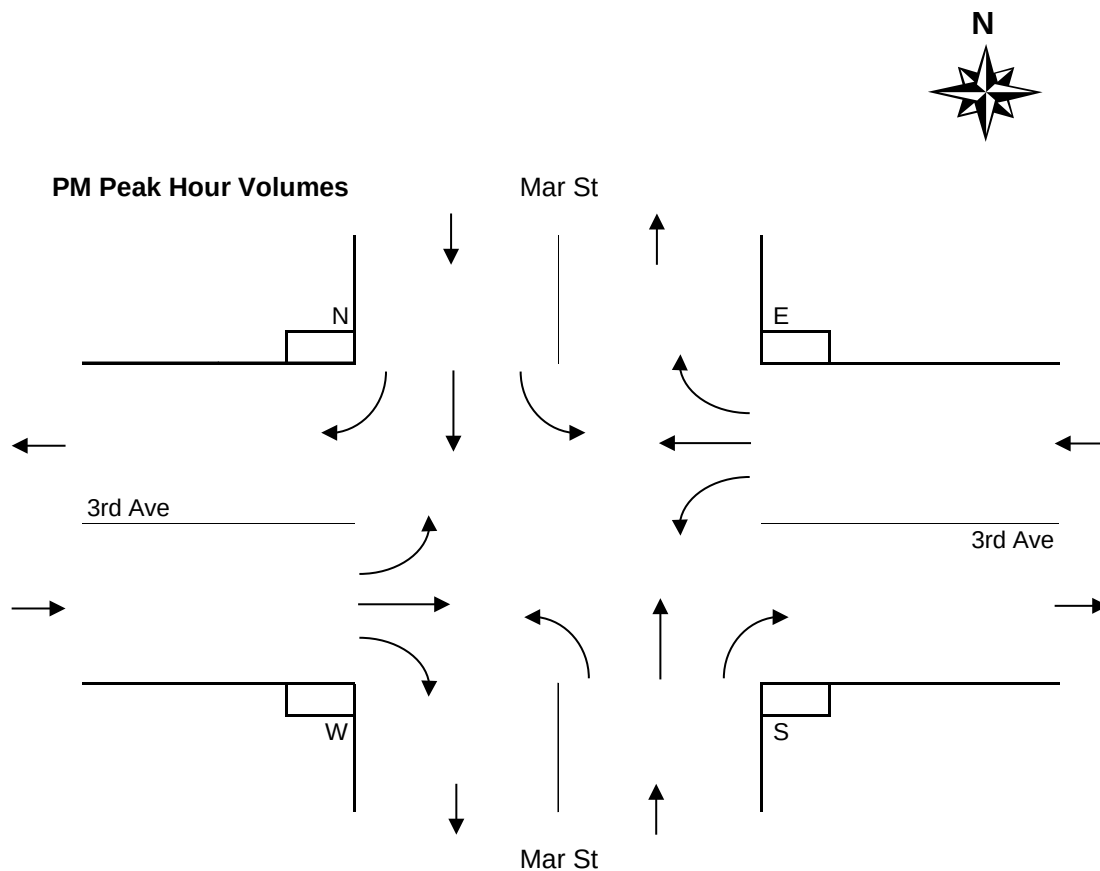
Wednesday, September 27, 2017

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Period Hourly Averages

Cube Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	8	1	9	1	5	2	8	1	1	1	3	0	1	2	3	23	0	0	0	0
Avg Hr	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0

AM Peak Period

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	5	1	6	0	1	2	3	0	1	1	2	0	1	2	3	14	0	0	0	0
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0

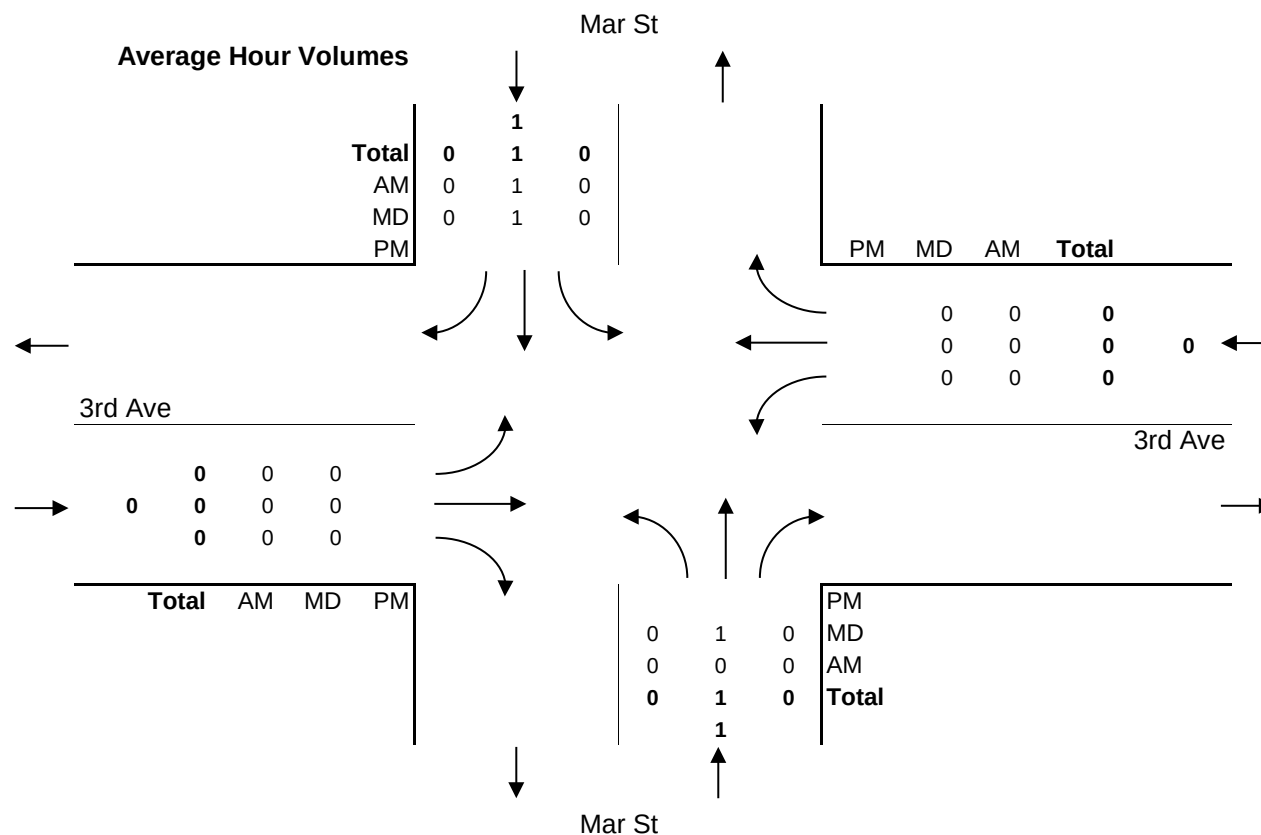
MD Peak Period

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	3	0	3	1	4	0	5	1	0	0	1	0	0	0	0	9	0	0	0	0
Avg Hr	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	3	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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0			0	0	0	0
7:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0		4	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4	0	0	0	0
8:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0		6	0	0	0	0
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		5	0	0	0	0
8:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0		4	0	0	0	0
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0		6	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4	0	0	0	0
9:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		4	0	0	0	0
9:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		4	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2	0	0	0	0
10:15	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	2	0	2	0	0	0	0	0	0	0	0	0	*	3	0	0	0	0
10:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	*	3	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	3	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		3	0	0	0	0
11:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0		2	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1	0	0	0	0
Total	0	6	0	6	0	10	0	10	0	0	0	0	0	0	0	0	0		16	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	1	1	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2			0	0	0	0
13:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	3			0	0	0	0
13:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	4			0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5			0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0
14:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	6	*		0	0	0	0
14:15	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	8	*		0	0	0	0
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
14:45	0	0	0	0	0	2	0	2	0	0	0	0	1	0	0	1	3	11	+			0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	5	0	5	0	10	0	10	0	0	1	1	1	0	0	1	17					0	0	0	0

[illegible]

AM Peak Period
Dump Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2		0	0	0	0	1	
7:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	1	2
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	2
8:15	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	2	4
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	4
8:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4
9:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	6	0	0	0	0	1	5
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
9:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	3
9:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	3
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:15	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	2	0	2	0	0	0	0	0	0	0	0	0	2	3*	0	0	0	0	2	3
10:45	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
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*	0	0	0	0	0	3
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
11:30	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
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	6	0	6	0	10	0	10	0	0	0	0	0	0	0	0	16								
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3								

0	0	0	0		10
0	0	0	0		

Peak hour of the intersection

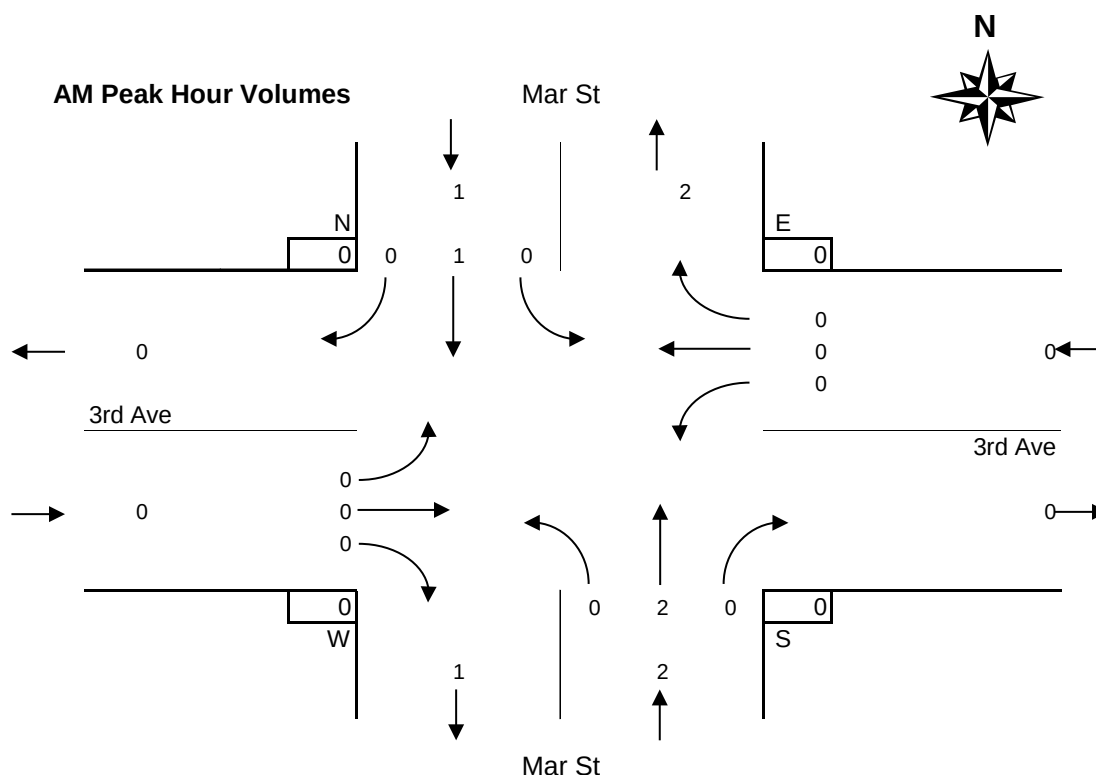
Pk Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3*								
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8+								
PHF	n/a	0.25	n/a	0.25	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38								

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



MD Peak Period
Dump Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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	1	1	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2
13:00	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
13:15	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
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	5
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4
14:00	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	6*	0	0	0	0	2	5
14:15	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	0	4	8*	0	0	0	0	2	5
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	0	0	0	0	2	0	2	0	0	0	0	1	0	0	1	3	11+		0	0	0	0	3	8
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	5	0	5	0	10	0	10	0	0	1	1	1	0	0	1	17								
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	6								

0	0	0	0		12
0	0	0	0		

Peak hour of the intersection

Pk Hr	0	4	0	4	0	6	0	6	0	0	0	0	1	0	0	1	11*								
15x4	0	8	0	8	0	8	0	8	0	0	0	0	4	0	0	4	16+								
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	0.25	n/a	n/a	0.25	0.69								

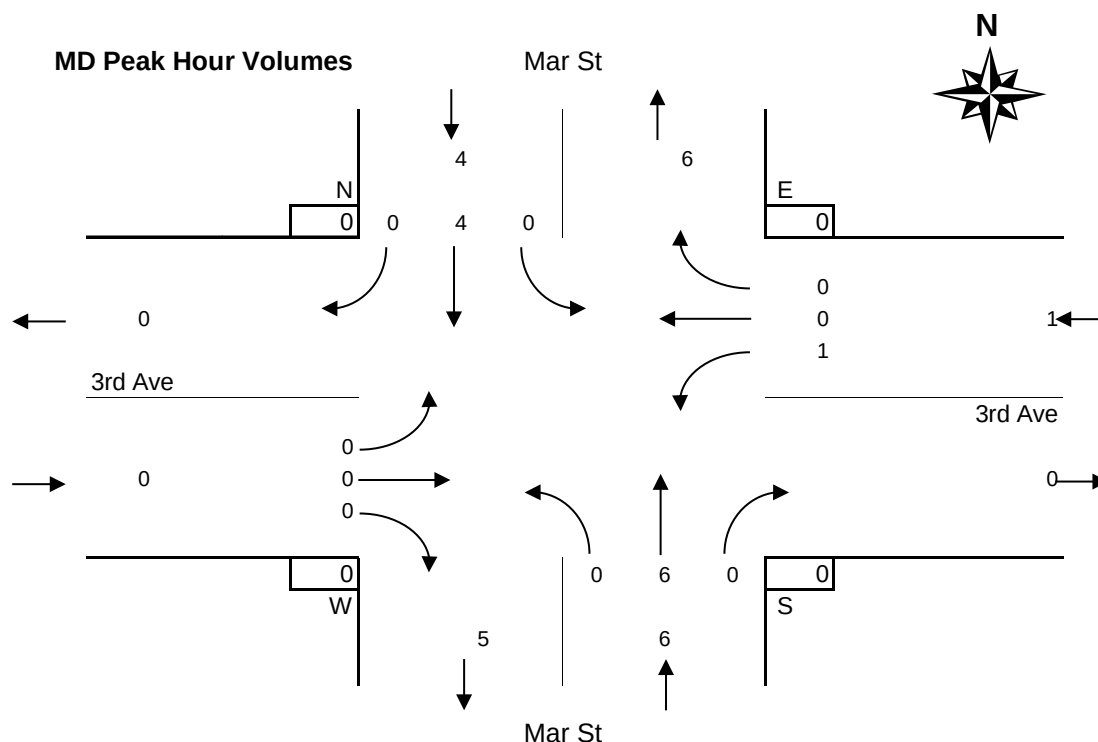
0	0	0	0		7
0	0	0	0		12
n/a	n/a	n/a	n/a		0.58

Peak hour of conflicting volumes for the intersection

Pk Hr	0	4	0	4	0	6	0	6	0	0	0	0	1	0	0	1	11*								
15x4	0	8	0	8	0	8	0	8	0	0	0	0	4	0	0	4	16+								
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	0.25	n/a	n/a	0.25	0.69								

0	0	0	0		7
0	0	0	0		12
n/a	n/a	n/a	n/a		0.58

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



PM Peak Period Dump Trucks

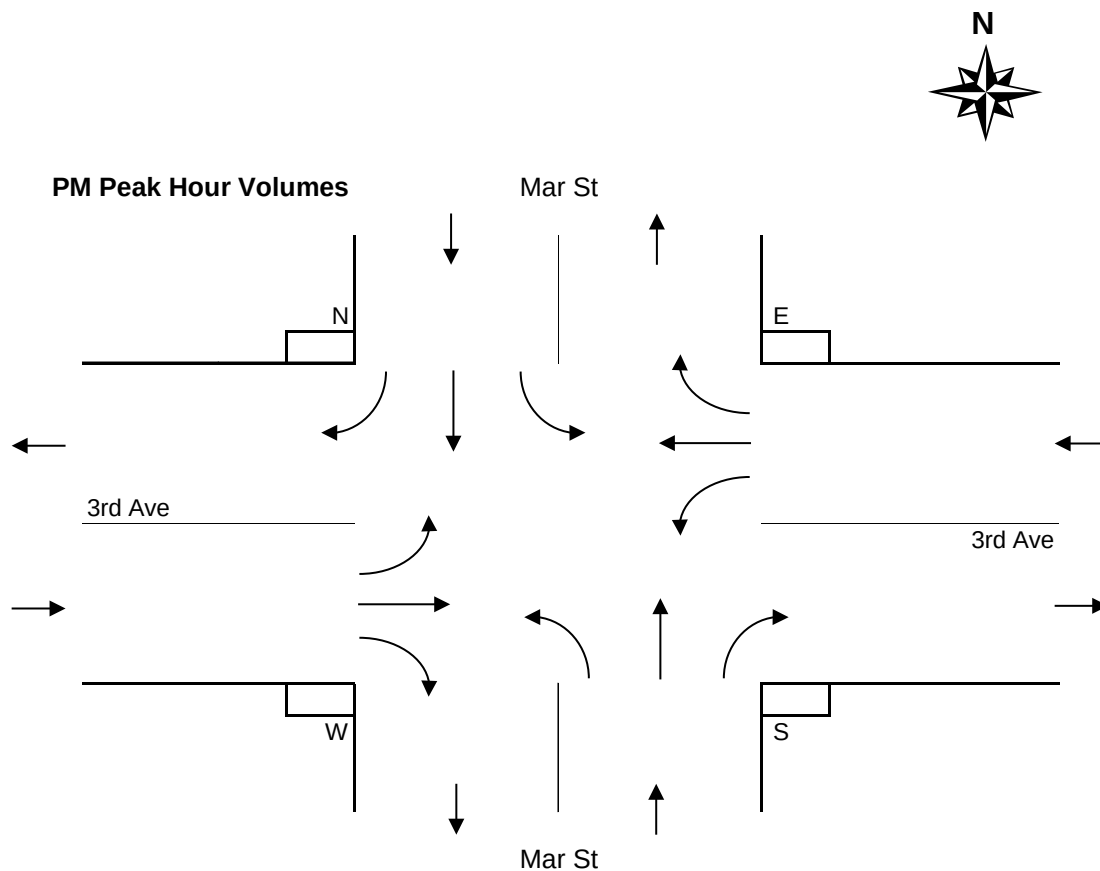
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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
Wednesday, September 27, 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	11	0	11	0	20	0	20	0	0	1	1	1	0	0	1	33	0	0	0	0
Avg Hr	0	1	0	1	0	3	0	3	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					N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume				
Period	0	6	0	6	0	10	0	10	0	0	0	0	0	0	0	0	16	0	0	0	0
Avg Hr	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0

MD Peak Period

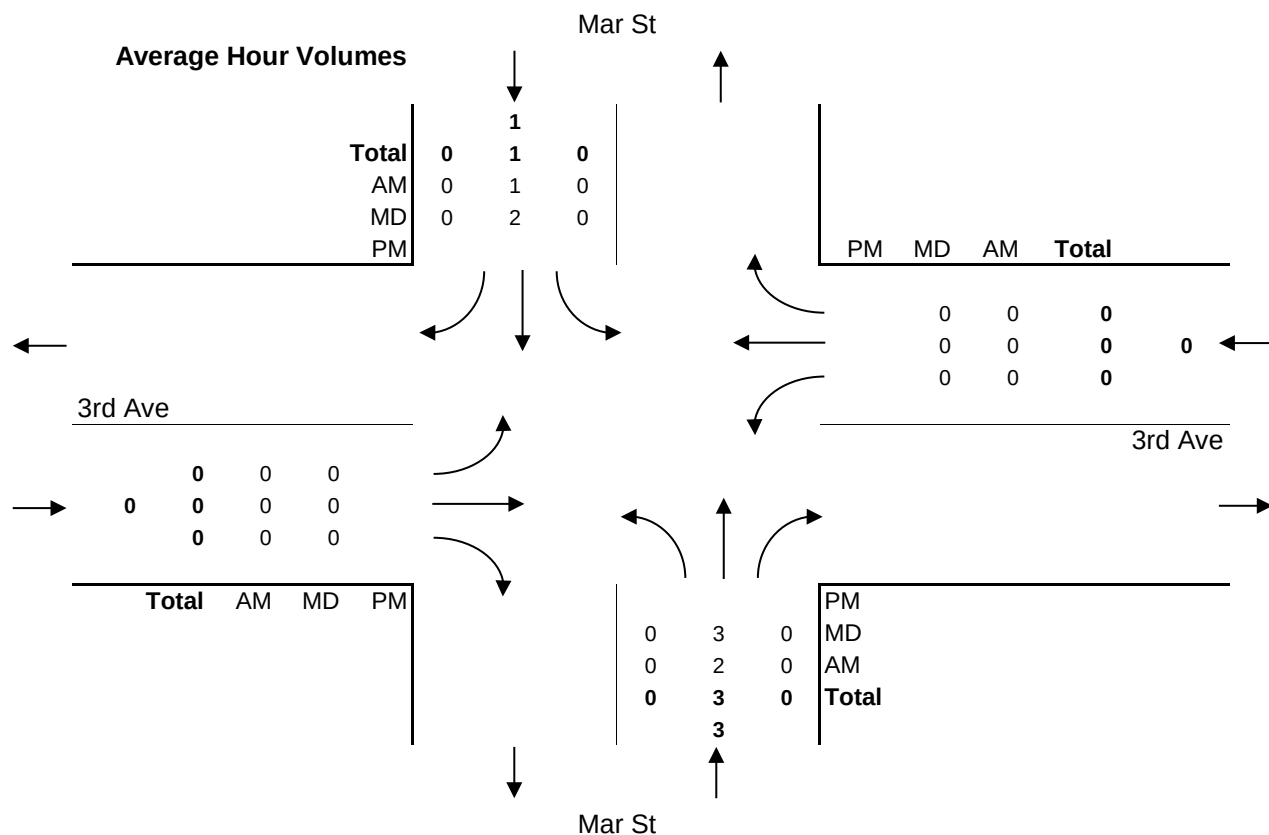
3 Hours

Totals	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	5	0	5	0	10	0	10	0	0	1	1	1	0	0	0	1	17	0	0	0	0
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	0	6	0	0	0	0

PM Peak Period

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																					
Avg Hr																					



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	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

[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	
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	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						
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		

Peak hour of the intersection

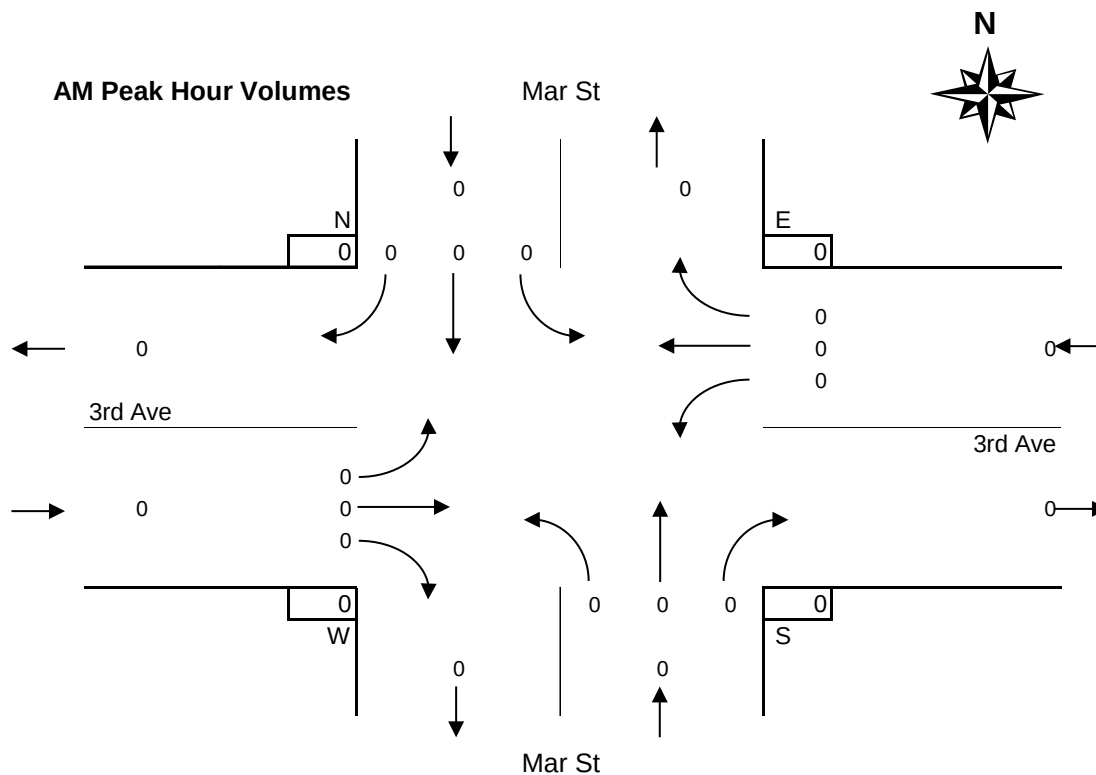
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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	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



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		

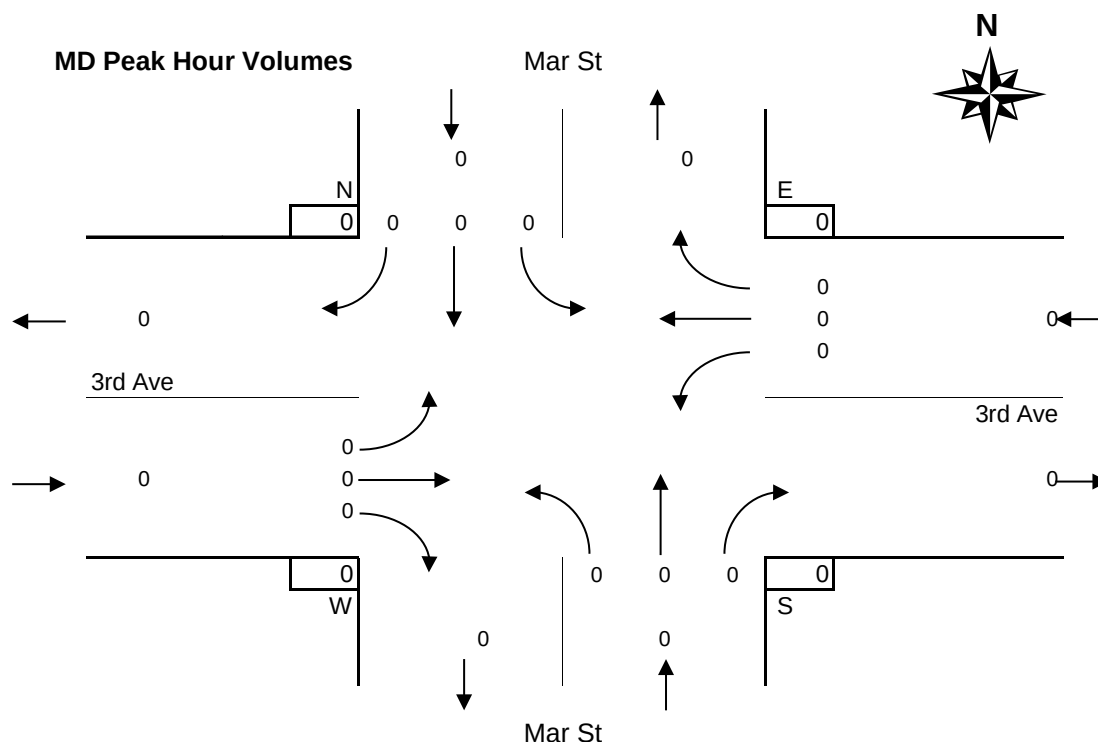
Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0		0
15x4	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

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
15x4	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

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



PM Peak Period Emergency Trucks

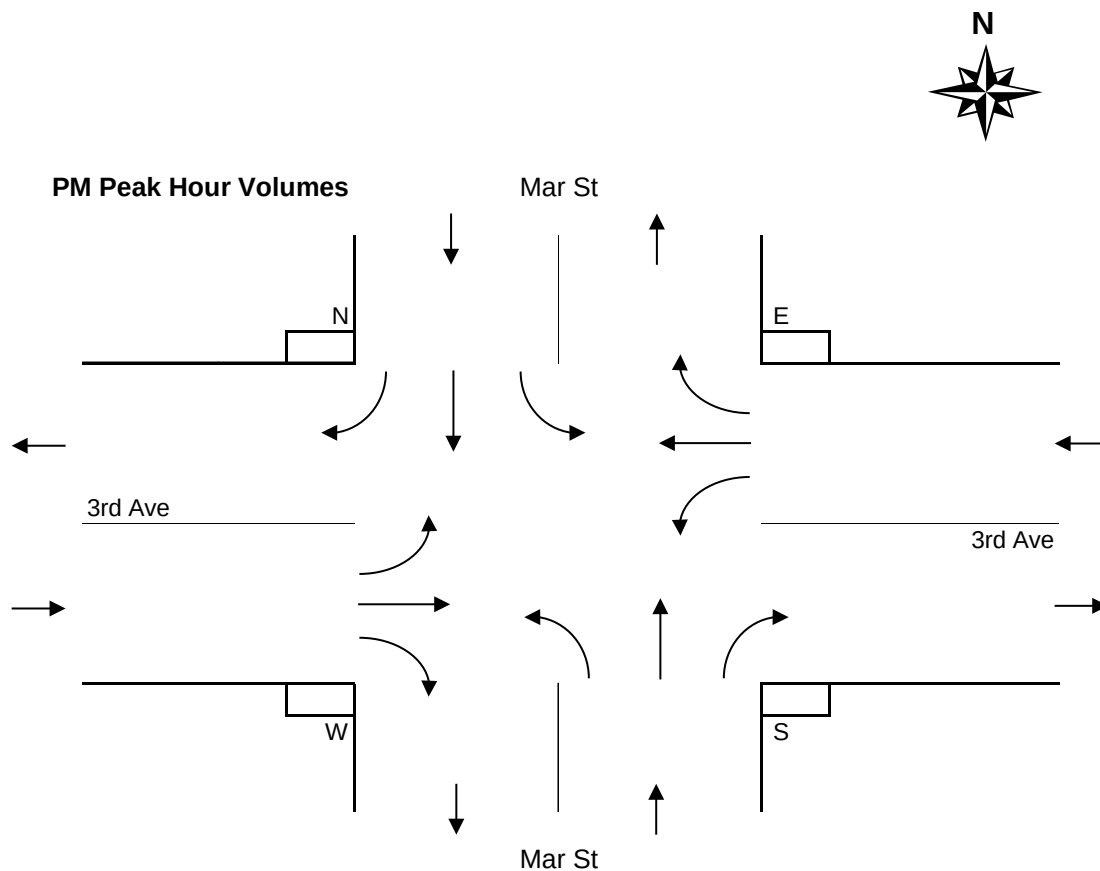
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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	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	

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	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	

MD Peak Period

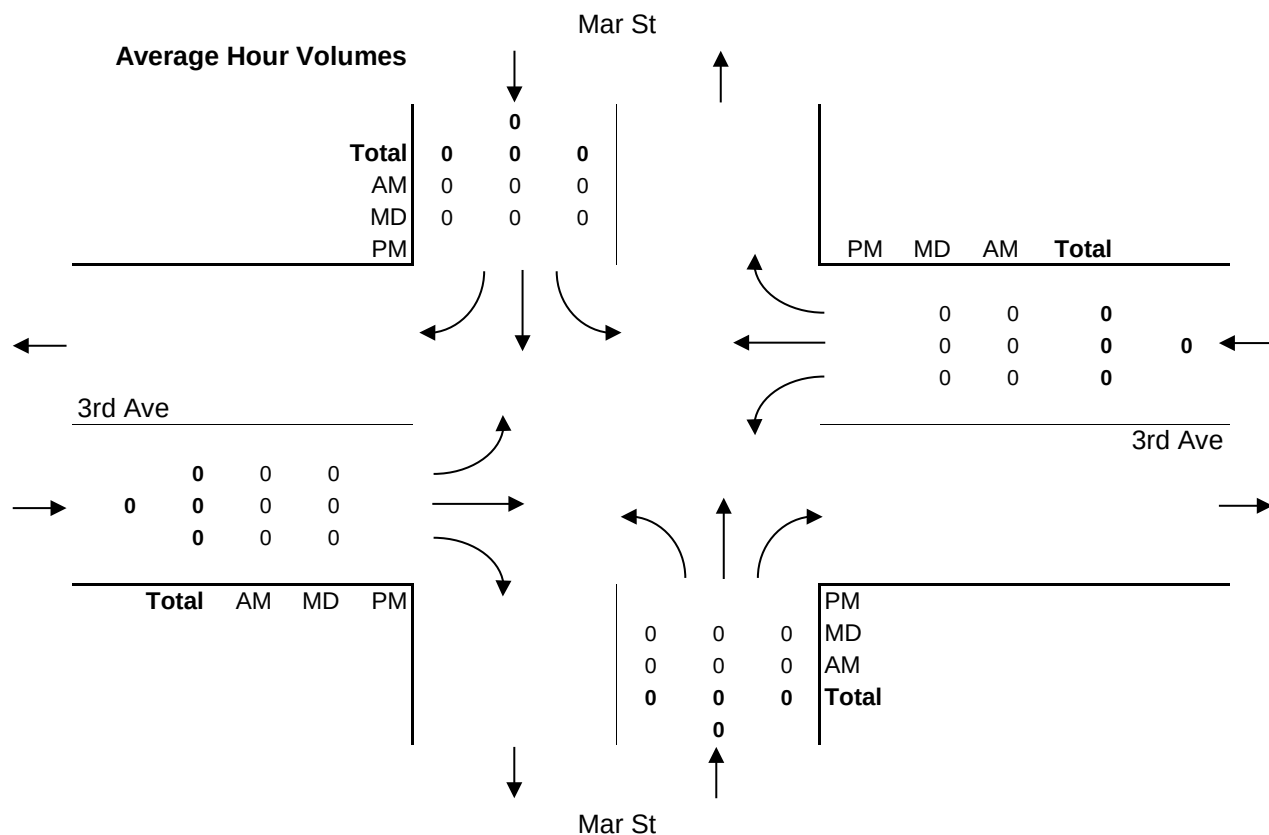
3 Hours

Totals	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	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	

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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2			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	2		0	0	0	0	
8:00	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		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	1	0	1	0	0	0	0	0	1	1		0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	
11:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	
Total	1	1	0	2	0	0	1	1	0	1	0	1	0	0	0	0	4			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	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*	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
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	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2		0	0	0	0

[illegible]

AM Peak Period
Garbage Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak Period					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		
7:15	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	2		0	0	0	0	2		
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	2		0	0	0	0	2	
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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		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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
11:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1		0	0	0	0	1	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2

Total	1	1	0	2	0	0	1	1	0	1	0	1	0	0	0	0	4	
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

0	0	0	0		3
0	0	0	0		

Peak hour of the intersection

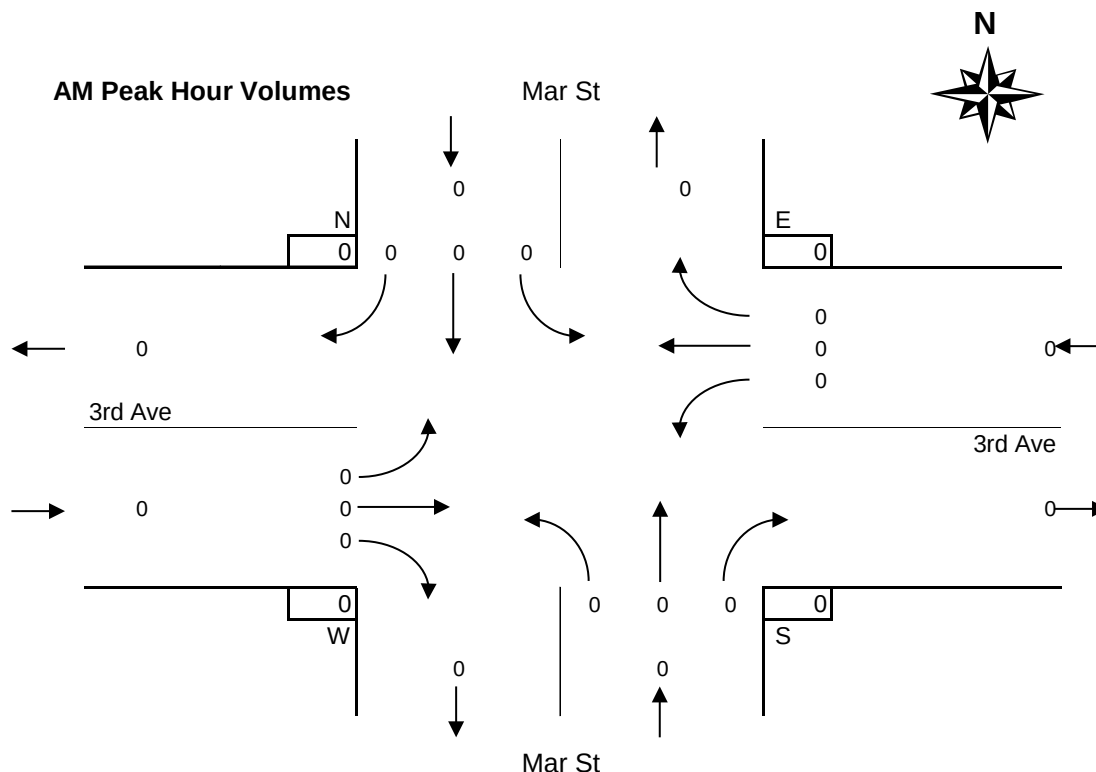
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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

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



MD Peak Period
Garbage Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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		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
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	1
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	1
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	1
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	1
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	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

0	0	0	0
0	0	0	0

2

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

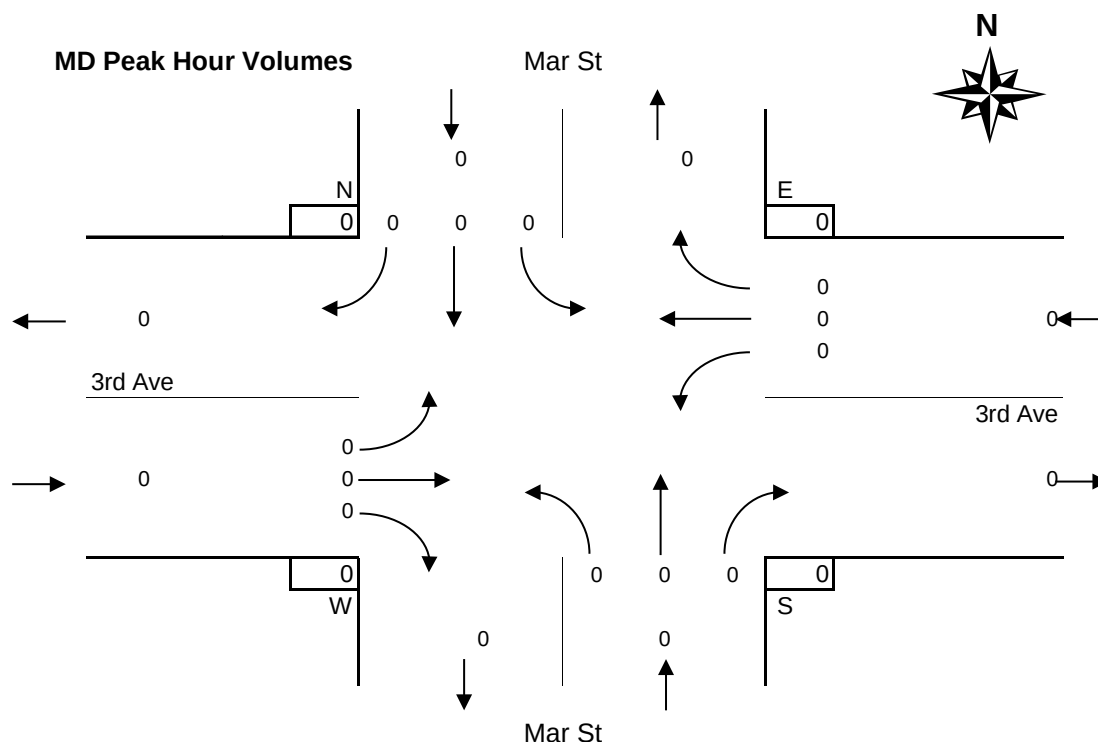
Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	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. **



Garbage Trucks

Wednesday, September 27, 2017

[illegible]

Total																									0
Avg Hr																									

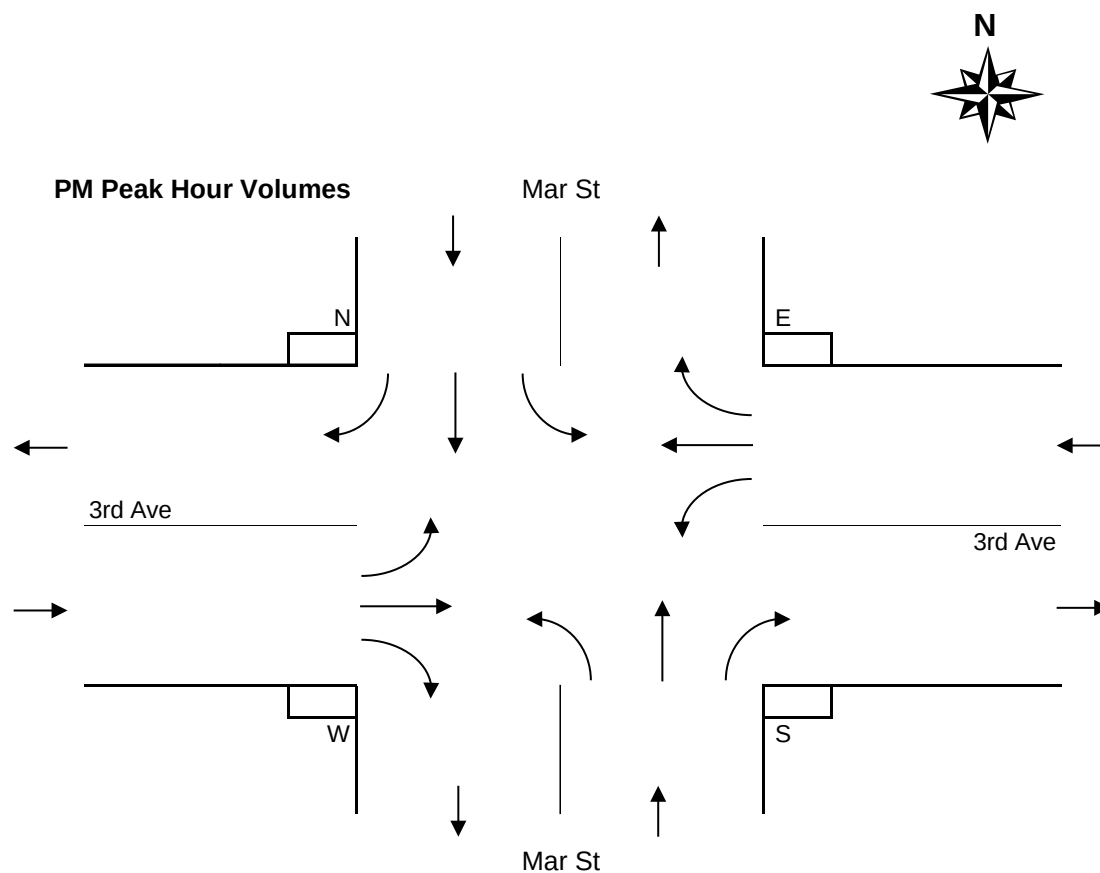
Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr															*
15x4															+
PHF															

0
0
n/a



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	2	1	0	3	0	1	1	2	0	1	0	1	0	0	0	0	6	0	0	0	0
Avg Hr	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	1	1	0	2	0	0	1	1	0	1	0	1	0	0	0	0	4	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

MD Peak Period

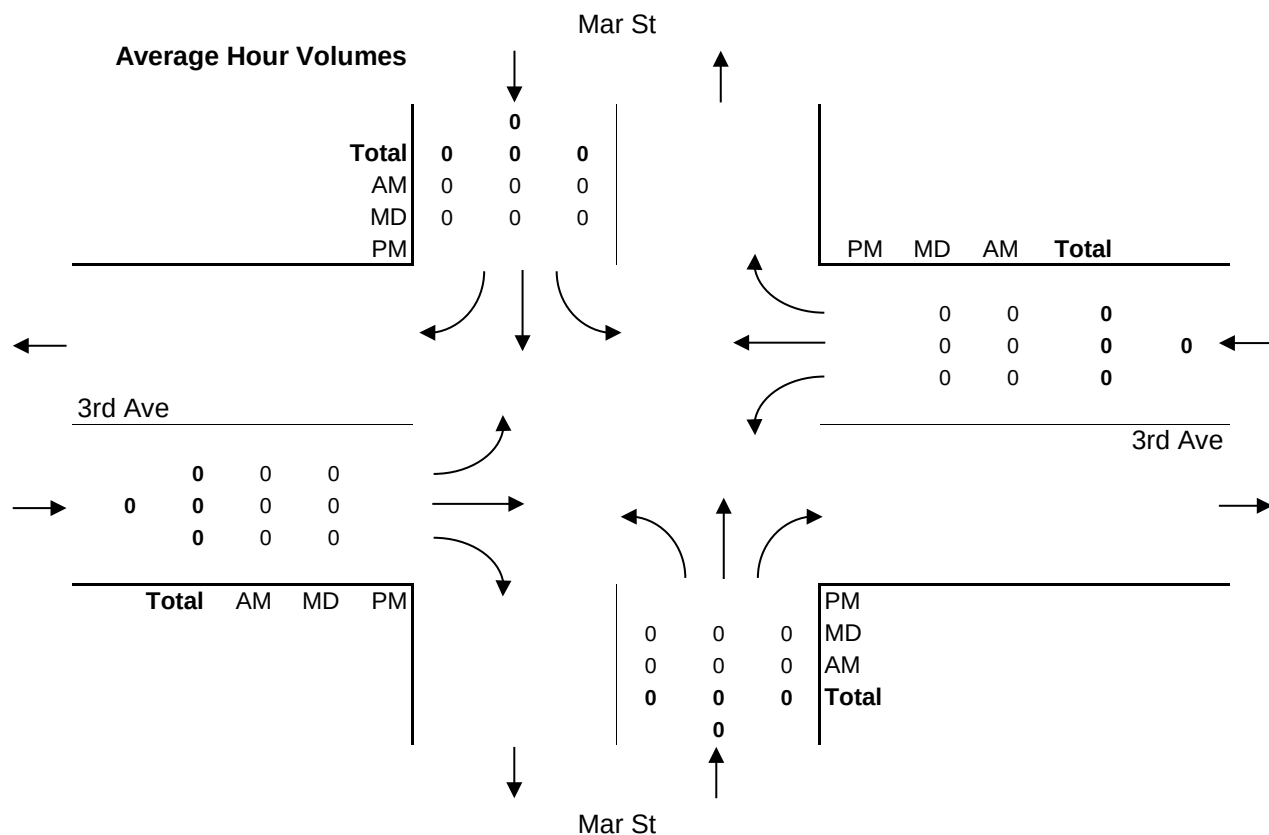
3 Hours

Totals	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	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	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

PM Peak Period

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																					
Avg Hr																					



Major Route: 3rd Avenue
Minor Route: Mar Street
Municipality: Port Alberni
Filename: 3-3rd Ave @ Mar St-Sep 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0
7:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2			0	0	0	0
7:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0
7:45	0	1	0	1	0	4	0	4	0	0	0	0	0	0	0	0	5	10		0	0	0	0
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	10		0	0	0	0
8:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	11		0	0	0	0
8:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	11		0	0	0	0
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7		0	0	0	0
9:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7		0	0	0	0
9:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0	0
9:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	6		0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0
10:00	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	7		0	0	0	0
10:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	8	+	0	0	0	0
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	7	*	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	*	0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5	*	0	0	0	0
11:15	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	6		0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	6		0	0	0	0
Total	0	13	0	13	0	22	0	22	0	0	0	0	0	0	0	0	35			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	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0
12:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	
12:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	5			0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5			0	0	0	0
13:15	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	3	6			0	0	0	0
13:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	3	8			0	0	0	0
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	7			0	0	0	0
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	8*			0	0	0	0
14:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	2	7*			0	0	0	0
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	5*			0	0	0	0
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	5+			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	9	0	9	0	7	0	7	0	0	0	0	0	0	1	1	17			0	0	0	0

[illegible]

AM Peak Period
Logging Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2			0	0	0	0	1	
7:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
7:45	0	1	0	1	0	4	0	4	0	0	0	0	0	0	0	0	0	5	10		0	0	0	0	4	8
8:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10		0	0	0	0	1	8
8:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	11		0	0	0	0	2	9
8:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	11		0	0	0	0	1	8
8:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7		0	0	0	0	1	5
9:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7		0	0	0	0	1	5
9:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	1	4
9:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	6		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	0	5		0	0	0	0	0	3
10:00	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	7		0	0	0	0	2	4
10:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	8 ⁺		0	0	0	0	2	5
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	7 [*]		0	0	0	0	1	5
10:45	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
11:00	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
11:15	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	4	6		0	0	0	0	3	5
11:30	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
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0	1	5

Total	0	13	0	13	0	22	0	22	0	0	0	0	0	0	0	0	35								
Avg Hr	0	3	0	3	0	4	0	4	0	0	0	0	0	0	0	0	7								

0	0	0	0		22
0	0	0	0		

Peak hour of the intersection

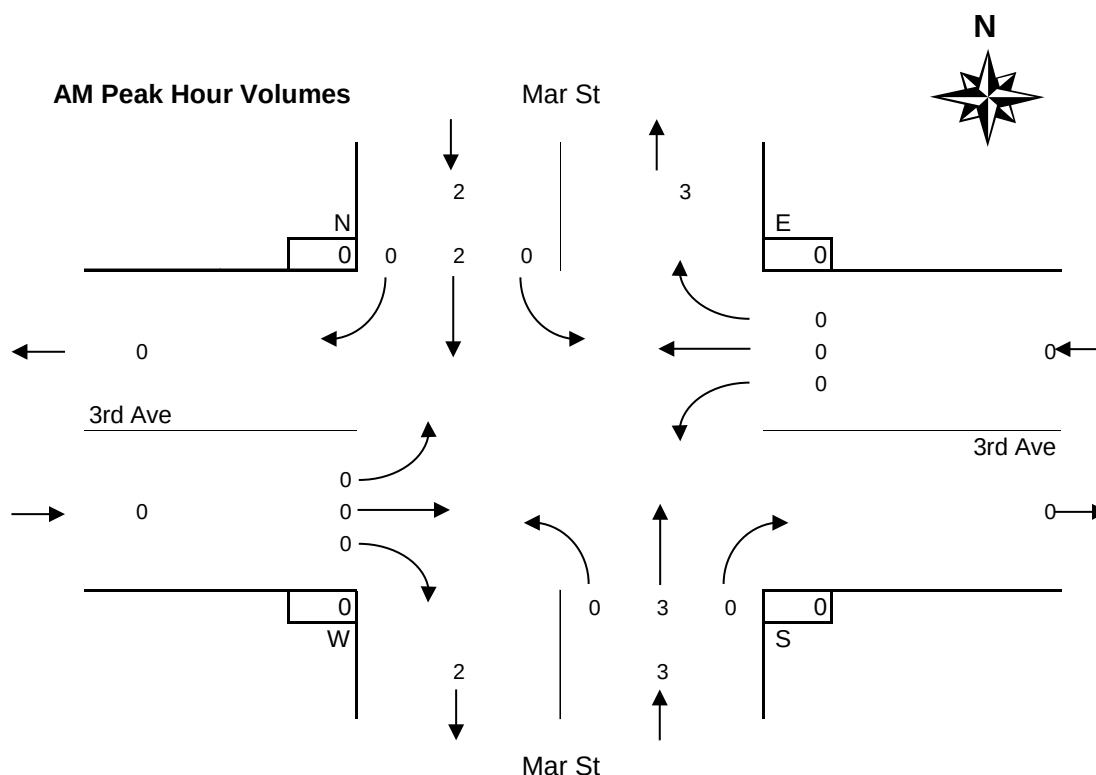
Pk Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	5*								
15x4	0	8	0	8	0	4	0	4	0	0	0	0	0	0	0	0	12+								
PHF	n/a	0.25	n/a	0.25	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.42								

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	1	0	1	0	5	0	5	0	0	0	0	0	0	0	0	6*								
15x4	0	4	0	4	0	12	0	12	0	0	0	0	0	0	0	0	16+								
PHF	n/a	0.25	n/a	0.25	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38								

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



MD Peak Period
Logging Trucks

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
12:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	2	5
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
13:15	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
13:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	8	0	0	0	0	2	6
13:45	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
14:00	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
14:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	7*	0	0	0	0	2	6	
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5*	0	0	0	0	1	5	
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5+	0	0	0	0	1	5	
n/a																									
n/a																									
n/a																									
n/a																									

Total	0	9	0	9	0	7	0	7	0	0	0	0	0	0	1	1	17								
Avg Hr	0	3	0	3	0	2	0	2	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	0	0	0	0	4	0	4	0	0	0	0	0	0	1	1	5*
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	4	4	8+
PHF	n/a	n/a	n/a	n/a	n/a	1.00	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.63

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

5

8

0.63

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	4	0	4	0	0	0	0	0	0	1	1	5*
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	4	4	8+
PHF	n/a	n/a	n/a	n/a	n/a	1.00	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.63

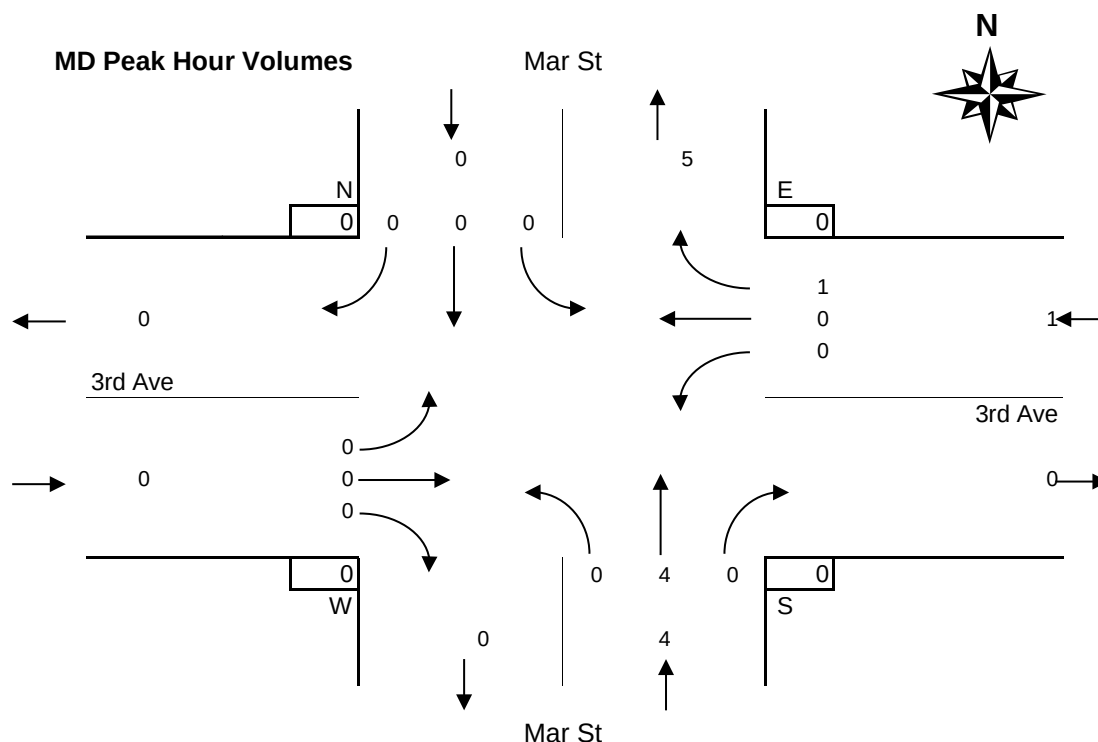
0	0	0	0
0	0	0	0
n/a	n/a	n/a	n/a

5

8

0.63

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



PM Peak Period Logging Trucks

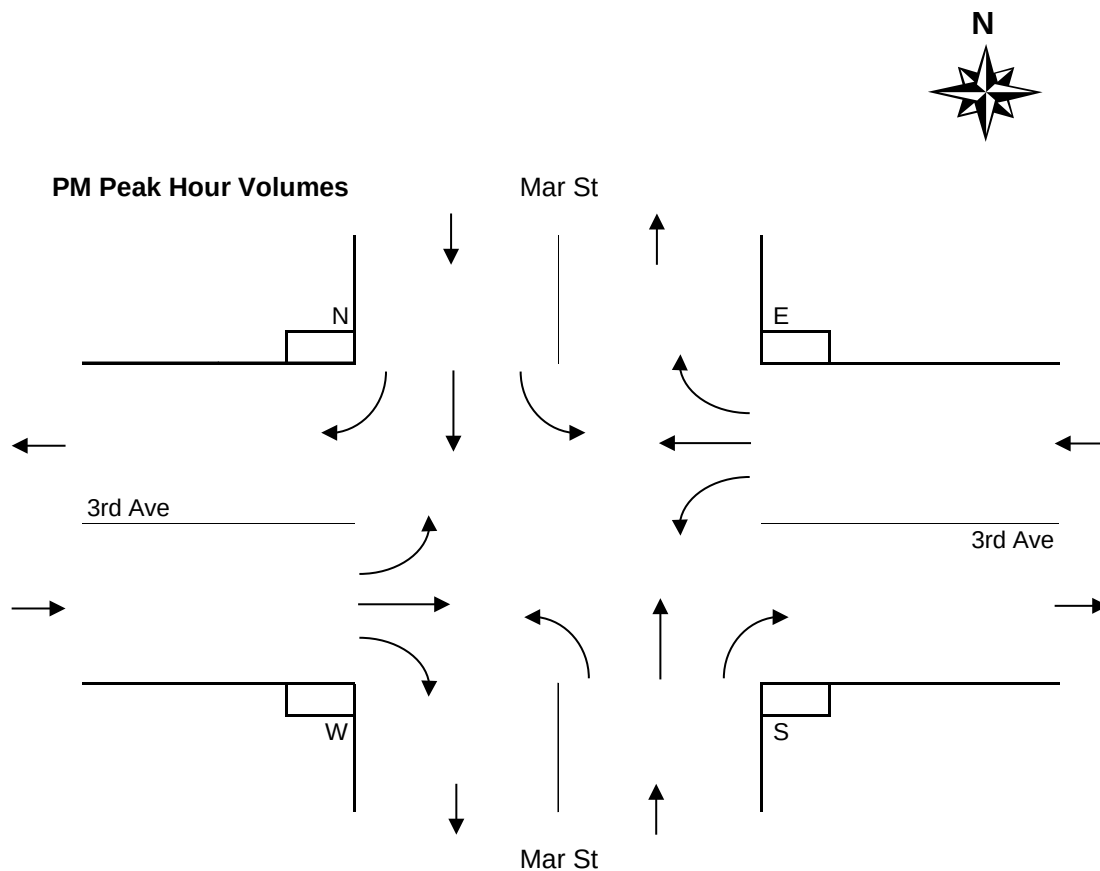
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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	0	22	0	22	0	29	0	29	0	0	0	0	0	0	0	1	1	52	0	0	0	0
Avg Hr	0	3	0	3	0	4	0	4	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	13	0	13	0	22	0	22	0	0	0	0	0	0	0	0	35	0	0	0	0
Avg Hr	0	3	0	3	0	4	0	4	0	0	0	0	0	0	0	0	7	0	0	0	0

MD Peak Period

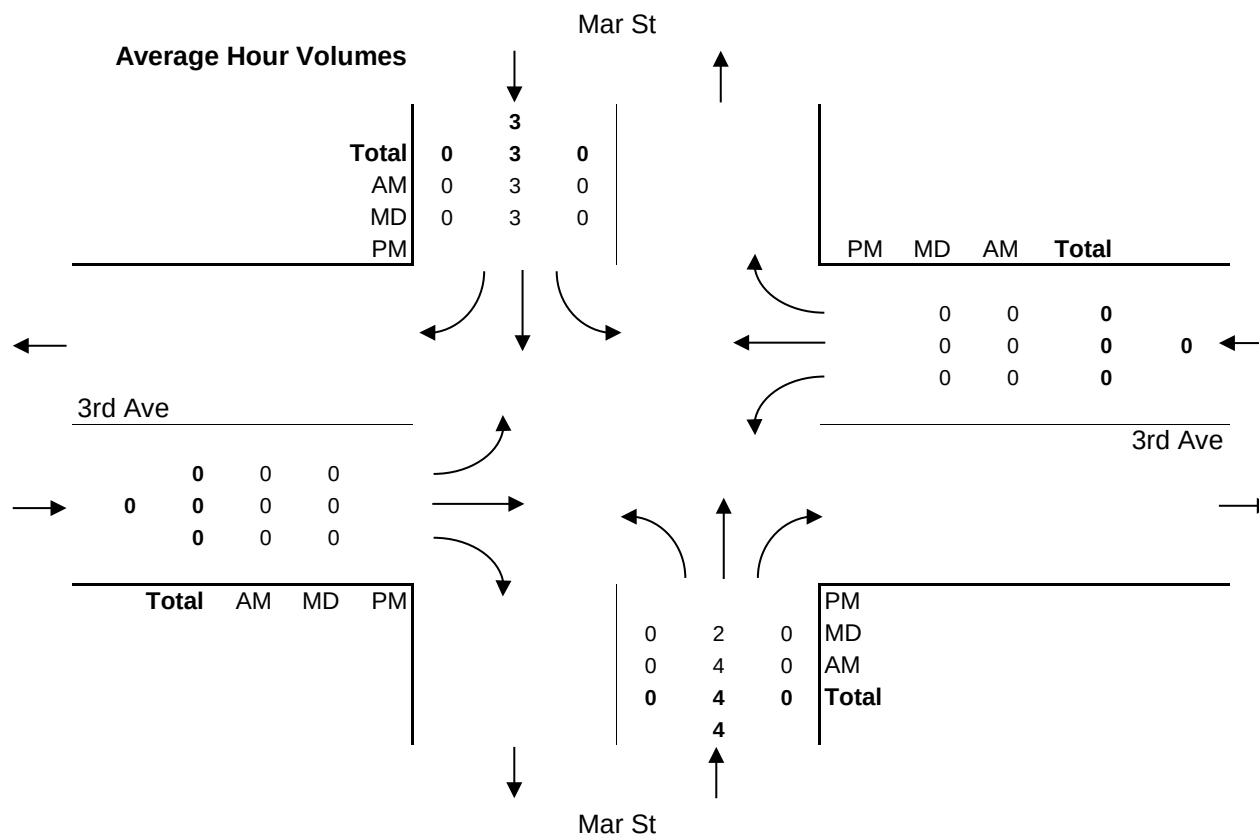
3 Hours

	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	9	0	9	0	7	0	7	0	0	0	0	0	0	1	1	17	0	0	0	0
Avg Hr	0	3	0	3	0	2	0	2	0	0	0	0	0	0	0	0	6	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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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

Wednesday, September 27, 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	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	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	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	
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	
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	
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	
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	
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	
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	
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	
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
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
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
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
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
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
11:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2		0	0	0	0	0
Total	0	1	0	1	0	1	0	1	0	0	0	0	0	0	1	1	3			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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
13:30	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	2		0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		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	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2			0	0	0	0

[illegible]

AM Peak Period
RVs

3rd Avenue @ Mar Street
Wednesday, September 27, 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	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	1		0	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		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	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	2	2		0	0	0	0	2	2

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

0	0	0	0		2
0	0	0	0		

Peak hour of the intersection

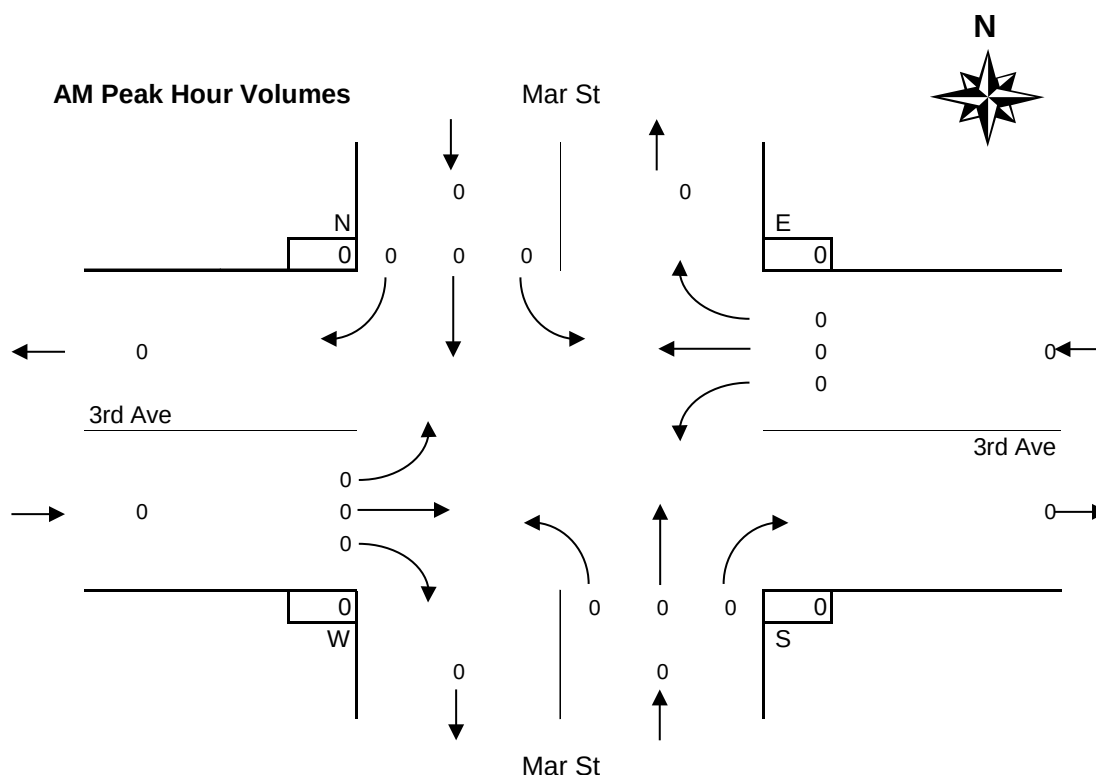
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+
PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

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	1	1	2	2	*
15x4	0	4	0	4	0	0	0	0	0	0	0	0	0	4	4	8	8	+
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	0.25	0.25	0.25	0.25	

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



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	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	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1	
13:30	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	2		0	0	0	0	1	2
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2	
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1	
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0	1	
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	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2								
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1								

0	0	0	0	
0	0	0	0	

2

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

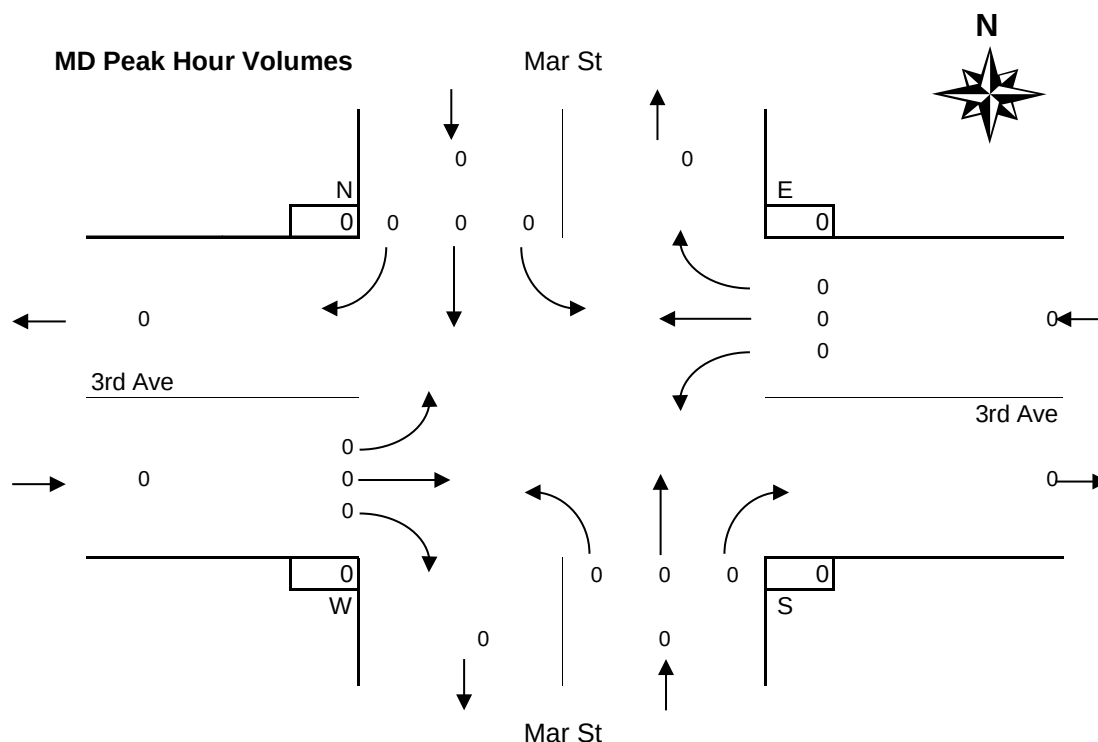
Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	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. **



RVs

Wednesday, September 27, 2017

[illegible]

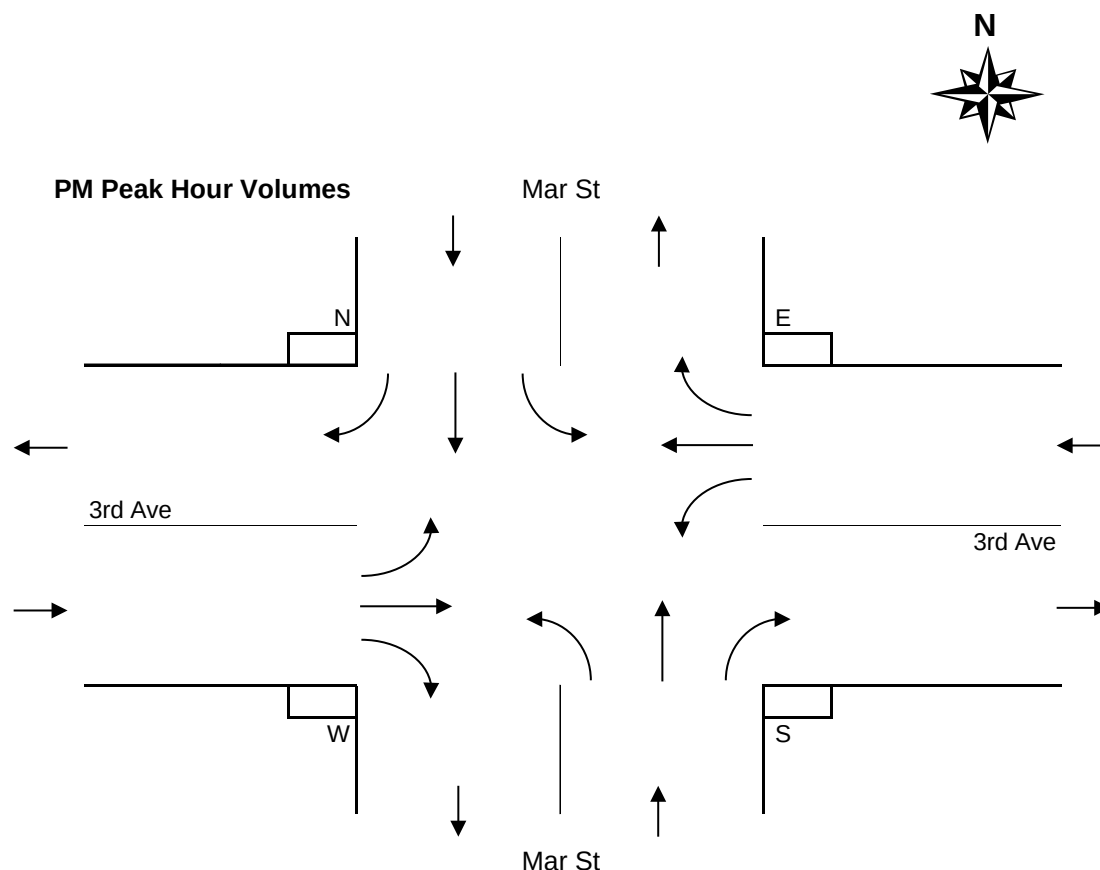
Total																									0
Avg Hr																									

Peak hour of the intersection

Pk Hr																*
15x4																+
PHF																

0
0
n/a

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

MD Peak Period

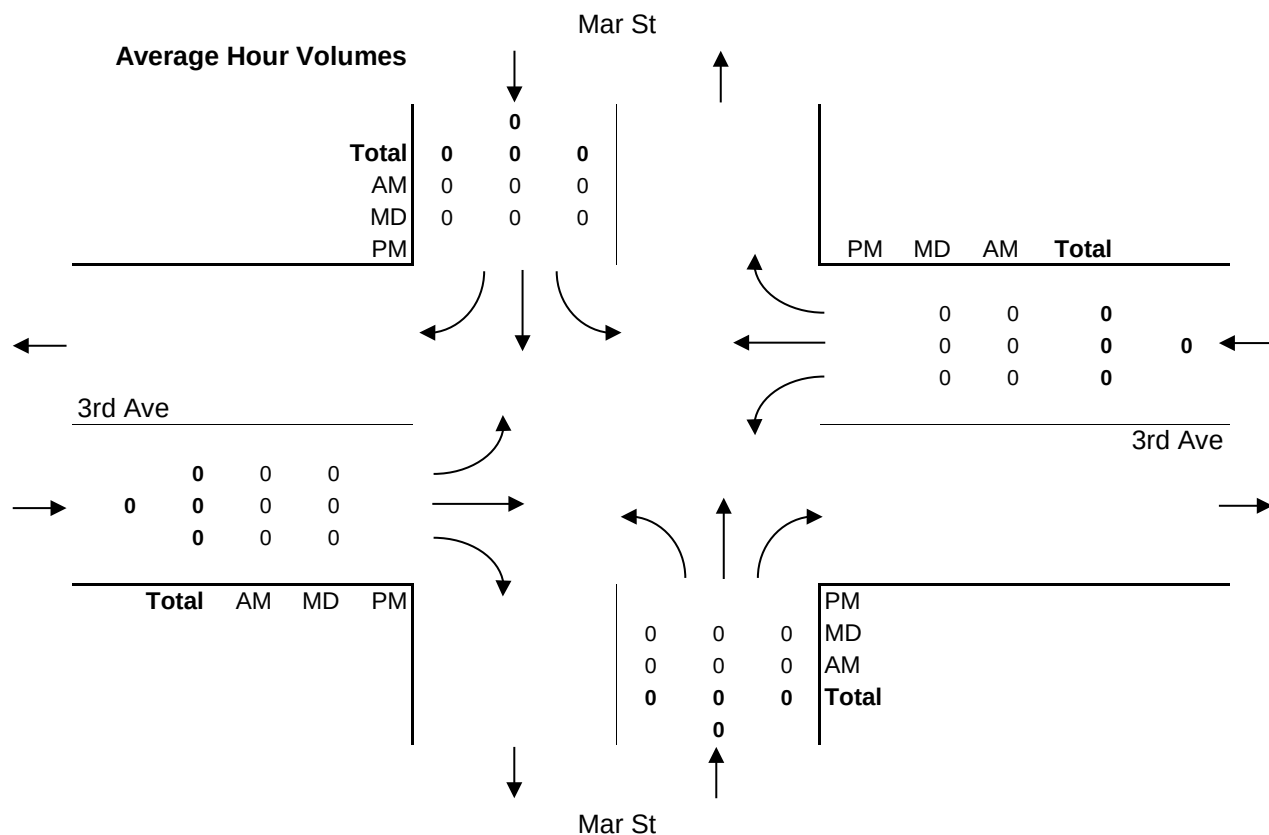
3 Hours

Totals	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	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 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	1	0	1	0	0	0	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
7:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0
7:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	4		0	0	0	0
8:00	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	7		0	0	0	0
8:15	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	10		0	0	0	0
8:30	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	11		0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		0	0	0	0
9:00	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	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	5		0	0	0	0
9:30	0	3	0	3	0	1	0	1	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	1	8		0	0	0	0
10:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	10		0	0	0	0
10:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	10	+	0	0	0	0
10:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	9	*	0	0	0	0
10:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	10	*	0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	9	*	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0
11:30	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	1		0	0	0	0
Total	0	17	0	17	0	15	0	15	0	0	0	0	0	0	0	0	32			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	1	0	1	0	0	0	0	0	0	0	0	1		0	0	0	0
12:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1		0	0	0	0
12:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4	0	0	0	0
13:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	5	0	0	0	0
13:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5	0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5	0	0	0	0
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3*	0	0	0	0
14:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	5*	0	0	0	0
14:30	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	7*	0	0	0	0
14:45	1	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	3	9+	0	0	0	0
n/a																						
n/a																						
n/a																						
n/a																						
Total	2	4	0	6	1	11	0	12	0	0	0	0	0	0	0	0	18		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	1	0	1	0	0	0	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	
7:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	4		0	0	0	0	1	3
8:00	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	7		0	0	0	0	2	4
8:15	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	10		0	0	0	0	3	7
8:30	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	11		0	0	0	0	2	8
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9		0	0	0	0	0	7
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	5
9:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	5		0	0	0	0	2	4
9:30	0	3	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4	7		0	0	0	0	3	5
9:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	6
10:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	10		0	0	0	0	2	8
10:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	10 ⁺		0	0	0	0	2	8
10:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	9 [*]		0	0	0	0	2	7
10:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	10 [*]		0	0	0	0	2	8
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	9 [*]		0	0	0	0	1	7
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	5
11:30	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	1		0	0	0	0	0	1

Total	0	17	0	17	0	15	0	15	0	0	0	0	0	0	0	0	32								
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6								

0	0	0	0		17
0	0	0	0		

Peak hour of the intersection

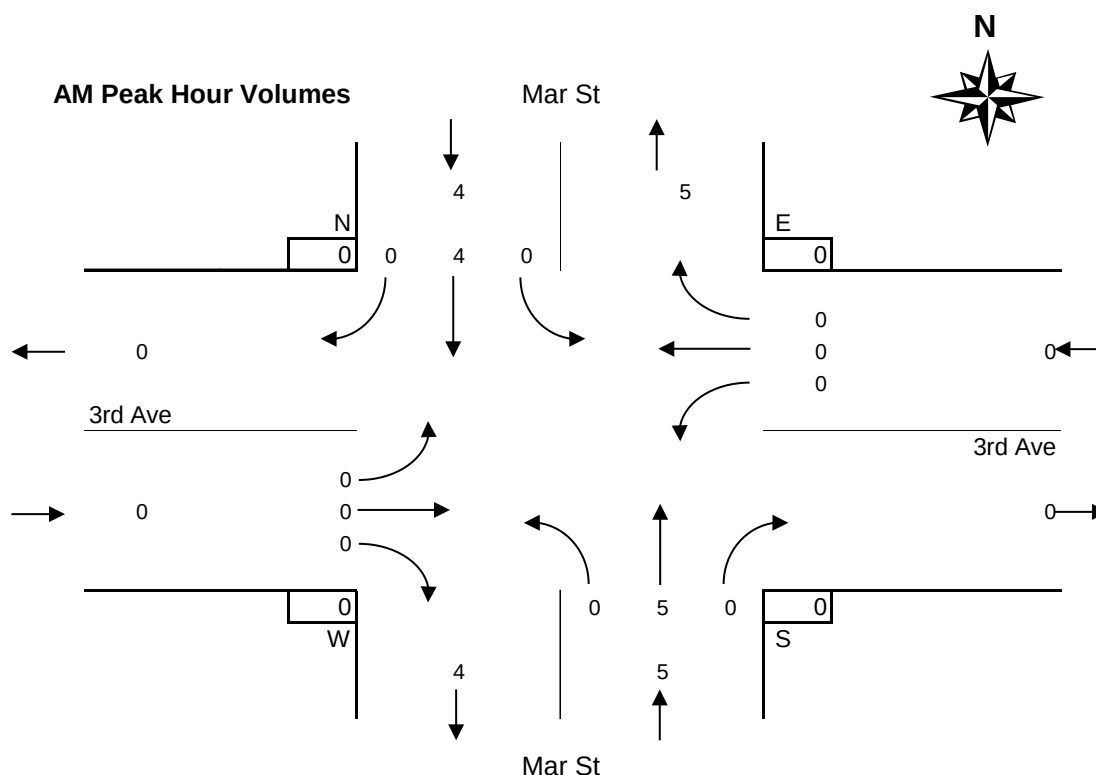
Pk Hr	0	4	0	4	0	5	0	5	0	0	0	0	0	0	0	0	9 *								
15x4	0	8	0	8	0	8	0	8	0	0	0	0	0	0	0	0	12 +								
PHF	n/a	0.50	n/a	0.50	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75								

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	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



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	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	1	0	1	0	0	0	0	0	0	0	0	0	1		0	0	0	0	1	
12:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4
13:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	1	4
13:15	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
13:30	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
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	1	4
14:00	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
14:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	3	5*	0	0	0	0	2	4
14:30	1	0	0	1	0	2	0	2	0	0	0	0	0	0	0	0	0	3	7*	0	0	0	0	3	6
14:45	1	0	0	1	1	1	0	2	0	0	0	0	0	0	0	0	0	3	9+	0	0	0	0	2	7
n/a																									
n/a																									
n/a																									
n/a																									

Total	2	4	0	6	1	11	0	12	0	0	0	0	0	0	0	0	18								
Avg Hr	1	1	0	2	0	4	0	4	0	0	0	0	0	0	0	0	6								

0	0	0	0
0	0	0	0

13

Peak hour of the intersection

Pk Hr	2	2	0	4	1	4	0	5	0	0	0	0	0	0	0	0	9*
15x4	4	8	0	8	4	8	0	8	0	0	0	0	0	0	0	0	12+
PHF	0.50	0.25	n/a	0.50	0.25	0.50	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75

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

6
12
0.50

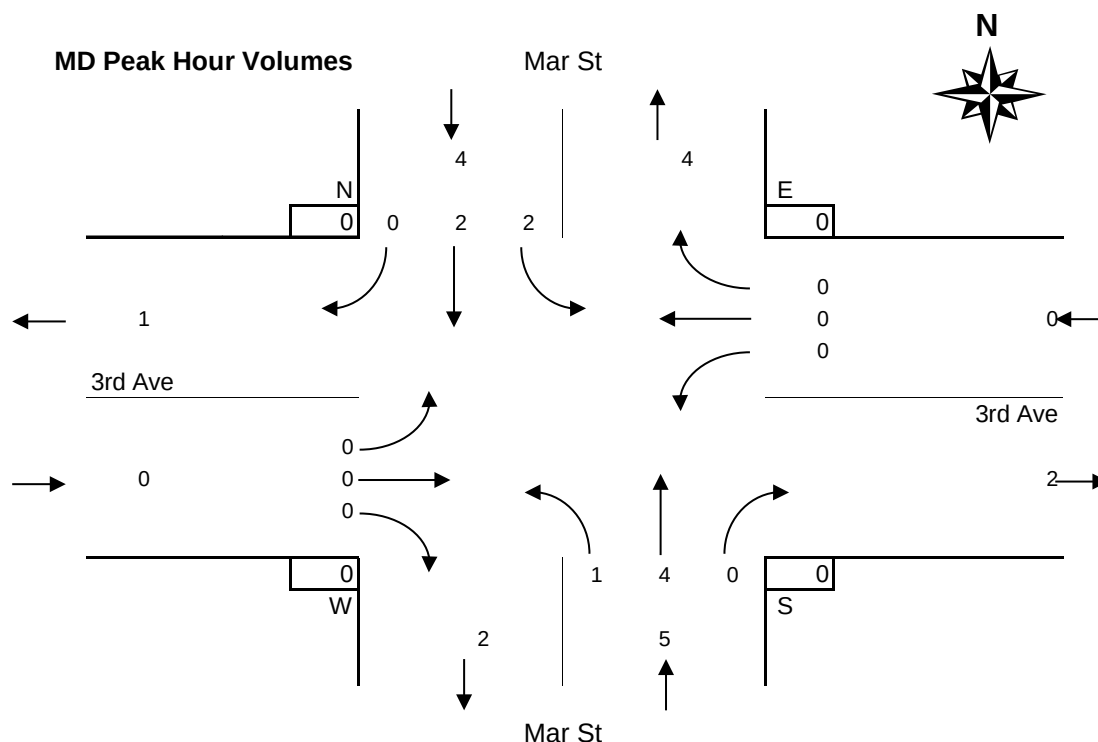
Peak hour of conflicting volumes for the intersection

Pk Hr	2	2	0	4	1	4	0	5	0	0	0	0	0	0	0	0	9*
15x4	4	8	0	8	4	8	0	8	0	0	0	0	0	0	0	0	12+
PHF	0.50	0.25	n/a	0.50	0.25	0.50	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75

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

6
12
0.50

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



PM Peak Period Utility Trucks

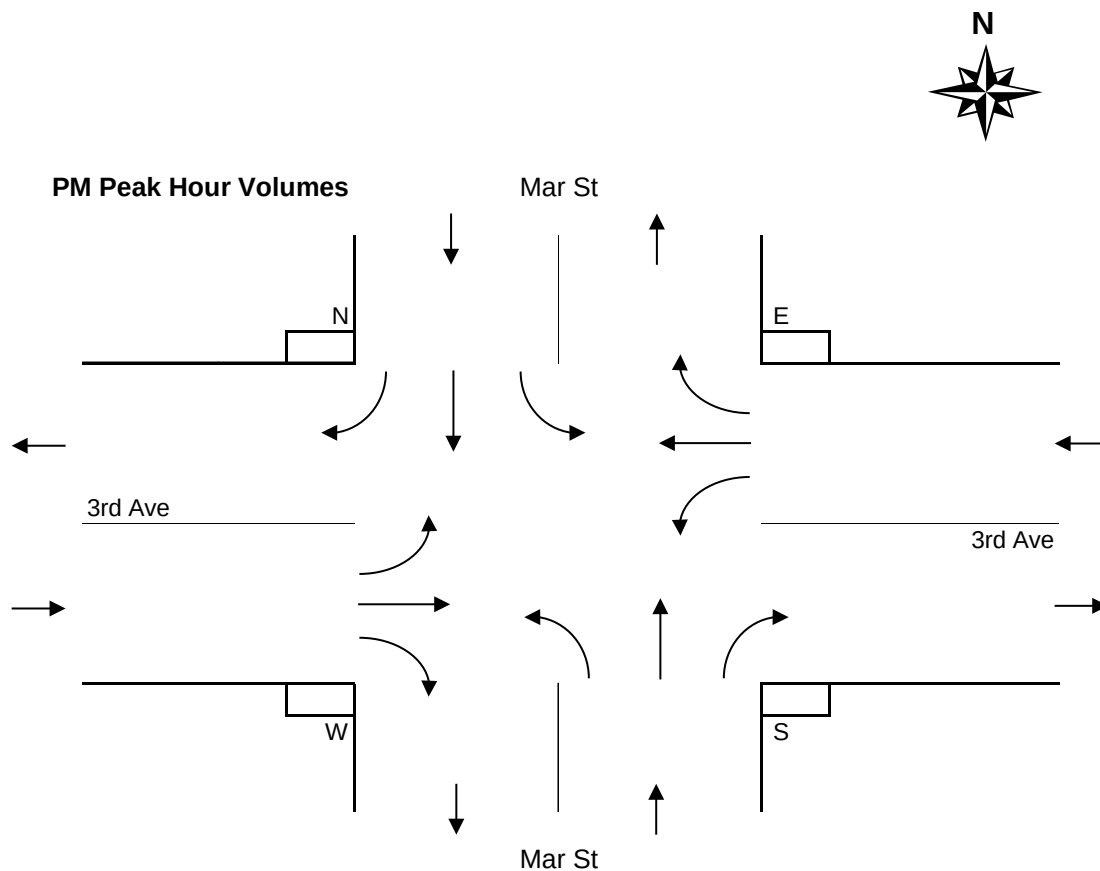
3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[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								
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	2	21	0	23	1	26	0	27	0	0	0	0	0	0	0	0	50	0	0	0	0
Avg Hr	0	3	0	3	0	3	0	3	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				
	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	15	0	15	0	0	0	0	0	0	0	0	32	0	0	0	0
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6	0	0	0	0

MD Peak Period

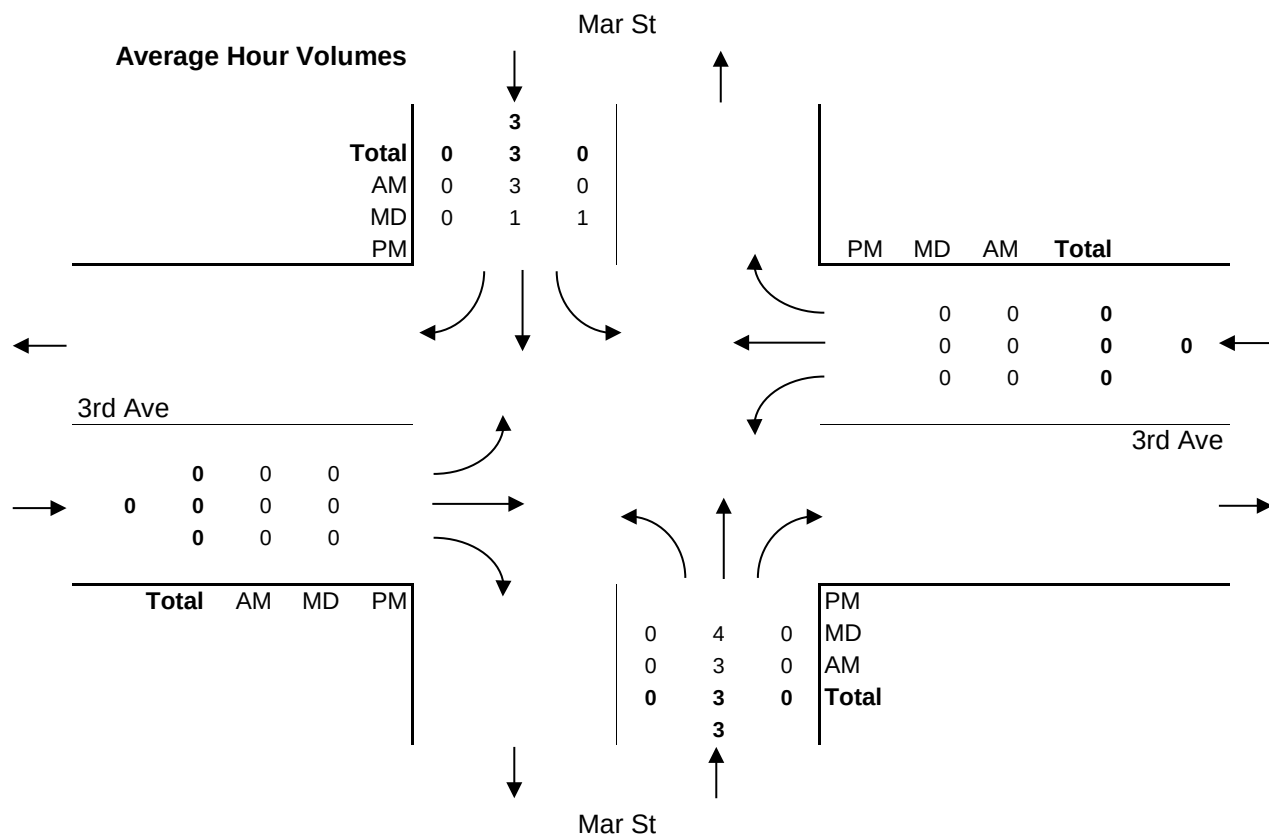
3 Hours

	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach								
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	N	S	W	E	
Total	2	4	0	6	1	11	0	12	0	0	0	0	0	0	0	0	0	0	0	0	
Avg Hr	1	1	0	2	0	4	0	4	0	0	0	0	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	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 27, 2017.xlsx
Location #: 3

Date: September 27, 2017
Day-of-week: Wednesday

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
Wednesday, September 27, 2017

[illegible]

AM Peak Period
All Vehicles Combined

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak	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	0	8	0	21	1	22	0	0	0	0	0	0	0	0	30			0	0	0	0	22	
7:15	1	13	0	14	1	13	1	15	0	0	0	0	0	1	0	1	30			0	0	0	1	16	
7:30	2	12	0	14	0	21	0	21	1	2	0	3	0	0	1	1	39			0	0	2	1	25	
7:45	1	17	0	18	0	34	1	35	1	0	1	2	0	0	2	2	57	156		0	0	0	1	39	102
8:00	1	14	0	15	1	27	1	29	2	0	0	2	0	0	1	1	47	173		0	2	0	0	32	112
8:15	3	13	0	16	2	32	1	35	0	0	0	0	1	0	1	2	53	196		1	0	1	0	37	133
8:30	2	18	2	22	2	24	2	28	0	2	1	3	0	1	3	4	57	214		0	0	0	0	32	140
8:45	3	21	0	24	1	34	3	38	2	1	2	5	0	0	7	7	74	231		0	0	2	2	49	150
9:00	3	19	1	23	0	23	3	26	1	2	1	4	0	0	7	7	60	244		0	0	0	7	37	155
9:15	4	31	5	40	1	31	1	33	3	0	1	4	0	1	4	5	82	273		0	0	1	4	45	163
9:30	2	19	7	28	0	28	1	29	2	0	1	3	0	1	9	10	70	286		2	1	1	4	43	174
9:45	7	28	5	40	0	31	4	35	2	3	0	5	1	0	13	14	94	306		1	0	2	1	57	182
10:00	6	19	3	28	1	37	2	40	2	0	0	2	0	0	13	13	83	329		1	2	2	5	60	205
10:15	7	31	7	45	0	36	4	40	1	1	1	3	0	0	9	9	97	344	+	0	4	5	4	57	217
10:30	3	22	4	29	0	28	1	29	3	3	0	6	3	0	10	13	77	351	*	1	0	0	1	45	219
10:45	6	18	1	25	6	37	4	47	3	3	0	6	0	2	16	18	96	353	*	0	0	1	2	68	230
11:00	4	17	0	21	2	44	1	47	2	3	3	8	1	2	10	13	89	359	*	0	1	1	0	63	233
11:15	3	16	0	19	0	27	0	27	2	1	0	3	0	0	14	14	63	325		2	0	1	1	46	222
11:30	2	21	0	23	2	32	4	38	2	2	2	6	1	1	12	14	81	329		1	1	0	4	53	230
11:45	10	27	0	37	6	40	1	47	6	0	1	7	1	0	18	19	110	343		0	0	1	0	75	237

Total	70	384	35	489	25	600	36	661	35	23	14	72	8	9	150	167	1389
Avg Hr	14	77	7	98	5	120	7	132	7	5	3	14	2	2	30	33	278

9	11	20	38
2	2	4	8

900

Peak hour of the intersection

Pk Hr	20	88	12	120	8	145	10	163	9	10	4	23	4	4	45	53	359	*
15x4	28	124	28	180	24	176	16	188	12	12	12	32	12	8	64	72	388	+
PHF	0.71	0.71	0.43	0.67	0.33	0.82	0.63	0.87	0.75	0.83	0.33	0.72	0.33	0.50	0.70	0.74	0.93	

1	5	7	7
4	16	20	16
0.25	0.31	0.35	0.44

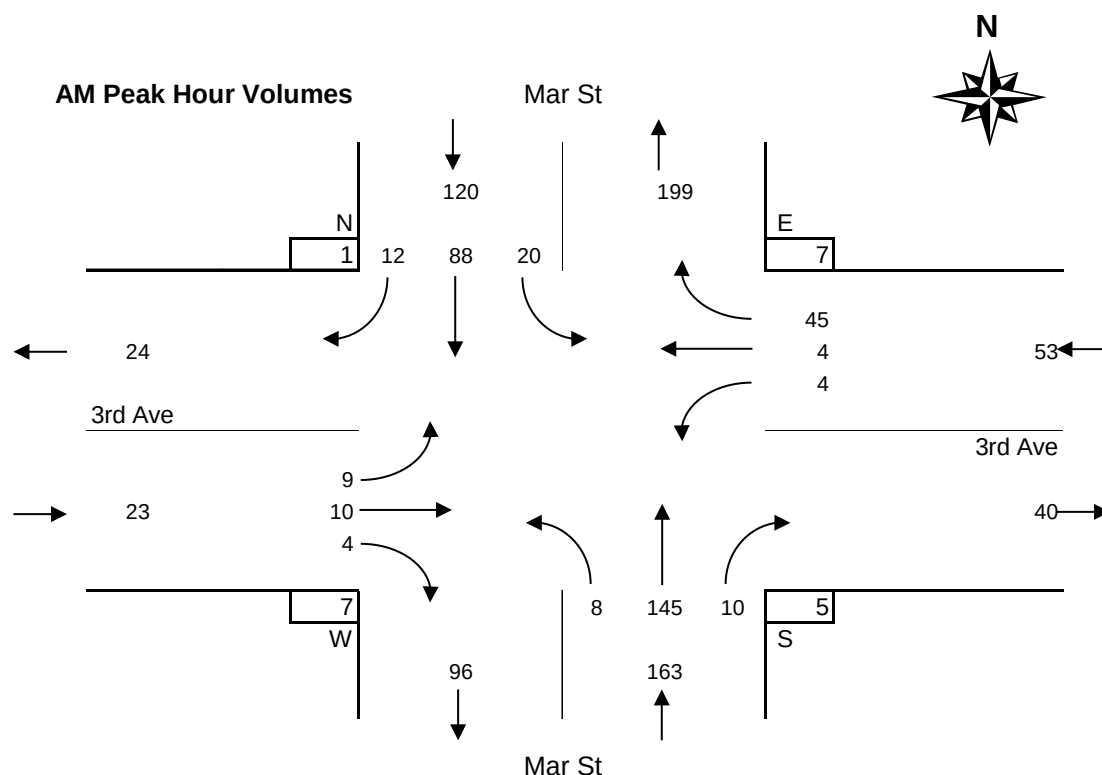
233
304
0.77

Peak hour of conflicting volumes for the intersection

Pk Hr	19	81	0	100	10	143	6	159	12	6	6	24	3	3	54	60	343	*
15x4	40	108	0	148	24	176	16	188	24	12	12	32	4	8	72	76	440	+
PHF	0.48	0.75	n/a	0.68	0.42	0.81	0.38	0.85	0.50	0.50	0.50	0.75	0.75	0.38	0.75	0.79	0.78	

3	2	3	5
8	4	4	16
0.38	0.50	0.75	0.31

237
336
0.71



MD Peak Period
All Vehicles Combined

3rd Avenue @ Mar Street
Wednesday, September 27, 2017

Time Period Begins	Mar St				Mar St				3rd Ave				3rd Ave				Total Volume		Peak	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
12:00	4	23	6	33	3	32	0	35	3	1	4	8	0	0	10	10	86			1	2	0	2	49	
12:15	3	28	4	35	0	33	1	34	0	1	2	3	1	0	12	13	85			2	1	1	2	49	
12:30	4	23	3	30	2	31	2	35	2	1	1	4	2	1	9	12	81			0	0	0	0	49	
12:45	10	25	5	40	2	32	1	35	5	0	3	8	1	0	7	8	91	343		0	0	4	2	55	202
13:00	6	28	4	38	1	34	1	36	8	1	3	12	0	1	19	20	106	363		3	1	3	4	69	222
13:15	3	30	2	35	2	41	3	46	0	2	2	4	1	1	16	18	103	381		1	0	2	1	64	237
13:30	5	30	4	39	3	22	0	25	3	0	0	3	1	0	8	9	76	376		0	0	0	2	48	236
13:45	9	25	3	37	1	37	0	38	3	4	2	9	0	0	9	9	93	378		0	0	0	0	58	239
14:00	4	23	1	28	0	30	3	33	4	0	1	5	2	1	16	19	85	357*		3	1	2	6	58	228
14:15	10	23	2	35	2	48	4	54	2	0	3	5	1	0	9	10	104	358*		1	1	4	2	73	237
14:30	6	26	1	33	1	35	0	36	3	2	0	5	0	0	12	12	86	368*		0	2	0	2	56	245
14:45	6	31	2	39	4	49	0	53	1	0	4	5	2	3	8	13	110	385+		1	0	3	0	67	254
n/a																									
n/a																									
n/a																									
n/a																									

Total	70	315	37	422	21	424	15	460	34	12	25	71	11	7	135	153	1106								
Avg Hr	23	105	12	141	7	141	5	153	11	4	8	24	4	2	45	51	369								

12	8	19	23
4	3	6	8

685

Peak hour of the intersection

Pk Hr	26	103	6	135	7	162	7	176	10	2	8	20	5	4	45	54	385*
15x4	40	124	8	156	16	196	16	216	16	8	16	20	8	12	64	76	440*
PHF	0.65	0.83	0.75	0.87	0.44	0.83	0.44	0.81	0.63	0.25	0.50	1.00	0.63	0.33	0.70	0.71	0.88

5	4	9	10
12	8	16	24
0.42	0.50	0.56	0.42

254
344
0.74

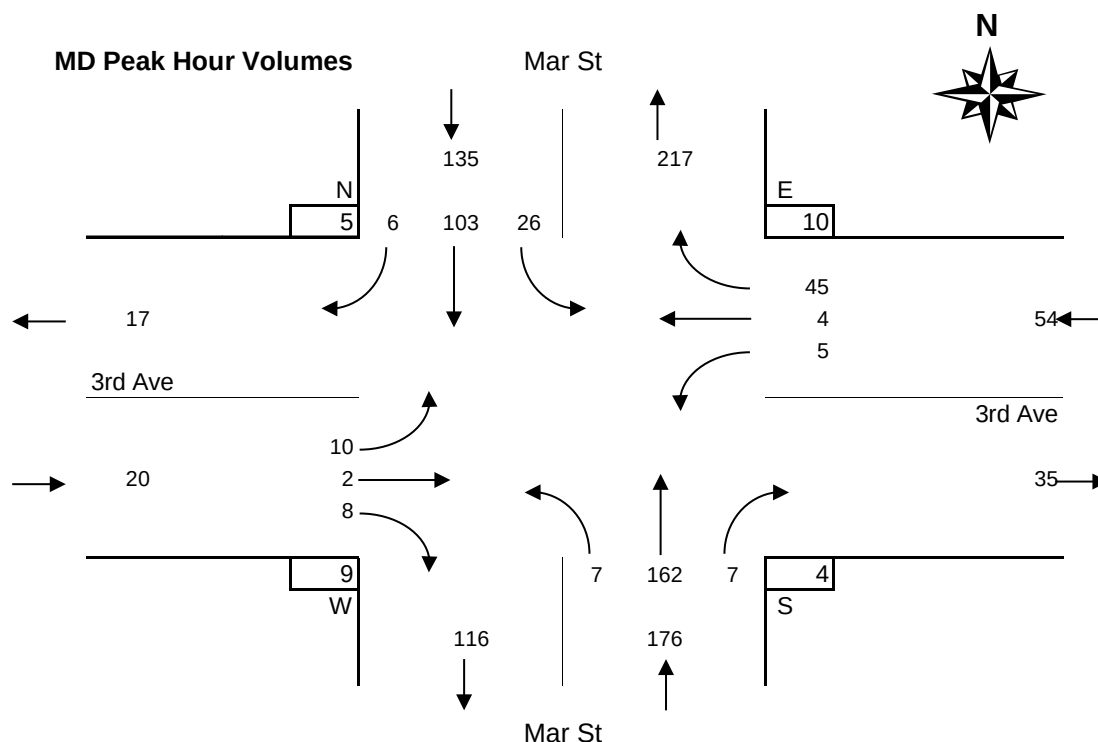
Peak hour of conflicting volumes for the intersection

Pk Hr	26	103	6	135	7	162	7	176	10	2	8	20	5	4	45	54	385*
15x4	40	124	8	156	16	196	16	216	16	8	16	20	8	12	64	76	440*
PHF	0.65	0.83	0.75	0.87	0.44	0.83	0.44	0.81	0.63	0.25	0.50	1.00	0.63	0.33	0.70	0.71	0.88

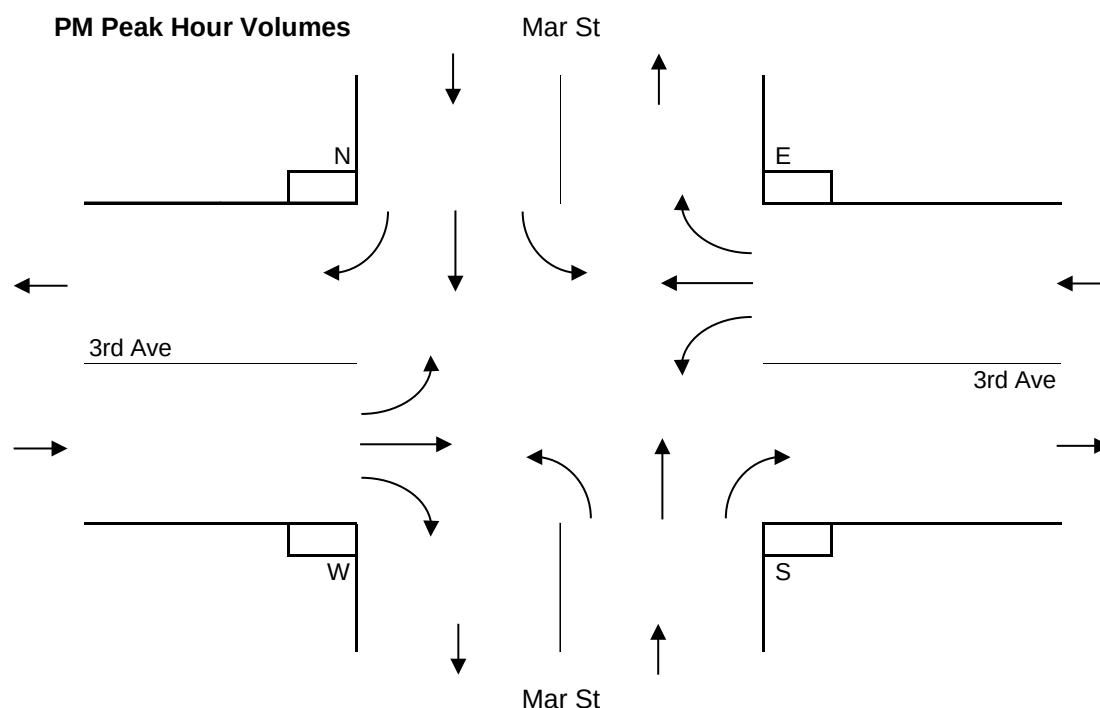
5	4	9	10
12	8	16	24
0.42	0.50	0.56	0.42

254
344
0.74

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



3rd Avenue @ Mar Street
Wednesday, September 27, 2017

[illegible]

Period Hourly Averages
All Vehicles Combined

3rd Avenue @ Mar Street
Wednesday, September 27, 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	140	699	72	911	46	1024	51	1121	69	35	39	143	19	16	285	320	2495	21	19	39	61
Avg Hr	18	87	9	114	6	128	6	140	9	4	5	18	2	2	36	40	312	3	2	5	8

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	9	11	20	38	
Period	70	384	35	489	25	600	36	661	35	23	14	72	8	9	150	167	278	2	4	8	
Avg Hr	14	77	7	98	5	120	7	132	7	5	3	14	2	2	30	33	278	2	4	8	

MD Peak Period

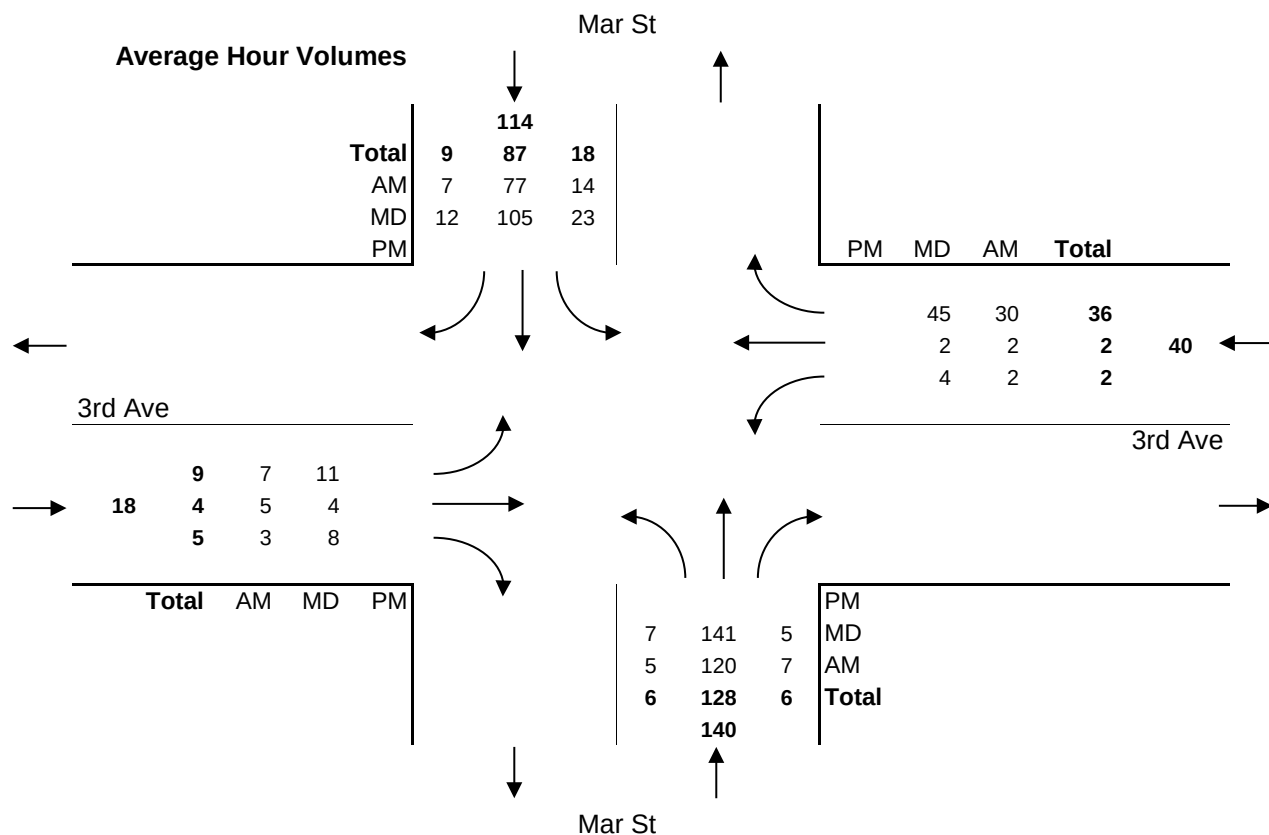
3 Hours

Totals	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	70	315	37	422	21	424	15	460	34	12	25	71	11	7	135	153	1106	12	8	19	23
Avg Hr	23	105	12	141	7	141	5	153	11	4	8	24	4	2	45	51	369	4	3	6	8

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)	9	10	4	4	4	45	8	145	10	20	88	12
Peak Hour Factor	0.75	0.83	0.33	0.33	0.50	0.70	0.33	0.82	0.63	0.71	0.71	0.43
Total Volume	35	23	14	8	9	150	25	600	36	70	384	35
% 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)	10	2	8	5	4	45	7	162	7	26	103	6
Peak Hour Factor	0.63	0.25	0.50	0.63	0.33	0.70	0.44	0.83	0.44	0.65	0.83	0.75
Total Volume	34	12	25	11	7	135	21	424	15	70	315	37
% 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)	9	9	3	4	3	44	8	131	10	18	78	12
Peak Hour Factor	0.75	0.75	0.38	0.33	0.38	0.73	0.33	0.82	0.63	0.75	0.72	0.43
Total Volume	35	21	12	8	8	147	25	537	32	67	334	34
% of Total Vehicles	100%	91%	86%	100%	89%	98%	100%	90%	89%	96%	87%	97%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	10	2	8	4	4	44	6	140	7	23	93	6
Peak Hour Factor	0.63	0.25	0.50	0.50	0.33	0.69	0.50	0.83	0.44	0.58	0.78	0.75
Total Volume	32	12	24	10	7	134	19	377	15	66	286	37
% of Total Vehicles	94%	100%	96%	91%	100%	99%	90%	89%	100%	94%	91%	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

Buses

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	9	1	0	3	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	2%	3%	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	2	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	5	0	0	2	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	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	2	2	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38	n/a	0.50	0.25	n/a
Total Volume	0	0	1	0	0	0	0	5	0	2	4	0
% of Total Vehicles	0%	0%	7%	0%	0%	0%	0%	1%	0%	3%	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	5	0	1	2	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63	n/a	0.25	0.50	n/a
Total Volume	0	0	0	0	0	0	0	9	0	1	5	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	2%	0%	1%	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	1	1	0	1	1	0	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	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	1	0	0	0	0	0	0	1	1	1	0
% of Total Vehicles	0%	4%	0%	0%	0%	0%	0%	0%	3%	1%	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	1	0	1	0	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	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	3	0	0	2	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	22	0	0	13	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	3%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	1	0	4	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	0.25	n/a	1.00	n/a	n/a	n/a	n/a

Total Volume	0	0	0	0	0	1	0	7	0	0	9	0
% of Total Vehicles	0%	0%	0%	0%	0%	1%	0%	2%	0%	0%	3%	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	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	1	0	1	0	0	1	0
% of Total Vehicles	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	1	0	0	0	0	0	0	0	0	0	1	0
% of Total Vehicles	3%	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

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	4	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	0	0	15	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	1	4	0	2	2	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.50	n/a	0.50	0.25	n/a
Total Volume	0	0	0	0	0	0	1	11	0	2	4	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	5%	3%	0%	3%	1%	0%

PM

[illegible]