

Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Regular Vehicles

Pedestrians - N indicates pedestrians crossing north approach (east/west)



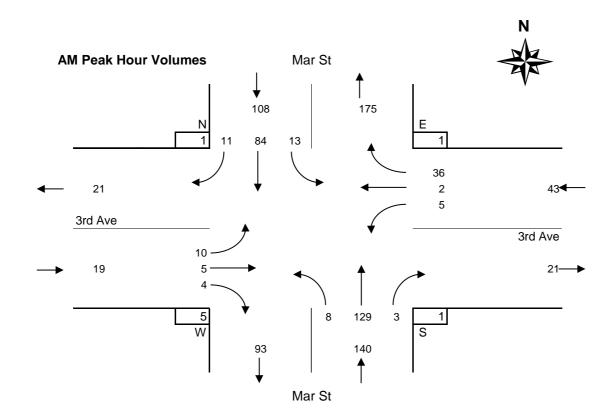
# Survey Data Regular Vehicles

Time		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave								
Period	NO	RTH A	Appro	ach	SO	UTH /	Approa	ach	WI		Approa	ach	E	AST A		ch	Total V	olume	Peak			walks	
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е
7:00	0	8	1	9	0	14	0	14	0	0	0	0	1	0	1	2	25			0	0	0	1
7:15	1	11	0	12	0			10	0	1	0	1	0	0	0	0	23			0	1	0	0
7:30	0	9	0	9	0			19	2	0	1	3	0	0	2	2	33	4.4.0	Н	0	1	0	2
7:45	0	9	0	9	0			24	0	0	0	0	0	1	1	2	35	116		3	0	0	0
8:00	2	14	1	17 12	0	21	2	23	1	0		1	0	0	3	3	44	135	$\vdash$	0	0	0	2
8:15 8:30	2 2	9 18	1 2	22	3 1	23 21	2 3	28 25	2 2	0	0	3	0	0	3 4	3 4	45 54	157 178		0	0	1	0 2
8:45	3	27	2	32	3	24		27	2	0	1	3	0	0	1	1	63	206		1	2	1	<del>-</del>
9:00	1	15	0	16	0			26	1	2	0	3	2	0	4	6	51	213	H	0	0	1	0
9:15	5	14	2	21	0		1	29	3	0	0	3	1	1	3	5	58	226		0	1	1	3
9:30	0	17	2	19	0	23		23	3	0		4	0	0	4	4	50	222		0	0	1	$\frac{3}{1}$
9:45	8	16	3	27	1	30		32	2	0		4	0	1	9	10	73	232		0	1	2	2
10:00	5	22	2	29	3		1	34	1	0		1	0	2	19	21	85	266		1	0	0	<del>-</del> 1
10:15	6	21	1	28	0			29	1	0		1	1	1	8	10	68	276		1	0	1	1
10:30	3	18	0	21	2	31	3	36	1	0		1	0	0	9	9	67	293		1	0	1	1
10:45	4	21	4	29	1	29		30	4	2	1	7	1	1	11	13	79	299		0	0	0	0
11:00	4	18	2	24	1	34		35	1	1	1	3	2	0	12	14	76	290	*	0	0	2	1
11:15	4	17	5	26	1	31	0	32	3	0	2	5	0	0	6	6	69	291	*	1	0	1	0
11:30	1	20	3	24	1	34	0	35	2	1	1	4	1	0	13	14	77	301	*	0	1	1	0
11:45	4	29	1	34	5	30	3	38	4	3	0	7	2	2	5	9	88	310	+	0	0	1	0
Total	55	333	32	420	22	508	19	549	35	10	11	56	11	9	118	138	1163			8	7	15	18
12:00	7	29	5	41	3				4	2	4	10	0	2	11	13			Ц	0	2	4	3
12:15	4	23	7	34	0		3	24	4	0	1	5	0	2	10	12	75			0	0	0	3
12:30	4	21	3	28	4	30	1	35	0	2	1	3	0	3	12	15	81			1	0	0	1
12:45	10	20	2	32	0	31	3	34	2	2	1	5	0	0	8	8	79	333	*	1	1	1	2
13:00	7	25	5	37	0	29	1	30	1	0	2	3	0	1	6	7	77	312	*	2	0	0	5
13:15	6	23	8	37	2	27	1	30	1	3	2	6	0	2	14	16	89	326	*	2	0	0	3
13:30	4	30	3	37	0			41	2	3	1	6	2	2	8	12	96	341	+	0	0	0	0
13:45	3	17	2	22	0			31	1	0		2	0	0	13	13	68	330		1	0	1	4
14:00 14:15	2	21 27	3 2	26 37	2 1	32 38	0 1	34 40	4	0		5	0	1	9	10 10	75 91	328 330		1 1	1 0	0	5 2
14:13	8 4	21	4	29	0	34		35	3 0	1	1	4 2	1 0	2 0	9	9	75	309		3	0	2	0
14:45	3	33			1			35	3	1	2	6	2	1	10			333		0	0	1	5
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Total	62	290	46	398	13	370	20	403	25	14	18	57	5	16	117	138	996			12	4	11	33
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Time		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E/	AST A	pproa	ch	Total V	olume	ak	C	Cross	walks		Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	0	8	1	9	0	14	0	14	0	0	0	0	1	0	1	2	25			0	0	0	1	15	
7:15	1	11	0		0	10	0	10	0	1	0	1	0	0	0	0	23			0	1	0	0	12	
7:30	0		0		0	18	1	19	2	0		3	0	0	2	2	33			0	1	0	2	23	
7:45	0	_	0	-	0	24	0	24	0	0	0	0	0	1	1	2	35	116		3	0	0	0	26	76
8:00	2	14	1		0	21	2	23	1	0	0	1	0	0	3	3	44	135		0	0	0	2	29	90
8:15	2		1	12	3	23	2	28	2	0	·	2	0	0	3	3	45	157		0	0	1	0	32	110
8:30	2		2	22	1	21	3	25	2	0		3	0	0	4	4	54	178		0	0	1	2	32	119
8:45	3		2		3	24	0	27	2	0		3	0	0	1	1	63	206		1	2	1	1	35	128
9:00	1	15	0		0	24	2	26	1	2		3	2	0	4	6	51	213		0	0	1	0	32	131
9:15	5		2		0	28	1	29	3	0		3	1	1	3	5	58	226		0	1	1	3	41	140
9:30	0		2		0	23	0	23	3	0		4	0	0	4	4	50	222		0	0	1	1	30	138
9:45	8		3		1	30	1	32	2	0	2	4	0	1	9	10	73	232		0	1	2	2	51	154
10:00	5		2		3	30	1	34	1	0		1	0	2	19	21	85	266		1	0	0	1	58	180
10:15	6		1	28	0	29	0	29	1	0	0	1	1	1	8	10	68	276		1	0	1	1	45	184
10:30	3		0		2	31	3	36	1	0	0	1	0	0	9	9	67	293		1	0	1	1	47	201
10:45	4		4	29	1	29	0	30	4	2	1	7	1	1	11	13	79	299		0	0	0	0	49	199
11:00	4	18	2	24	1	34	0	35	1	1	1	3	2	0	12	14	76	290	*	0	0	2	1	51	192
11:15	4		5		1	31	0	32	3	0	2	5	0	0	6	6	69	291	*	1	0	1	0	44	191
11:30	1	20	3		1	34	0	35	2	1	1	4	1	0	13	14	77	301	*	0	1	1	0	50	194
11:45	4	29	1	34	5	30	3	38	4	3	0	7	2	2	5	9	88	310	+	0	0	1	0	48	193
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Total	55		32		22	508	19	549	35	10		56		9	118	138	1163			8	7	15	18		744
Avg Hr	11	67	6	84	4	102	4	110	7	2	2	11	2	2	24	28	233			2	1	3	4		
D			• 4		_																				
Peak h							_			_			_	_			1					_			
Pk Hr	13		11	108	8		3	140	10	5		19			36	43	310	*	_	1	1	5	1	-	193
15x4	16		20	136	20	136	12	152	16	12	8	28	8	8	52	56	352	+	_	4	4	8	4	-	240
PHF	0.81	0.72	0.55	0.79	0.40	0.95	0.25	0.92	0.63	0.42	0.50	0.68	0.63	0.25	0.69	0.77	0.88		L	0.25	0.25	0.63	0.25	L	0.80
Peak h	our o	of con	flictin	a voli	ımas	for th	e inte	react	ion																
Pk Hr	22		6	_	6		5	131	5	0	2	7	1	4	45	50	293	*	Г	3	1	4	5	Г	201
15x4	32		12	116	12	124	12	144	8	0	8	16	4	8	76	84	340	+	F	4	4	8	8		260
PHF	0.69	0.88	0.50	0.91	0.50	0.97	0.42	0.91	0.63	n/a		0.44	0.25	0.50	0.59	0.60	0.86		ŀ	0.75	0.25		0.63		0.77
1 1 11	0.03	0.00	0.50	0.31	0.50	0.31	U.7Z	0.31	0.00	II/a	0.20	V.77	0.23	0.50	0.03	0.00	0.00		L	5.75	0.20	3.30	0.00	L	0.11

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

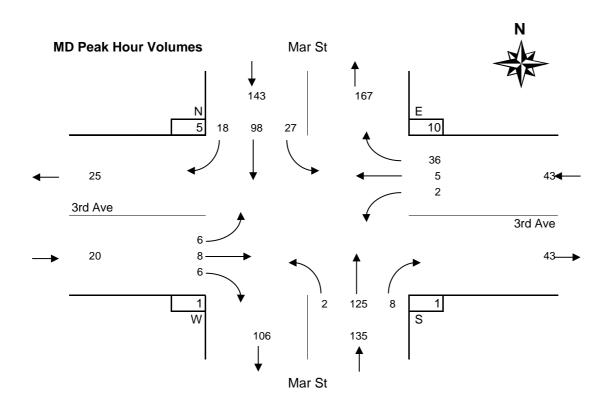


PHF 0.53 0.79

0.82

0.50 **0.89** 

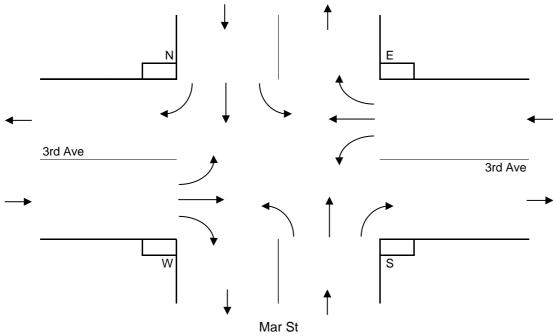
Time		Ma	r St			Ma	r St				Ave			3rd	Ave										
Period	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E/	AST A	pproa	ıch	Total V 15-min	olume	ak	(	Cross	walks	,	Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	7	29	5	41	3	28	3	34	4	2	4	10	0	2	11	13	98			0	2	4	3	55	
12:15	4	23	7		0		3	24	4	0		5	0	2	10	12	75			0	0	0	3	46	
12:30	4		3		4	30	1	35	0			3	0	3	12	15				1	0	0	1	50	
12:45	10		2		0		3	34	2			5	0	0	8			333	*	1	1	1	2	54	205
13:00	7	20	5		0	_	1	30	1	0		3	0	1	6		77	312	*	2	0	0	5	45	195
13:15	6		8		2		1	30	1	3		6	0	2	14	16		326	-	2	0		3	51	200
13:30	4	30	3		0			41	2			6	2	2	8		96	341		0	0	0	0	57	207
13:45	3		2		0	29	2	31	1	0		2	0	0	13			330	_	1	0	1	4	48	201
14:00	2		3		2	32	0	34	4	0		5	0	1	9	_		328		1	1	0	5	48	204
14:15	8		2		1	38		40	3	0	1	4	1	2	7	10	91	330	-	1	0	2	2	59	212
14:30	4		4	29	0			35	0		1	2	0	0	9			309	-	3	0	2	0	48	203
14:45	3	33	2	38	1	33	1	35	3	1	2	6	2	1	10	13	92	333		0	0	1	5	51	206
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Peak h																		ī							
Pk Hr	27							135										*		5	1	1	10		207
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PHF	0.68	0.82	0.56	0.97	0.25	0.82	0.67	0.82	0.75	0.67	0.75	0.83	0.25	0.63	0.64	0.67	0.89			0.63	0.25	0.25	0.50	i L	0.75
		_		_			_																		
Peak h				_														ī							
Pk Hr	17				3		6	146	10			17	3		37	45		*		3	1	3	11		212
15x4	32	120	12	148	8	152	12	164	16	12	4	24	8	8	52	52	384	+		4	4	8	20		272



0.78

Time			r St			Ма	r St				Ave			3rd	Ave										
Period	NO	RTH.	Appro	ach	SO	UTH	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total V	olume	ak		Cross	swalks	3	Coi	nflict
Begins		Thru	Right	Total	Left	Thru	Right	Total			Right		Left	Thru	Right	Total	Total V 15-min	Hour	Pe	N	S	W	Е	15 min	Hr
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Total																									0
Avg Hr																									
Peak h	our o	f the	inters	ectio	n																				
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a
Peak h	our o	f con	flictin	ig vol	umes	for th	<u>ne inte</u>	ersect	ion																
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a





		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			_	
	NO	RTH /	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total		
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	. [	
Total	117	623	78	818	35	878	39	952	60	24	29	113	16	25	235	276	2159		
Avg Hr	15	78	10	102	4	110	5	119	8	3	4	14	2	3	29	35	270		

(	Cross	walks	3									
N	N S W E											
20	11	26	51									
3	1	3	6									

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	NORTH Approach			SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Period	55	333	32	420	22	508	19	549	35	10	11	56	11	9	118	138	1163	
Avg Hr	11	67	6	84	4	102	4	110	7	2	2	11	2	2	24	28	233	

(	Cross	walks	S
N	S	W	Е
8	7	15	18
2	1	3	4

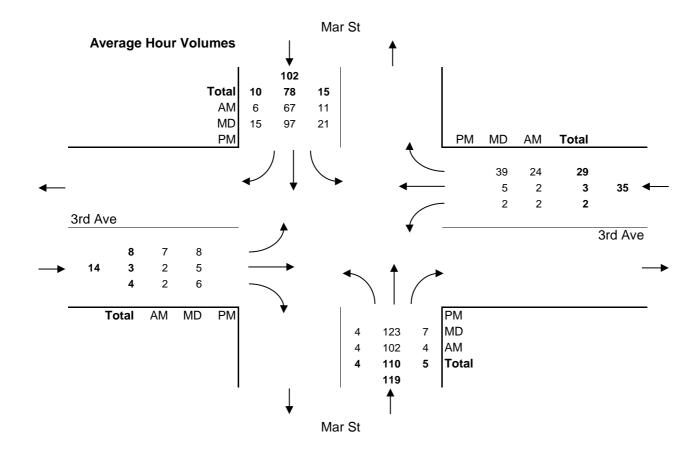
### MD Peak Period 3 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total	62	290	46	398	13	370	20	403	25	14	18	57	5	16	117	138	996	
Avg Hr	21	97	15	133	4	123	7	134	8	5	6	19	2	5	39	46	332	

(	Cross	walks	3
N	S	W	Е
12	4	11	33
4	1	4	11

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total	
Totals	Left				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

(	Cross	walks	6
N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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Signalized?: No

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**Utility Trucks** 

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Total	7:00		8.00

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This data is for Buses

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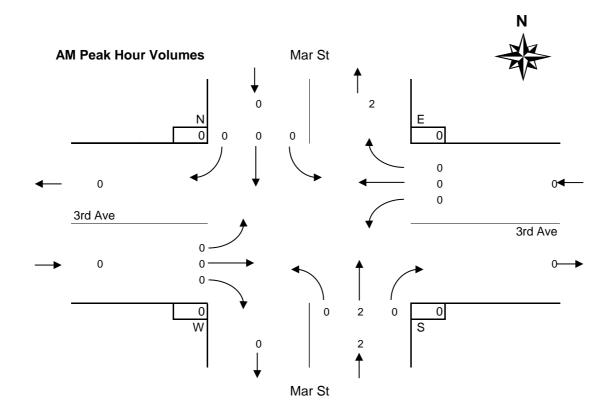
# Survey Data Buses

Time		Ма					r St			3rd					Ave								
Period			Appro				Appro	-			Approa				Approa		Total V	olume	Peak	NI I	<u> </u>	10/	_
Begins 7:00	Left 0	Thru 0	Right 0		Left 0	Thru 0	Right 0	Total 0	Left 0	Thru 0	Right 0	Total 0	Left 0	Thru 0	Right 0		15-min <b>0</b>	Hour	Д	<b>N</b>	S 0	W 0	E 0
7:15	0	0			0	1	0	1	0	0	0	0	1	0		_	2		H	0	0	0	0
7:30	0	0		1	0	0	0	0	0	0	0	0	0				1			0	0	0	0
7:45	0	0	0		0	0	0	0	0	0	0	0	0				0	3		0	0	0	0
8:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0
8:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	4		0	0	0	0
8:30	0	0				0	0	0	0	0	0	0	0				0	3		0	0	0	0
8:45	0	0	0		0	1	0	1	0	0	1	1	0				2	5		0	0	0	0
9:00	0	0			0	0	0	0	0	0	0	0	0				0	4		0	0	0	0
9:15 9:30	0	0			0	1 1	0	1	0 0	0	0	0	0				1	3	H	0	0	0	0
9:45	0	0			0	0	0	0	0	0	0	0	0				0	2		0	0	0	0
10:00	0	0			0	1	0	1	0	0	0	0	0				1	3		0	0	0	0
10:15	0	0			0	0	0	0	0	0	0	0	0				0	2		0	0	0	0
10:30	0	0			0	0	0	0	0	0	0	0	0				0	1		0	0	0	0
10:45	0	0	0		0	1	0	1	0	0	0	0	0				1	2		0	0	0	0
11:00	0	0			0	0	0	0	0	0	0	0	0				0	1	_	0	0	0	0
11:15	0	0			0	0	0	0	0	0	0	0	0				0	ı	*	0	0	0	0
11:30	0	0				2		2	0	0	0	0	0				2	3		0	0	0	0
11:45	0	0				0	0	0	0	0	0	0	0				0	2	+	0	0	0	
Total	0	1	1	2	0	10	0	10	0	0	1	1	1	0	0	1	14			0	0	0	0
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12:15	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	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	1		0	0	0	0
13:00	0	1	0		0	1	0	1	0	0	0	0	0				2	3		0	0	0	0
13:15	0	0				0	0	0	0	0	0	0	0				0	2	_	0	0	0	0
13:30	0	0			0	2	0	2	0	0	0	0	0				2		+	0	0	0	0
13:45 14:00	0	0	0		0	0 1	0	0	0 0	0	0	0	0				0 1	4		0	0	0	0
14:15	0	0		0	0	0	0	0	0	0	0	0	0				0	3	_	0	0	0	0
14:30	0	0				0	0	0	0	0	0	0	0			_	0	1	H	0	0	0	0
14:45	0	0				1	0	1	0	0	0	0	0				1	2		0	0	0	
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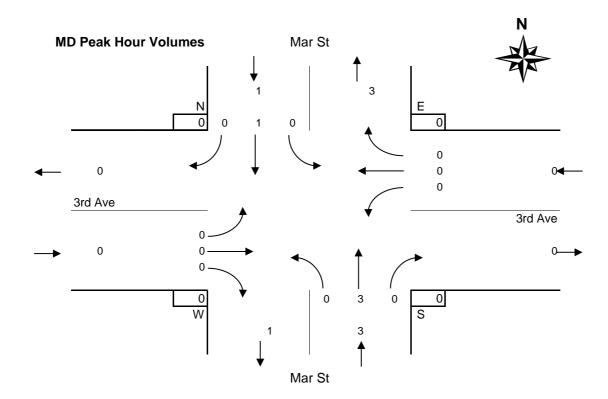


Time		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH A	Appro	ach	SO	UTH /	Approa	ich	W	EST A	Approa	ch	EA	AST A	pproa	ch	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Ье	N	S	W	Е	15 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	1	0	1	0	0	0	0	1	0	0	1	2			0	0	0	0	2	
7:30	0	0	1	1	0	0	0	0		0	0	0	0	0	0	0	1			0	0	0	0	1	
7:45	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
8:00	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	4
8:15	0	1	0		0	1	0	1	0	0	0	0	0	0	0	0	2	4		0	0	0	0	1	3
8:30	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
8:45	0	0	0		0	1	0	1	0	0	1	1	0	0	0	0	2	5		0	0	0	0	2	4
9:00	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
9:15	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
9:30	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	4
9:45	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:00	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
10:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	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	1		0	0	0	0	0	1
10:45	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	1	*	0	0	0	0	0	1
11:15	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	2	0	2		0		0	0	0	0	0	2	3		0	0	0	0	2	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	+	0	0	0	0	0	2
Total	0	1	1	2	0	10	0	10	0	0	1	1	1	٥	٥	4	1.1		Г	٥	0	٥	0	Г	12
Avg Hr	0		1 0	0	0	10 2	0	10 2	0			1 0	1	0	0	0	14 3		ŀ	0	0	0	0	L	12
wyin	J	J	J				,		U	U	Ü	•	Ü	J.	<u> </u>	٧	<u> </u>		_	J	J	<u> </u>			
Peak h	our o	f the i	inters	ectio	n																				
Pk Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	*		0	0	0	0		2
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25			n/a	n/a	n/a	n/a		0.25
Peak h	our o	f con	flictin	a voli	umes	for th	e inte	rsect	tion																
Pk Hr	0		0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	*	Γ	0	0	0	0	Γ	1
15x4	0	0	0	0	0	4	0	4	0	0		0	0	0	0	0	4	+	l	0	0	0	0		4
PHF	n/a	n/a	n/a	n/a	Ŭ	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	-	ŀ	n/a	n/a	n/a	n/a		0.25
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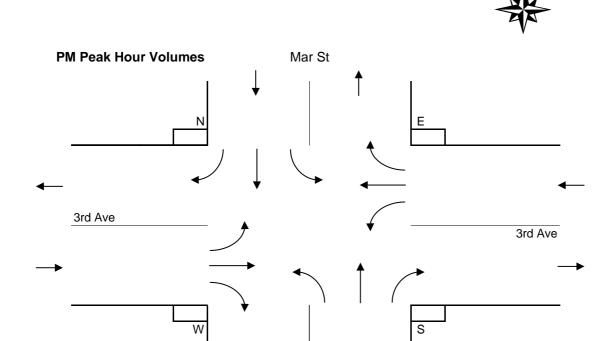
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



Time			r St			Mai					Ave			3rd											
Period	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa		Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	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	
12:15	0	0	0			1	0	1	0			0		0	0	_	-			0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
13:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	3	*	0	0	0	0	1	2
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	1
13:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	4	+	0	0	0	0	2	3
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	1	0	1	0	6	0	6	0	0	0	0	0	0	0	0	7			0	0	0	0	. [	6
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0	·	
																			-						
Peak h	our o	f the	inters	ectio	n													-							
Pk Hr	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	*		0	0	0	0		3
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	0.25	n/a	0.25	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50			n/a	n/a	n/a	n/a	. [	0.38
																			-					-	
Peak h	our o	f con	flictin	g volu	<u>umes</u>	for th	e inte	ersect	ion									<u>-</u> .	_						
Pk Hr	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3	*		0	0	0	0	. [	3
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0	. [	8
PHF	n/a	n/a	n/a	n/a	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38			n/a	n/a	n/a	n/a		0.38



Time		Ма	r St			Ma	r St				Ave			3rd											
Period	NO		Appro		SO		Appro		W		Approa		E	AST A	pproa	ach	Total V 15-min	olume	ak					Coi	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
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Total																									0
Avg Hr																									
Peak h	our o	f the	inters	sectio	n														_					_	
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a
'																			-						
Peak h	<u>our o</u>	f con	<u>flicti</u> n	ıg vol	<u>umes</u>	for th	<u>ne inte</u>	ersect	tion															-	
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a



Mar St

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave			 _	
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total		
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		N
Total	0	2	1	3	0	16	0	16	0	0	1	1	1	0	0	1	21	Ī	
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	3	Ī	

N	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	1	1	2	0	10	0	10	0	0	1	1	1	0	0	1	14
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	3

N	S	W	Е
0	0	0	0
0	0	0	0

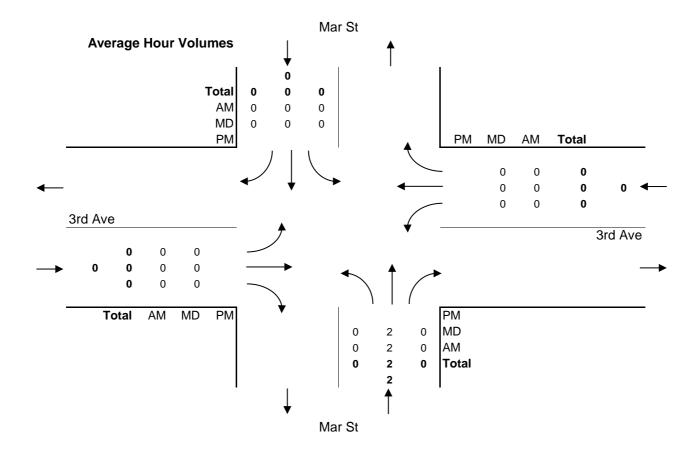
### MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	1	0	1	0	6	0	6	0	0	0	0	0	0	0	0	7
Avg Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			
	NORTH Approach			ach	SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

Z	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Articulated Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



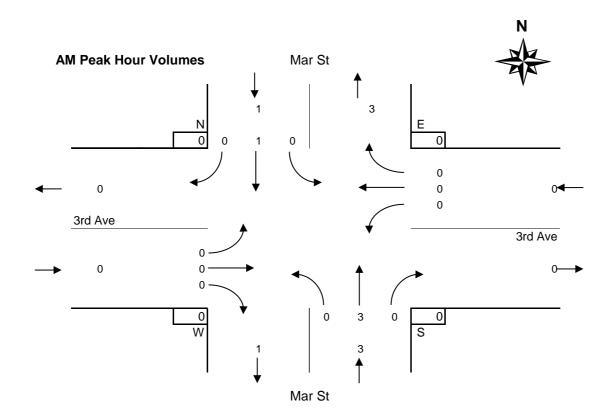
# Survey Data Articulated Trucks

Time			r St				r St				Ave			3rd									
Period			Appro				Appro				Approa				pproa		Total V		Peak	NI I	<u> </u>	) A / T	
Begins 7:00	Left 0	Thru 0	Right		Left 0	Thru	Right	Total 0	Left	Thru 0	Right 0		Left 0	Thru	Right		15-min <b>0</b>	Hour	Д	<b>N</b> 0	S	W	E
7:00	0	0	0		0	0	0	0	0	0		0	0	0	0		0		Н	0	0	0	0
7:30	0	0			0	0		0	0	0		0	0	0	0		0		Н	0	0	0	0
7:45	0	0			0	0		0	0	0		0	0	0	0		0	0	П	0	0	0	0
8:00	0	1	0		0	0		0	0	0		0	0	0	0		1	1		0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0
8:30	0	1	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	2	-	0	0	0	0
9:00	0	1	0		0	1	0	1	0	0		0	0	0	0		2	3	-	0	0	0	0
9:15	0	2			0	0		0	0	0		0	0	0	0		2	5	-	0	0	0	0
9:30 9:45	0	0 1	0		0	0		0	0	0		0	0	0	0		<u>0</u>	4 5	-	0	0	0	0
10:00	0	2			0	0		0	0	0		0	0	0	0		2	5	_	0	0	0	0
10:15	0	0			0	1	0	1	0	0		0	0	0	0		1	4	-	0	0	0	0
10:30	0	0			0	1	0	1	0	0		0	0	0	0		1	5	-	0	0	0	0
10:45	0	0			0	1	0	1	0	0		0	0	0	0		1	5	_	0	0	0	0
11:00	0	1	0		0	0	0	0	0	0		0	0	0	0		1	4	*	0	0	0	0
11:15	0	0			0	1	0	1	0	0		0	0	0	0		1	4	*	0	0	0	0
11:30	0	0			0	1	0	1	0	0		0	0	0	0		1	4	-	0	0	0	0
11:45	0	0			0	1	0	1	0	0		0	0	0	0		1	4	+	0	0	0	0
Total	0	9	0	9	0	7	0	7	0	0	0	0	0	0	0	0	16			0	0	0	0
12:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1		П	0	0	0	0
12:15	0	0			0	0		0	0	0		0	0	0	0		0		П	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
13:00	0	0			0	0		0	0	0		0	0	0	0		0		*	0	0	0	0
13:15	0	0			0	2		2	0	0		0	0	0	0		2		*	0	0	0	0
13:30	0	0			0	0		0	0	0		0	0	0	0		0		+	0	0	0	0
13:45 14:00	0	2	0		0	0 1	0	0 1	0	0		0	0	0	0		2	4	-	0	0	0	0
14:15	0	1 1	0		0	1	0	1	0	0	0	0	0	0	0		2	6	-	0	0	0	0
14:30	0	0			0	2		2	0	0		0	0	0	0		2	8	-	0	0	0	0
14:45	0	1	0		0	1	0	1	0	0		0	0	0	0		2	8	_	0	0	0	0
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Total	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13			0	0	0	0
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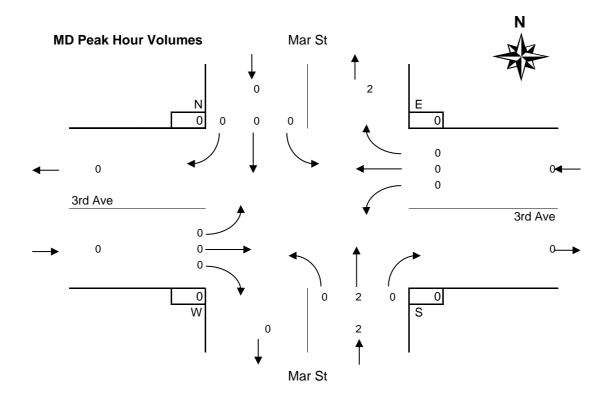


Time		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ich	W	EST A	Approa	ıch	E	AST A	pproa	ch	Total V 15-min	olume	ak					Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 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	
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	1	0	1	0	0	0	0	0	0	0	0		0	0	0	1	1		0	0	0	0	1	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	2		0	0	0	0	0	2
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	2	0	2	0	0	0	0		0	0	0		-	0	0	2	5		0	0	0	0	2	4
9:30	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	4		0	0	0	0	0	3
9:45	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	4
10:00	0	2	0		0	0	0	0	0	0	0	0	0	0	0	0	2	5		0	0	0	0	2	5
10:15	0	0	0		0	1	0	1	0	0	0	0			0	0	1	4		0	0	0	0	1	4
10:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	5
10:45	0	0	0	0	0	1	0	1	0	0	0	0		0	0	0	1	5		0	0	0	0	1	5
11:00	0	1	0		0	0	0	0	0	0	0	0		0	0	0	1	4	*	0	0	0	0	1	4
11:15	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4	*	0	0	0	0	1	4
11:30	0	0	0		0	1	0	1	0	0	0	0		0	0	0	1	4	*	0	0	0	0	1	4
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4	+	0	0	0	0	1	4
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15x4	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	4	+		0	0	0	0		4
PHF	n/a	0.25	n/a	0.25	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00			n/a	n/a	n/a	n/a	, [	0.75
Peak h	our o	of con	flictin	a voli	umes	for th	e inte	rsect	ion																
Pk Hr	0		0		0	2	0	2	0	0	0	0	0	0	0	0	5	*	Γ	0	0	0	0	Г	3
15x4	0	8	0	_	0	4	0	4	0	0		0	0	0	0	0	8	+	ŀ	0	0	0	0	, 1	8
PHF	n/a	0.38	n/a	_	Ū	0.50	n/a	0.50	n/a	n/a		n/a	n/a	n/a	n/a	n/a	0.63	-	ŀ	n/a	n/a	n/a	n/a	, F	0.38
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<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



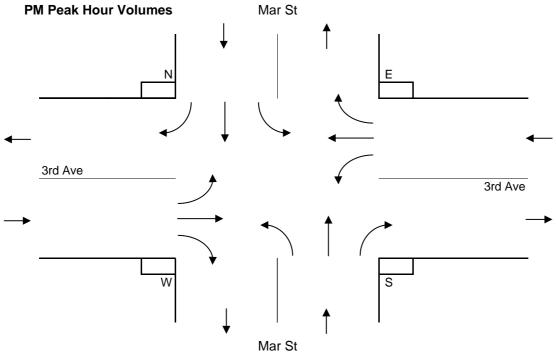
Time		Mar				Mai					Ave			3rd											
Period		RTH A				UTH A	Approa	ach	W	EST A	Approa	ach	EA	AST A	pproa		Total V	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	0	0	0	0	1	0	1	0	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	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
13:00	0	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	2	0	2	0			0		0	0	0	2	2	*	0	0	0	0	2	2
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	+	0	0	0	0	0	2
13:45	0	2	0		0	0	0	0	0			0	0	0	0	0	2	4		0	0	0	0	2	4
14:00	0	1	0		0	1	0	1	0	_		0		0	0	0	2	6		0	0	0	0	1	5
14:15	0	1	0		0	1	0	1	0			0		0	0	0		6		0	0	0	0	1	4
14:30	0	0	0	0	0	2	0	2	0	0	0	0		0	0	0	2	8		0	0	0	0	2	6
14:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	8		0	0	0	0	1	5
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Total	0	5	0	5	0	8	0	8	0			0	0	0		0	13			0	0	0	0		8
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	4			0	0	0	0		
Peak h	our o	f the i	nters	ectio	n										_									_	
Pk Hr	0	0	0	0	0	2	0	2	0			0	0	0	0	0	2			0	0	0	0		2
15x4	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	n/a	n/a	n/a	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25			n/a	n/a	n/a	n/a		0.25
Peak h		f conf	lictin	g volu	ımes	for th	e inte	ersect	ion																
Pk Hr	0	4	0	4	0	2	0	2	0			0		0		0	6	*		0	0	0	0		4
15x4	0	8	0	8	0	4	0	4	0			0	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	0.50	n/a	0.50	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75			n/a	n/a	n/a	n/a		0.50



# PM Peak Period Articulated Trucks

Time		Ma	r St			Ma	r St				Ave			3rd	Ave										
Period	NO		Appro				Appro		W	EST A			E	AST A	pproa	ach	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
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Total																			ŀ					l l	0
Avg Hr																			L					i	
Peak h	our o	f the	inters	sectio	n																				
Pk Hr																		*							0
15x4																		+						i l	0
PHF																								i l	n/a
				•																				. •	
Peak h	our o	f con	flictin	ıg vol	umes	for th	ne inte	ersect	ion										r					ı r	
Pk Hr																		*	ı					i	0
15x4																		+	ļ						0
PHF																			Ĺ					i [	n/a





		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			_		
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		Ν	Ī
Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29		0	Ī
Avg Hr	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4		0	Ī

N		S	W	Е
	0	0	0	0
	0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach			ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ch	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	9	0	9	0	7	0	7	0	0	0	0	0	0	0	0	16
Avg Hr	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3

N	S	W	Е
0	0	0	0
0	0	0	0

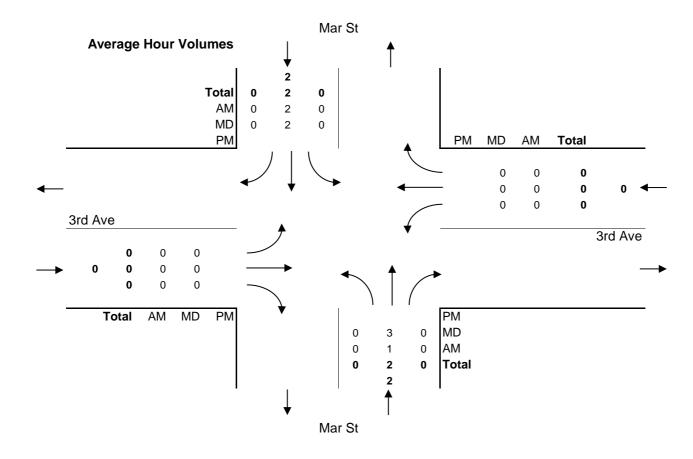
### MD Peak Period 3 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach			ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	5	0	5	0	8	0	8	0	0	0	0	0	0	0	0	13
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	4

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NORTH Approach			ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Cube Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



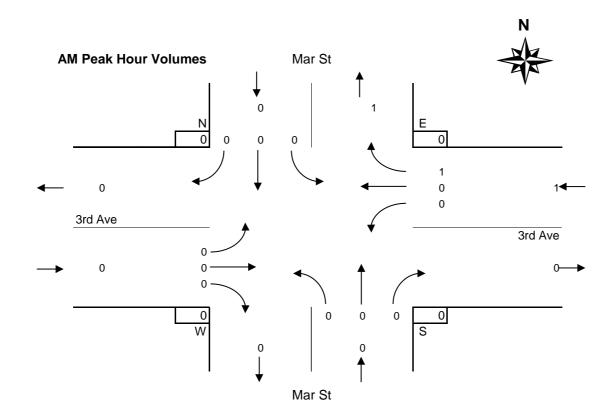
# Survey Data Cube Trucks

Period   MORTH Approach   SOUTH APPROA	Time		Ма	r St			Ma	r St			3rd	Ave	3rd Ave											
7.00  7.00	Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	WI	EST A	Approa	ıch	Ε	AST A	Approa	ach	Total V	olume	ak				
7:15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Begins	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е
Table		0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0
1.45		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0
8300 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
8315 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	3	П	0	0	0	0
8390 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	2		0	0	0	0
8.45 0 1 0 1 0 1 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	2		0	0	0	0
8.45 0 1 0 1 0 1 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	1	П	0	0	0	0
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Total Total																				$\Box$				
	Total																							

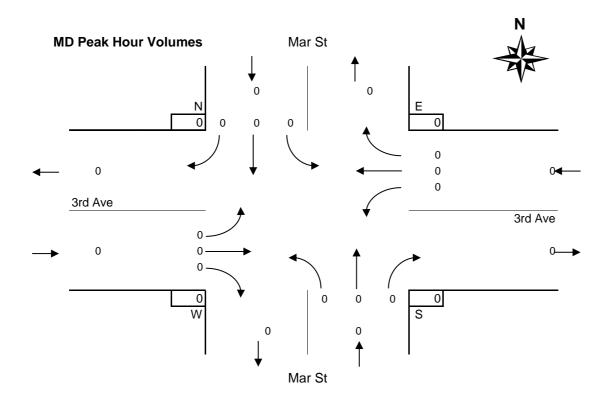


Time		Ma				Ma					Ave				Ave										
Period	NO	RTH /			SO	UTH A	Approa	ch	W		Approa		E	AST A	pproa	ıch	Total V	olume	Peak					Cor	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	0	0	0	0	0	1	0	1	0	0	0	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	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
8:00	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
8:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
8:30	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
8:45	0	1	0		0	0	0	0		0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
9:00	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:30	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:45	0	0	0		0	0	0	0	0	0	1	1	0	0	0	0	1	1		0	0	0	0	1	1
10:00	0	0	0		0	1	0	1	0	0	0	0	0	0	1	1	2			0	0	0	0	2	3
10:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
10:45	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	2	4		0	0	0	0	2	4
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	2
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	*	0	0	0	0	1	3
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	0	2	0	3	1	1	0	0	2	2	0	0	2	2	10		Г	0	0	0	0	Г	6
Avg Hr	0		0	0	0	1	0	1	0	0		0	0	0		0	2		ŀ	0	0	0	0	L	
y wg i ii	U	U	0		- U	'	<u> </u>	•	U	U	U		O	U	U	V	2	,	L	<u> </u>	o <sub>l</sub>	<u> </u>	U		
Peak h	our o	f the	inters	ectio	n													•						_	
Pk Hr	0	0	0	0	0	0	0	0	0			0	0	0	1	1	1	*	L	0	0	0	0		1
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PHF	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.25			n/a	n/a	n/a	n/a		0.25
Peak h	our o	f con	flictin	a voli	ımes	for th	e inte	rsect	ion																
Pk Hr	0	0	0	0	0	1	0	1	0	0	1	1	0	0	1	1	3	*	Γ	0	0	0	O	Г	2
15x4	0	0	0	0	0	4	0	4	0	0		4	0	0	4	4	8	+	ŀ	0	0	0	0	-	8
PHF	n/a	n/a	n/a	n/a	ŭ	0.25		0.25	n/a	n/a		0.25	n/a	n/a	0.25	0.25	0.38	•	ŀ	n/a	n/a	n/a	n/a	-	0.25
1 1 11	11/a	11/a	11/a	11/0	11/a	0.20	11/4	U.2J	11/a	II/a	0.23	0.23	11/4	11/a	0.23	0.23	0.00		L	TI/A	11/4	11/4	11/a	L	0.20

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

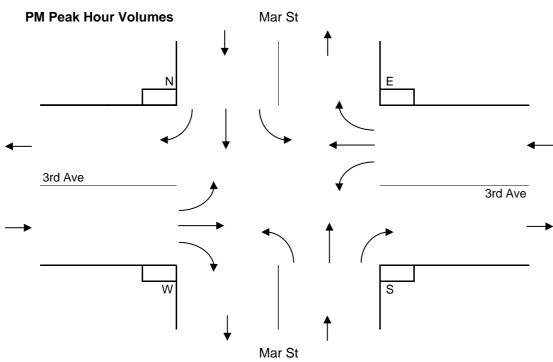


Time		Ма				Mai					Ave			3rd											
Period	NO		Appro		SO	UTH A			W	EST A	Approa	ach	E/	AST A	pproa		Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	1	0	1	0	0	0	0	0			0	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	0		0	0	0	0	0			0		0	0	0				0	0	0	0	0	
12:45	0	0	0		0	0	0	0	0			0		0	0		_	2	*	0	0	0	0	0	2
13:00	0	0			0	0	0	0	0	0	0	0		0	0	0	<u> </u>	1	*	0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0		0	0	0	0	0	0
14:00	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	2		0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	1
14:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	2
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
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n/a																									
Total	0	2	1	3	0	1	1	2	0	0	0	0	0	0	0	0	5		ſ	0	0	0	0		3
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2		ĺ	0	0	0	0	-	
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Peak h	our o	f the	inters	ectio	n														_					_	
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0	Ī	0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0	İ	0
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,	•			•							•								•					•	
Peak h	our o	f con	flictin	g volu	ımes	for th	e inte	rsect	ion																
Pk Hr	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	*		0	0	0	0	[	1
15x4	0	0	4	4	0	4	0	4	0	0	0	0	0	0	0	0	8	+		0	0	0	0	j	4
PHF	n/a	n/a	0.25	0.25	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25			n/a	n/a	n/a	n/a		0.25



Time		Ма	r St			Ма	r St				Ave			3rd											
Period	NO		Appro		SO		Appro		W		Approa		E	AST A	pproa	ach	Total V 15-min	olume	ak					Coi	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
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Peak h	our o	f the	inters	sectio	n														_					_	
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a
'																			-						
Peak h	<u>our o</u>	f con	<u>flicti</u> n	ıg vol	<u>ume</u> s	for th	<u>ne inte</u>	<u>ersect</u>	tion															-	
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a





			Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			_		
		NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total			
		Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		N	S
-	Total	0	4	1	5	0	4	2	6	0	0	2	2	0	0	2	2	15		0	
	Avg Hr	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2		0	

N		S	W	Е
	0	0	0	0
	0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	2	0	2	0	3	1	4	0	0	2	2	0	0	2	2	10
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2

N	S	W	Е
0	0	0	0
0	0	0	0

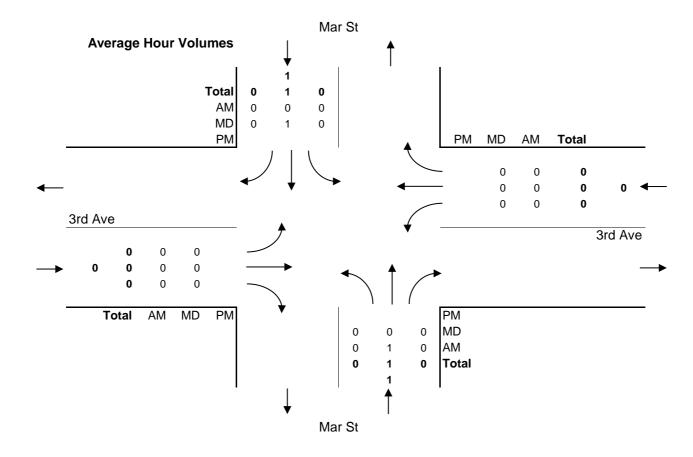
### MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	NORTH Approach  Left Thru Right Tota			SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	2	1	3	0	1	1	2	0	0	0	0	0	0	0	0	5
Avg Hr	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NORTH Approach  Left Thru Right Tota				SO	UTH A	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

Ν	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Dump Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



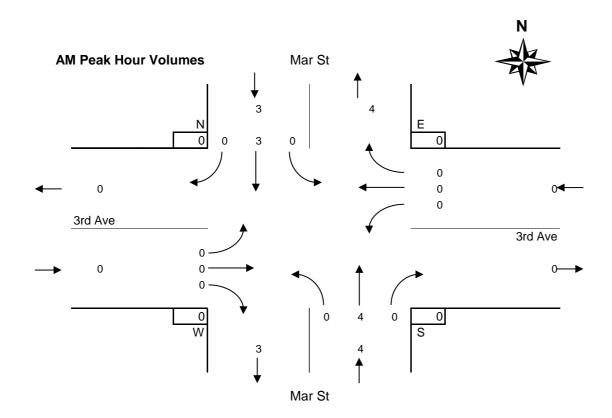
# Survey Data Dump Trucks

Time		Ма	r St			Ма					Ave				Ave								
Period			Appro				Appro				\pproa				pproa		Total V 15-min	olume	eak				
Begins	Left	Thru	Right		Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right			Hour	ď	N	S	W	E
7:00 7:15	0	0 1	0	0 1	0	0	0	0	0	0	0	0	0			0	0 1			0	0	0	_
7:30	0	0				1	0	1	0	0		0	0			_	1			0	0	0	
7:45	0	1			0	2	0	2	0	0		0	0		_	_	3	5	H	0	0	0	_
8:00	0	1			1	0	0	1	0	0		0	0		_	_	2	7		0	0	0	_
8:15	0	0				1	0	1	0	0		0	0	0	0	0	1	7		0	0	0	0
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	9		0	0	0	0
8:45	0	0				0	0	0	0	0		0	0	0	0	0	0	6		0	0	0	0
9:00	0	4			0	2	0	2	0	0		0	0		_	_	6	10	_	0	0	0	_
9:15	0	0				0	0	0	0	0		0	0	_		_	0	9		0	0	0	-
9:30	0	2				2	0	2	0	0		0	0			_	4	10		0	0	0	-
9:45	0	2 0				2 0	0	2 0	0 0	0		0	0			_	4	14	_	0	0	0	-
10:15	0	1				3	0	3	0	0		0	0			_	0 4	8 12		0	0	0	-
10:13	0	0				1	0	1	0	0		0	0			_	1	9	_	0	0	0	-
10:45	0	2				0	0	0	0	0		0	0			_	2	7	H	0	0	0	
11:00	0	0				2	0	2	0	0		0	0				2	9	*	0	0	0	
11:15	0	1	0		0	0	0	0	0	0		0	0				1	6	_	0	0	0	
11:30	0	1			0	1	0	1	0	0		0	0			0	2	7	_	0	0	0	
11:45	0	1				1	0	1	0	0	0	0	0	0	0	0	2	7	+	0	0	0	0
Total	0	19	0	19	1	19	0	20	0	0	0	0	0	0	0	0	39			0	0	0	0
12:00	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3		П	0	0	0	0
12:15	0	2				0	0	0	0	0		0	0				2		H	0	0	0	_
12:30	0	0				0	0	0	0	0		0	0				0			0	0	0	Ŭ
12:45	0	1			0	3	0	3	0	0		0	0			_	4	9	*	0	0	0	
13:00	0	0				0	0	0	0	0		0	0	0	0	0	0	6	-	0	0	0	0
13:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	7	*	0	0	0	0
13:30	0	1	-		0	0	0	0	0	0		0	0	0	0	0	1	8	+	0	0	0	0
13:45	0	1			0	2	0	2	0	0		0	0		_	_	3	7		0	0	0	_
14:00	0	1			0	3	0	3	0	0		0	0		_	_	4	11	Ш	0	0	0	_
14:15	0	2				0	0	0	0	0		0	0		_	_	2	10	_	0	0	0	_
14:30 14:45	0	0 3				1 3	0	1	0	0		0	0	_			1 6	10		0	0	0	_
n/a	U	3	U	3	U	3	- 0	3	0	0	U	0	U	U	0	0	О	13		0	0	0	
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Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29			0	0	0	0
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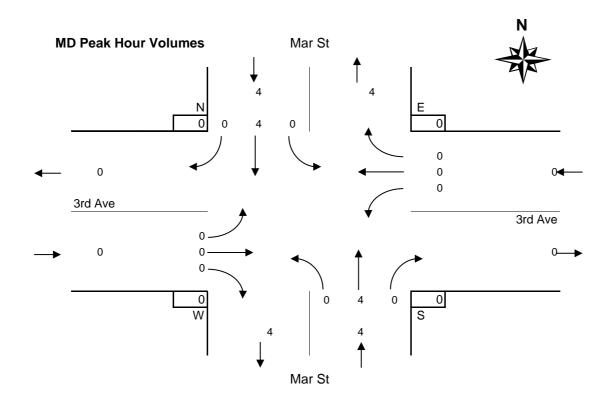


Time		Ма	r St			Mai	r St				Ave			3rd	Ave										
Period	NO	RTH /			SO	UTH A	Approa	ch	W	EST A	Approa	ıch	E	AST A	pproa	ch	Total V	olume	Peak					Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:45	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3	5		0	0	0	0	2	4
8:00	0	1	0		1	0	0	1	0	0	0	0	0	0	0	0	2	7		0	0	0	0	2	6
8:15	0	0	0		0	1	0	1	0	0	0	0		0	0	0	1	7		0	0	0	0	1	6
8:30	0	2	0		0	1	0	1	0	0	0	0		0	0	0	3	9		0	0	0	0	2	7
8:45	0	0	0	_	0	0	0	0	_	0	0	0	-	0	0	0	0	6		0	0	0	0	0	5
9:00	0	4	0		0	2	0	2	0	0	0	0	0	0	0	0	6	10		0	0	0	0	4	7
9:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	9		0	0	0	0	0	6
9:30	0	2	0		0	2	0	2	0	0	0	0	0	0	0	0	4	10		0	0	0	0	2	6
9:45	0	2	0		0	2	0	2	0	0	0	0	0	0	0	0	4	14		0	0	0	0	2	8
10:00	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	8		0	0	0	0	0	4
10:15	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	12		0	0	0	0	3	7
10:30	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	9		0	0	0	0	1	6
10:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7		0	0	0	0	2	6
11:00	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	9	*	0	0	0	0	2	8
11:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	*	0	0	0	0	1	6
11:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	7	*	0	0	0	0	1	6
11:45	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	7	+	0	0	0	0	1	5
Total	0	19	0	19	1	19	0	20	0	0	٥	0	0	0	0	0	39		Г	0	0	0	0	Г	20
Avg Hr	0		0	4	0	4	0	4	0	0		0	0	0	0		8		ŀ	0	0	0	0	L	20
Avgiii	U	7	U	7	U	4	U	7	U	U	U		U	U	U	U	0		L	υĮ	U	U <sub>I</sub>	U		
Peak h	our o	f the	inters	ectio	n														_					_	
Pk Hr	0	3	0	3	0	4	0	4	0			0	0	0	0	0	7	*		0	0	0	0		4
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	0.75	n/a	0.75	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.88			n/a	n/a	n/a	n/a		0.50
Peak h	our o	f con	flictin	a voli	ımes	for th	e inte	rsect	ion																
Pk Hr	0	ર ૩૦11	0	_	0	6	0	6	0	0	0	0	0	0	0	0	9	*	Γ	0	0	0	0	Γ	6
15x4	0	8	0	_	0	12	0	12	0	0		0	0	0	0	0	16	+	ŀ	0	0	0	0	, F	12
PHF	n/a	_	n/a	Ŭ	n/a			0.50	n/a	n/a		n/a	n/a	n/a	n/a	n/a	0.56	. •	}	n/a	n/a	n/a	n/a	, F	0.50
1 1 11	11/a	0.50	II/a	0.50	11/a	0.50	11/d	0.00	II/a	II/a	11/4	11/4	11/a	11/a	11/a	II/a	0.50		L	TI/A	11/a	TI/A	11/a	. L	0.50

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

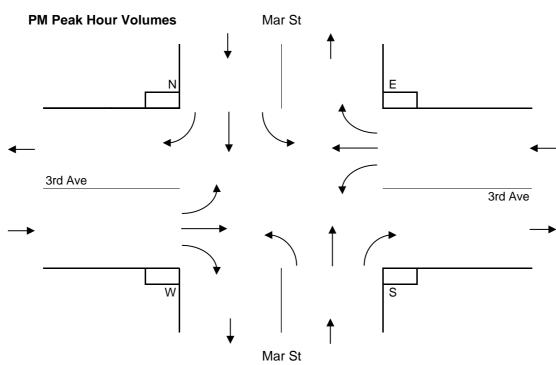


Time		Ма				Mai					Ave			3rd											
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E/	AST A	pproa	ch	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	1	0		0	2	0	2	0			0	0	0	0	0	_			0	0	0	0	2	
12:15	0	2	0		0	0	0	0	0	0	0	0	0	0	0	0				0	0	0	0	2	
12:30	0	0	0		0	0	0	0	0			0		0	0	0				0	0	0	0	0	
12:45	0	1	0		0	3	0	3	0			0		0	0			9		0	0	0	0	3	7
13:00	0	0	0		0	0	0	0	0	0	0	0		0	0	0	•	6		0	0	0	0	0	5
13:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	7	*	0	0	0	0	2	5
13:30	0	1	0		0	0	0	0	0	0	0	0		0	0			8	+	0	0	0	0	1	6
13:45	0	1	0	1	0	2	0	2	0	_		0	-	0	0	0	_	7		0	0	0	0	2	5
14:00	0	1	0	1	0	3	0	3	0	0	0	0	0	0	0	0	4	11		0	0	0	0	3	8
14:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	10		0	0	0	0	2	8
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	10		0	0	0	0	1	8
14:45	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6	13		0	0	0	0	3	9
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																								_	
Total	0	14	0	14	0		0	15	0			0	0	0	0	0	29			0	0	0	0		15
Avg Hr	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	10			0	0	0	0		
,																			_						
Peak h	our o	f the	inters	ectio	n														_					_	
Pk Hr	0	4	0	4	0	4	0	4	0			0	0	0	0	0	_	*		0	0	0	0		4
15x4	0	8	0	-	0	12	0	12	0	0	0	0	0	0	0	0	16	+		0	0	0	0		12
PHF	n/a	0.50	n/a	0.50	n/a	0.33	n/a	0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50			n/a	n/a	n/a	n/a		0.33
						<u> </u>													_					_	
Peak h	our o	f con	flictin	g volu	ımes	for th	e inte	ersect	ion						-				_		-		-		
Pk Hr	0	5	0		0		0	5	0			0	0	0	0	0	10	*		0	0	0	0		5
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	16	+		0	0	0	0	Į	12
PHF	n/a	0.63	n/a	0.63	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63			n/a	n/a	n/a	n/a		0.42



Time			r St				r St				Ave			3rd	Ave										
Period	NO	RTH.	Appro	ach	SO	UTH.	Appro	ach	W	EST /	Appro	ach	E	AST A	pproa	ach	Total V	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Total V 15-min	Hour	Pe	N	S	W	Е	15 min	Hr
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Da alala		£ 41	·	4! .																					
Peak h	our o	tne	inters	ectio	n I																				0
Pk Hr 15x4																									0
																		+							0 n/a
PHF																								Į Į	n/a
Peak h	our o	of con	flictin	a vol	umes	for th	ne inte	ersect	tion																
Pk Hr	- u. U																	*							0
15x4																		+							0
PHF																									n/a
1 1 11																								l l	11,0





		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			_		
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		N	I
Total	0	33	0	33	1	34	0	35	0	0	0	0	0	0	0	0	68		0	I
Avg Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	9		0	Ī

N	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			
	NO	NORTH Approach  Left   Thru   Right   Tota			SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Period	0	19	0	19	1	19	0	20	0	0	0	0	0	0	0	0	39	
Avg Hr	0	4	0	4	0	4	0	4	0	0	0	0	0	0	0	0	8	

N	S	W	ш
0	0	0	0
0	0	0	0

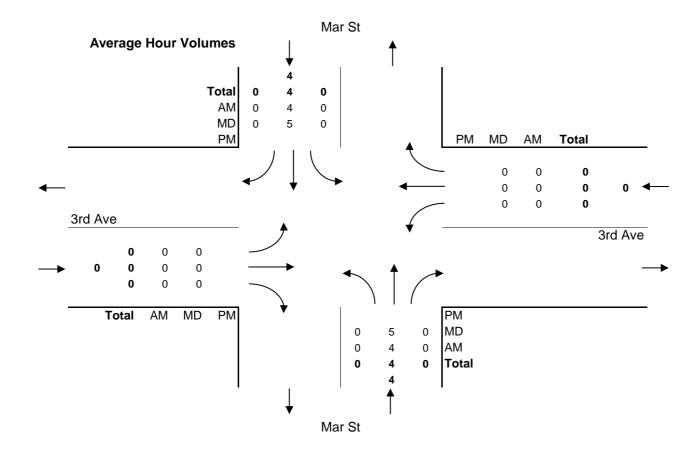
### MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	ORTH Approach t Thru Right To		ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	14	0	14	0	15	0	15	0	0	0	0	0	0	0	0	29
Avg Hr	0	5	0	5	0	5	0	5	0	0	0	0	0	0	0	0	10

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			
	NO	RTH	H Approach ru Right Total		SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Emergency Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



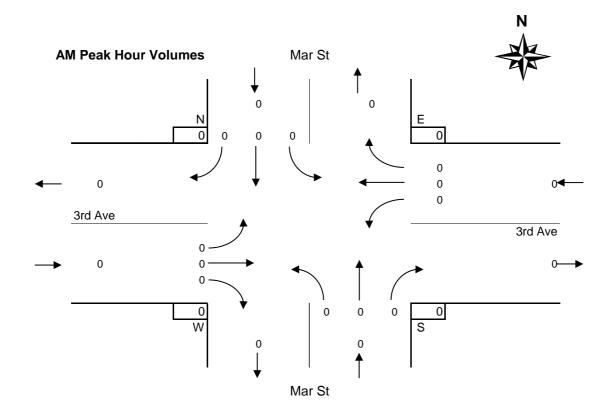
# Survey Data Emergency Trucks

Time		Ма				Ма				3rd					Ave								
Period			Appro				Appro	-			Approa				pproa		Total V 15-min	olume	eak	N. 1		\A/ I	_
Begins 7:00	Left 0	Thru 0	Right 0		Left 0	Thru 0	Right 0	Total 0	Left 0	Thru 0	Right 0	Total 0	Left 0	Thru 0	Right 0	Total 0	15-min <b>0</b>	Hour	Д	<b>N</b> 0	S 0	W	E 0
7:15	0	0	0		0	0		0	0	0	0	0	0	0		0	0		Н	0	0	0	0
7:30	0	0			0	0		0	0	0	0	0	0	0	0	0	0		H	0	0	0	0
7:45	0	0			0	0		0	0	0	0	0	0	0		0	0	0	П	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
8:30	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
9:00	0	0			0	0		0	0	0	0	0	0	0			0	0		0	0	0	0
9:15 9:30	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
10:00	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
10:30	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
11:00	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
11:30	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
Total	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
12:15	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		Ш	0	0	0	0
12:45	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
13:15 13:30	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
14:00	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
14:30	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
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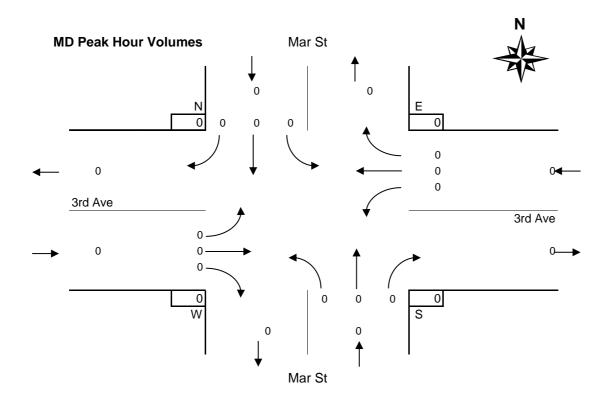
Time		Mar	St			Mar	St				Ave			3rd											
Period	NO	RTH A	Approa	ach	SO	UTH A	Approa	ach	W		Approa		E	AST A	pproa	ch	Total V	olume	Peak					Cor	ıflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0			0	0	0	0	0	
7:15	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
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
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	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	k	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	k	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	ł .	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
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Total	0	0	0	0	0	0	0	0	0			0	0	0	0	0	0			0	0	0	0	L	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 h	our o	f the i	nters	ectio	n													•	_					_	
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 h	our o	f conf	lictin	g volu	umes	for th	e inte	rsect	ion						-			•							
Pk Hr	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

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



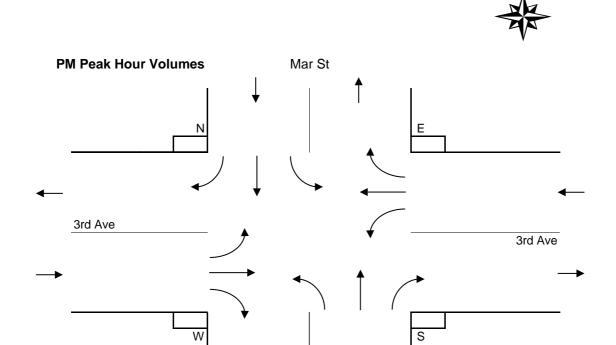


Time		Ма				Mai					Ave			3rd											
Period	NO		Appro		SO	UTH A			W	EST A	Approa	ach	E	AST A	pproa		Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	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
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	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
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
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
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	·	
,																									
Peak h	our o	f the	inters	ectio	n																				
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	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 h	our o	f con	flictin	g volu	umes	for th	e inte	rsect	ion										_						
Pk Hr	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



# PM Peak Period Emergency Trucks

Time			r St				r St				Ave				Ave										
Period			Appro			UTH /				EST A			E	AST A	pproa	ach	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
n/a																								igsquare	
n/a																									
n/a																								igsquare	
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<b>-</b>																		Ì	ı						
Total																			ŀ					l l	0
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Dools le		£ 415 a	:	4!	_																				
Peak h	our c	tne	inters	Sectio	n													_	ſ					1 F	0
																			ŀ					-	0
15x4																		+	ŀ						0
PHF																			L					i L	n/a
Dools le			£1: _ £:			£ 4 l.	! 4		.:																
Peak h	our c	or con	IIICTIN	ig vol	umes	ior tr	ie inte	ersect	ion										ſ					, r	0
Pk Hr																			ŀ						0
15x4																		+	ŀ						0
PHF																			Į					i L	n/a



Mar St

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave			 	
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ıch	Total		
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	
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

N	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

	Mar St			Mar St				3rd Ave				3rd Ave					
	NO	RTH /	Appro	ach	SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	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

N	S	W	ш
0	0	0	0
0	0	0	0

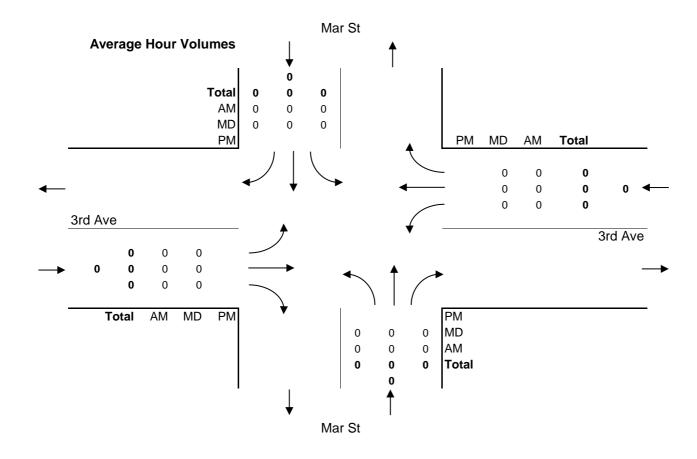
### MD Peak Period 3 Hours

	Mar St			Mar St				3rd Ave				3rd Ave					
NORTH Approach			SO	UTH A	JTH Approach			WEST Approach			EAST Approach				Total		
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	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

N	S	W	Е
0	0	0	0
0	0	0	0

	Mar St			Mar St				3rd Ave				3rd Ave						
	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks Cube Trucks Dump Trucks Emergency Trucks Garbage Trucks Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Garbage Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



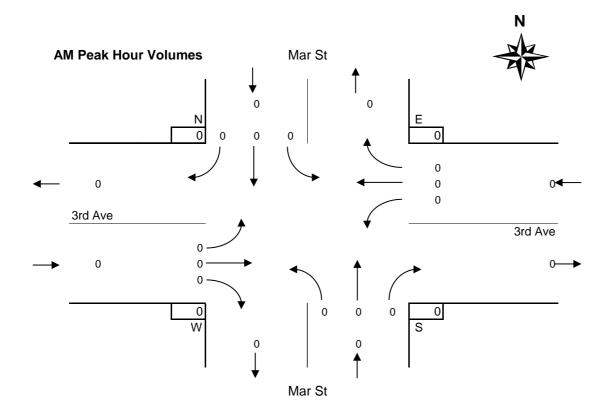
# Survey Data Garbage Trucks

Time		Ма					r St				Ave			3rd									
Period			Appro				Appro				Approa			AST A			Total V		Peak	<u> </u>	<u> </u>	10/ [	
Begins 7:00	Left 0	Thru 0	Right	Total 0	Left 0	Thru	Right	Total 0	Left	Thru 0	Right	-	Left 0		Right	Total 0	15-min <b>0</b>	Hour	ď	<b>N</b>	S	W	E
7:15	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0		Н	0	0	0	0
7:13	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	1	1	H	0	0	0	0
8:00	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	1		0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2		0	0	0	0
8:45	0	0	0	0	0	0		0	0	0		0	0	0	0	0	0	1		0	0	0	0
9:00	0	0	0	0	1	0		1	0	0			0	0	0	0	1	2	-	0	0	0	0
9:15	0	0	0	0	0	0		0	0	0			0	0	0	0	0	2	-	0	0	0	0
9:30	0	0	0	0	0	0		0	0	0			0	0	0	0	0	1	-	0	0	0	0
9:45	0	0	0	0	0	0		0	0	0			0	0	1 0	0	1	2	-	0	0	0	0
10:00	0	1	0	1	0	0		0	0	0			0	0	0	0	0 1	1		0	0	0	0
10:30	0	0	0	0	0	0		0	0	0			0	0	0	0	0	2	-	0	0	0	0
10:45	0	0	0	0	0	0		0	0	0			0	0	0	0	0	1	-	0	0	0	0
11:00	0	0	0	0	0	0		0	0	0			0	0	0	0	0	1		0	0	0	0
11:15	0	0	0	0	0	0		0	0	0			0	0	0	0	0	0		0	0	0	0
11:30	0	0	0	0	0	0		0	0	0			0	0	0	0	0	0	*	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0
Total	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5			0	0	0	0
40.55	1								-				1	1									
12:00	0	0			0				0	0			0	0	0				Ц	0	0	0	0
12:15 12:30	0	0	0	0	0	1	0	1	0	0			0	0	0	0	1		Н	0	0	0	0
12:30	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
13:15	0	0	0	0	0	0		0	0	0			0	0	0	0	0	0		0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0			0	0	0	0	1	_	+	0	0	0	0
13:45	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	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0
14:30	0	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	1	Ш	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3			0	0	0	0
Total	U	U	0	U	0	3	U	3	U	U	0	0	U	U	U	U	3			U	0	U	0
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Total																							

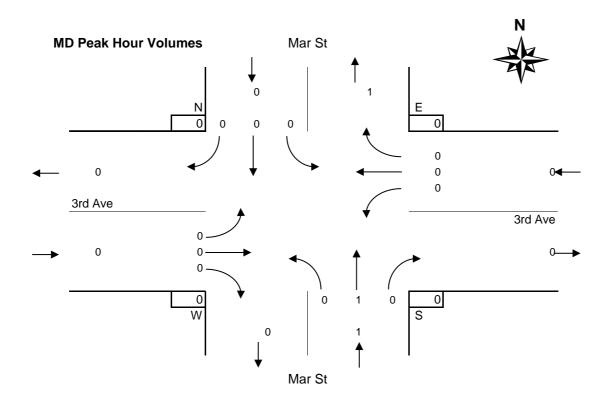


Time		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ıch	W	EST A	Approa	ıch	E	AST A	pproa	ch	Total V 15-min	'olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
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	1	0	0	1	1	2		0	0	0	0	1	2
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:00	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
9:15	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	2		0	0	0	0	0	2
9:30	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	1		0	0	0	0	0	1
9:45	0	0	0		0	0	0	0	0	0	0	0	0	0	1	1	1	2		0	0	0	0	1	2
10:00	0	0	0		0	0	0	0		0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
10:15	0	1	0	1	0	0	0	0	0	0	0	0			0	0	1	2		0	0	0	0	1	2
10:30	0	0	0		0	0	0	0	0	0	0	0		-	0	0	0	2		0	0	0	0	0	2
10:45	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	1		0	0	0	0	0	1
11:00	0	0	0		0	0	0	0	0	0	0	0		0	0	0	0	1	*	0	0	0	0	0	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
11:30	0	0	0		0	0	0	0	0	0		0		0	0	0	0		*	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
Total	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5	1	Г	0	0	0	0		4
Avg Hr	0				0	0		0	0			0	0	0	0	0	1		-	0	0	0	0	L	- 4
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Peak h	our o	f the	inters	ectio																					
Pk Hr	0	0	0		0			0				0	0		0		0	ł		0	0	0	0		0
15x4	0	0	0		0	0		0		0		0	0	0	0	0	0	4		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 h	our o	f con	flictin	ıq volı	umes	for th	e inte	rsect	ion																
Pk Hr	0		0	_	0	0	0	0		0	0	0	0	0	1	1	2	*	Γ	0	0	0	0		2
15x4	0	4	0		0	0	0	0	0	0		0	0	0	4	4	4	1	ľ	0	0	0	0	-	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	0.50		Ì	n/a	n/a	n/a	n/a	F	0.25
		0.25				_									0.25	0.25									0.25

<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



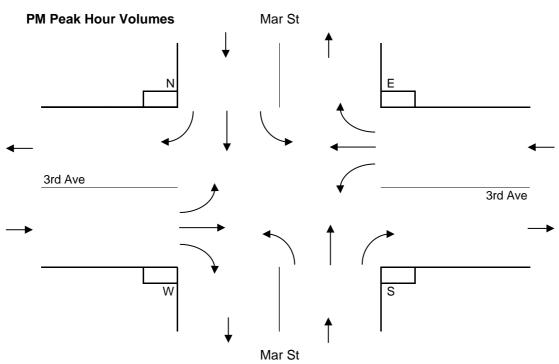
Time		Mai				Mai					Ave			3rd											
Period	NO	RTH A	Approa	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	EA	AST A	pproa		Total V	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	0	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	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
13:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	+	0	0	0	0	1	1
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
n/a																									
n/a																									
n/a																									
n/a																									
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Total	0	0	0	0	0	3	0	3	0			0	0	0	0	0	3			0	0	0	0		3
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1			0	0	0	0		
,																									
Peak h	our o	f the i	nters	ectio	n														_					_	
Pk Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	*		0	0	0	0		1
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4	+		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			n/a	n/a	n/a	n/a		0.25
,																								_	· · · · · ·
Peak h	our o	f conf	<u>lictin</u>	g volu	ımes	for th	e inte	ersect	ion									ī	_						
Pk Hr	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	*		0	0	0	0		2
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4	+		0	0	0	0		4
PHF	n/a	n/a	n/a	n/a	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50			n/a	n/a	n/a	n/a		0.50



# PM Peak Period Garbage Trucks

Time		Ма	r St			Ма	r St				Ave			3rd											
Period	NO		Appro		SO		Appro		W	EST A	Approa	ach	E	AST A	pproa	ach	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
n/a																									
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																	•								
Total																								1 1	0
Avg Hr																								l	
Peak h	our o	f the	inters	ectio	n																				
Pk Hr																		*						1	0
15x4																		+						1 1	0
PHF																								i 1	n/a
																			-					_	
Peak h	our o	f con	flictin	ıg vol	<u>umes</u>	for th	ne inte	ersect	ion																
Pk Hr																		*						j l	0
15x4																		+						j [	0
PHF																								j l	n/a
-																			·					_	





		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave					
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ch	Total			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		N	S
Total	0	2	0	2	1	3	0	4	0	0	0	0	1	0	1	2	8		0	
Avg Hr	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1		0	

Ν	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			
	NO	NORTH Approach			SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Period	0	2	0	2	1	0	0	1	0	0	0	0	1	0	1	2	5	
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	

N	S	W	Е
0	0	0	0
0	0	0	0

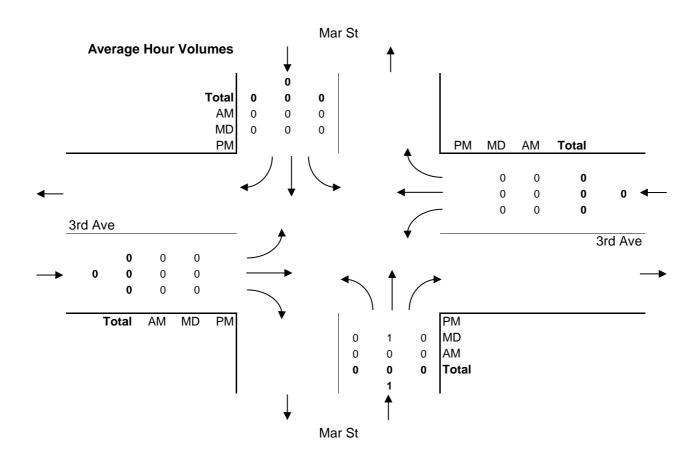
## MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NO	NORTH Approach			SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ch	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
Avg Hr	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Logging Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



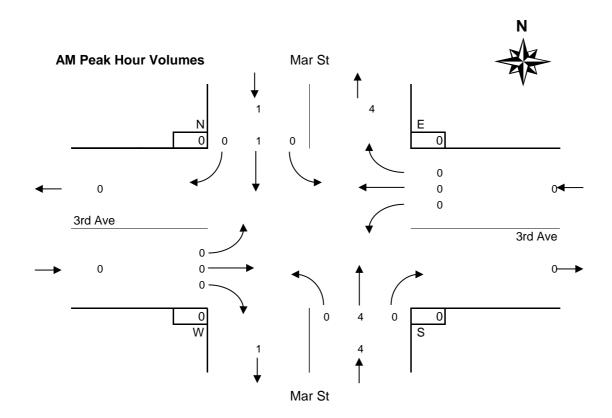
# Survey Data Logging Trucks

Time		Ма					r St				Ave			3rd									
Period			Appro				Appro				Approa			AST A			Total V		Peak	<u> </u>	<u> </u>	10/	
Begins 7:00	Left 0	Thru	Right	Total	Left 0	Thru	Right	Total 0	Left	Thru 0		Total	Left 0	Thru	Right		15-min	Hour	ď	<b>N</b>	S	W	E
7:00	0	1 2	0	2	0	0	0	0	0	0		0	0		0		2		Н	0	0	0	0
7:13	0	1	0	1	0	2		2	0	0			0		0		3		$\vdash$	0	0	0	0
7:45	0	0	0	0	0	1	0	1	0	0			0		0		1	7	H	0	0	0	0
8:00	0	2	0	2	0	1	0	1	0	0			0		0		3	9	H	0	0	0	0
8:15	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	10		0	0	0	0
8:30	0	1	0	1	0	0	0	0	0	0		0	0	0	0	0	1	8		0	0	0	0
8:45	0	0	0	0	0	1	0	1	0	0			0		0		1	8		0	0	0	0
9:00	0	0	0	0	0	0		0	0	0			0		0		0	5	$\vdash$	0	0	0	0
9:15	0	0	0	0	0	2		2	0	0			0		0		2	4		0	0	0	0
9:30 9:45	0	2	0	1	0	2		2 0	0	0			0		0		4	7	H	0	0	0	0
10:00	0	0	0	0	0	0		0	0	0			0		0		1 0	7		0	0	0	0
10:00	0	0	0	0	0	1	0	1	0	0			0		0		1	6	H	0	0	0	0
10:30	0	2	0	2	0	2		2	0	0			0		0		4	6	-	0	0	0	0
10:45	0	2	0	2	0	0		0	0	0			0		0		2	7	H	0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0			0		0		1	8	*	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0		0	0	0	0		0	7	_	0	0	0	0
11:30	0	1	0	1	0	2		2	0	0			0		0		3	6		0	0	0	0
11:45	0	0	0	0	0	1	0	1	0	0			0		0		1	5	+	0	0	0	0
Total	0	17	0	17	0	17	0	17	0	0	0	0	0	0	0	0	34			0	0	0	0
12:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0
12:15	0	0	0	0	0	0		0	0	0			0		0		0		П	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		1	3	*	0	0	0	0
13:00	0	1	0	1	0	3		3	0	0			0		0		4	5	-	0	0	0	0
13:15	0	2	0	2	0	0		0	0	0			0		0		2	7	ш	0	0	0	0
13:30	0	2	0	2	0	0	_	0	0	0			0		0		2		+	0	0	0	0
13:45 14:00	0	1 2	0	1 2	0	0 2		0 2	0	0			0		0		1	9	_	0	0	0	0
14:15	0	1	0	1	0	1	0	1	0	0			0		0		2	9	_	0	0	0	0
14:30	0	0	0	0	0	1	0	1	0	0			0		0		1	8	-	0	0	0	0
14:45	0	1	0	1	0	0		0	0	0			0		0		1	8	_	0	0	0	0
n/a																			П				
n/a																							
n/a																							
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Total	0	12	0	12	0	8	0	8	0	0	0	0	0	0	0	0	20			0	0	0	0
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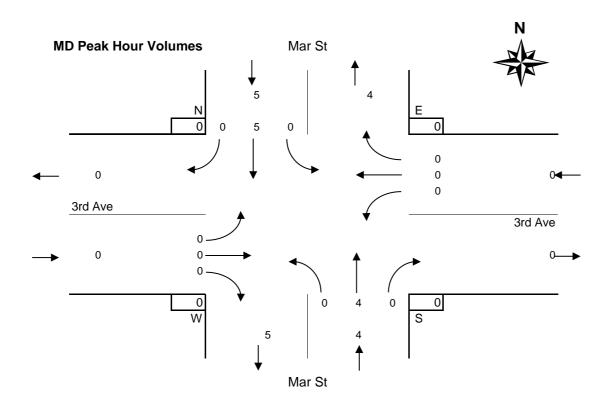


Time		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ıch	W	EST A	Approa	ch	EA	AST A	pproa	ch	Total V 15-min	olume	ak					Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:15	0	2	0		0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
7:30	0	1	0		0	2	0	2	0	0	0	0	0	0	0	0	3			0	0	0	0		
7:45	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	7		0	0	0	0	1	6
8:00	0	2	0		0	1	0	1	0	0	0	0	0	0	0	0	3	9		0	0	0	0	2	7
8:15	0	2	0		0	1	0	1	0	0	0	0	0	0	0	0	3	10		0	0	0	0		7
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	6
8:45	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	6
9:00	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	4
9:15	0	0	0		0	2	0	2	0	0	0	0	0	0	0	0	2	4		0	0	0	0	2	4
9:30	0	2	0		0	2	0	2	0	0	0	0	0	0	0	0	4	7		0	0	0	0		5
9:45	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	1	7		0	0	0	0	1	5
10:00	0	0	0		0	0	0	0	0	0		0	0	0	0	0	0	7		0	0	0	0	0	5
10:15	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	6		0	0	0	0	1	4
10:30	0	2	0		0	2	0	2	0	0	0	0	0	0	0	0	4	6		0	0	0	0	2	4
10:45	0	2	0		0	0	0	0	0	0	0	0	0	0	0	0	2	7		0	0	0	0		5
11:00	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	6
11:15	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0	0	5
11:30	0	1	0		0	2	0	2	0	0		0	0	0	0	0	3	6		0	0	0	0	2	5
11:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	5	+	0	0	0	0	1	4
Total	0	17	0	17	٥	17	0	17	0	0	0	0	٥	٥	0	0	34		Г	0	0	0	0	Г	17
Avg Hr	0		0		0	17 3	0	3	0			0	0	0	0	0	7		ŀ	0	0	0	0	╽	17
					•		٠,		· ·		•		•	۰	٧				L	•	•	<u> </u>		ı	
Peak h	our o	f the	inters	ectio	n																			_	
Pk Hr	0	1	0	1	0	4	0	4	0	0	0	0	0	0	0	0	5	*		0	0	0	0		4
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	12	+	ſ	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	0.42			n/a	n/a	n/a	n/a		0.50
Peak h	our o	f con	flictin	a voli	ımes	for th	e inte	rsect	ion																
Pk Hr	0		0		0	3	0	3	0	0	0	0	0	0	0	0	6	*	Г	0	0	0	0	Γ	3
15x4	0	g g	0	_	0	8	0	8	0	0		0	0	0	0	0	16	+	ŀ	0	0	0	0		8
PHF	n/a	0.38	n/a	_	Ŭ	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38	•	ŀ	n/a	n/a	n/a	n/a	<u> </u>	0.38
1 1 11	11,4	0.00	11,4	0.00	11/4	0.00	11/U	3.00	Π,α	11/4	11/4	11,α	11/4	11/4	11/4	11,α	0.00		L	11/U	TI/ CI	TI/U	11,4	. <b>L</b>	3.00

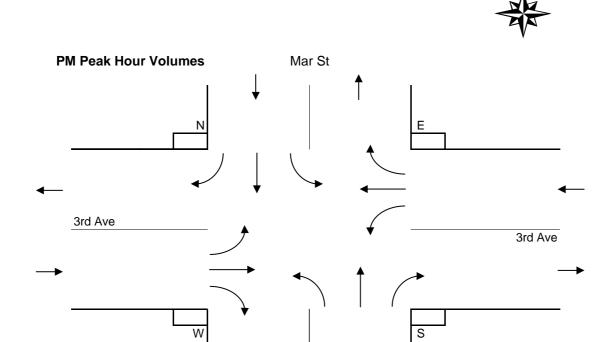
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



Time			r St			Mai					Ave			3rd											
Period	NO		Appro		SO	UTH A			W	EST A	Approa	ach	E	AST A	pproa		Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
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	1	0	1	0	0	0	0		0	0	0	1	3	*	0	0	0	0	1	3
13:00	0	1	0	1	0	3	0	3	0	0	0	0		0	0	0	-	5	*	0	0	0	0	3	4
13:15	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	7	*	0	0	0	0	2	6
13:30	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	9	+	0	0	0	0	2	8
13:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0	1	8
14:00	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4	9		0	0	0	0	2	7
14:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	9		0	0	0	0	1	6
14:30	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	5
14:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	1	5
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	12	0	12	0		0	8	0			0	0	0	0	0	20			0	0	0	0		12
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7			0	0	0	0		
,																									
Peak h	our o	f the	inters	ectio	n																			_	
Pk Hr	0	5	0	5	0	4	0	4	0			0	0	0	0	0	_	*		0	0	0	0		5
15x4	0	8	_		0	12	0	12	0			0	_	0	0	0	16	+		0	0	0	0		12
PHF	n/a	0.63	n/a	0.63	n/a	0.33	n/a	0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56			n/a	n/a	n/a	n/a		0.42
Peak h	our o	f con	flictin	g volu	umes	for th	e inte	ersect	ion										_					_	
Pk Hr	0	6	_		0	3	0	3	0			0	0	0	0	0	9	*		0	0	0	0		6
15x4	0	8	0	8	0	8	0	8	0	0	0	0	0	0	0	0	16	+		0	0	0	0		8
PHF	n/a	0.75	n/a	0.75	n/a	0.38	n/a	0.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.56			n/a	n/a	n/a	n/a		0.75



Time		Ма	r St			Ма	r St				Ave			3rd	Ave										
Period	NO	RTH.	Appro	ach	SO	UTH	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total V	olume	ak					Cor	nflict
Begins			Right		Left	Thru	Right	Total			Right		Left	Thru	Right	Total	Total V 15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
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Avg Hr																								į	
Peak h	our o	f the	inters	ectio	n																				
Pk Hr																		*							0
15x4																		+							0
PHF																								<u> </u>	n/a
Peak h	our o	f con	flictin	g vol	umes	for th	<u>ne inte</u>	ersect	ion										į						
Pk Hr																		*							0
15x4																		+							0
PHF																									n/a



Mar St

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave					
	NO	RTH.	Appro	ach	SO	UTH A	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		Ν	S
Total	0	29	0	29	0	25	0	25	0	0	0	0	0	0	0	0	54		0	
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7		0	

N	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NORTH Approa			ach	SO	UTH A	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	EAST Approach  Left Thru Right Total				Volume	
Period	0	17	0	17	0	17	0	17	0	0	0	0	0	0	0	0	34	
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	7	

N	S	W	Е
0	0	0	0
0	0	0	0

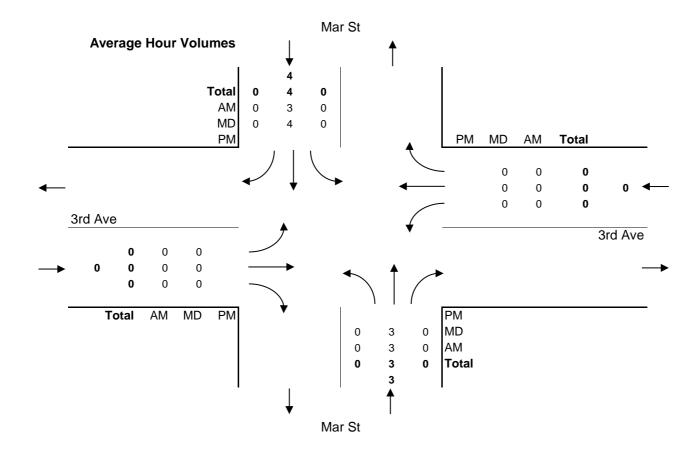
## MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach				SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	12	0	12	0	8	0	8	0	0	0	0	0	0	0	0	20
Avg Hr	0	4	0	4	0	3	0	3	0	0	0	0	0	0	0	0	7

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NORTH Approach			ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for RVs

Pedestrians - N indicates pedestrians crossing north approach (east/west)



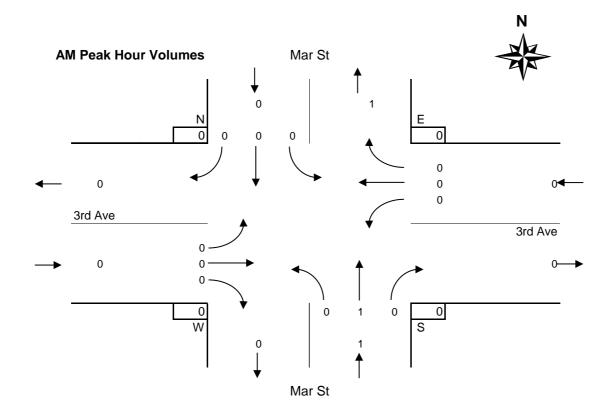
# Survey Data RVs

Time		Ma	r St				r St			3rd				3rd									
Period		RTH /					Approa				Approa			AST A			Total V 15-min	olume	eak				
Begins	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right			Hour	<u>P</u>	N	S	W	E
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7:13	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	H	0	0	0	0
8:00	0	0	0	0	0	0		0	0	0		0	0	0	0		0	0	$\vdash$	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
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
9:00	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	$\vdash$	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
9:45	0	0	0	0	0	0		0	0	0		0	0	0	0		0	0	$\vdash$	0	0	0	0
10:00	0	0	0	0	0	0		0	0	0		0	0	0	0		0	0	$\vdash$	0	0	0	0
10:15	0	0		0	0	0		0	0	0		0	0	0	0		0	0	$\vdash$	0	0	0	0
10:30	0	0		0	0	0		0	0	0		0	0	0	0		0	0	$\vdash$	0	0	0	0
11:00	0	0		0	0	1	0	1	0	0		0	0	0	0		1	1	-	0	0	0	0
11:15	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	0		0	0	0		0	0	0	0		0	1	*	0	0	0	0
11:45	0	0	0	0	0	0		0	0	0		0	0	0	0		0	1	+	0	0	0	0
Total	0	0	0	0	0	1	0	1	0	0		_	0				_			0	0	0	0
12:00	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
12:30	0	0	0	0	0	0		0	0	0		0	0	0	0		0			0	0	0	0
12:45	1	0	0	1	0	0		0	0	0		0	0	0	0		1	1	*	0	0	0	0
13:00	0	1	0	1	0	0		0	0	0		0	0	0	0		1	2	-	0	0	0	0
13:15 13:30	0	0		0	0	0		0	0	0		0	0	0	0		0	2	-	0	0	0	0
13:45	0	0	1 0	0	0	0		0	0	0		0	0	0	0		1 0	2	+	0	0	0	0
14:00	0	0		0	0	1	0	1	0	0		0	0	0	0		1	2	H	0	0	0	0
14:15	0	0	0	0	0	0		0	0	0		0	0	0	0		0	2	H	0	0	0	0
14:30	0	0	0	0	0	0		0	0	0		0	0	0	0		0	1	H	0	0	0	0
14:45	0				0				0	0		_	0					2		0	0	0	0
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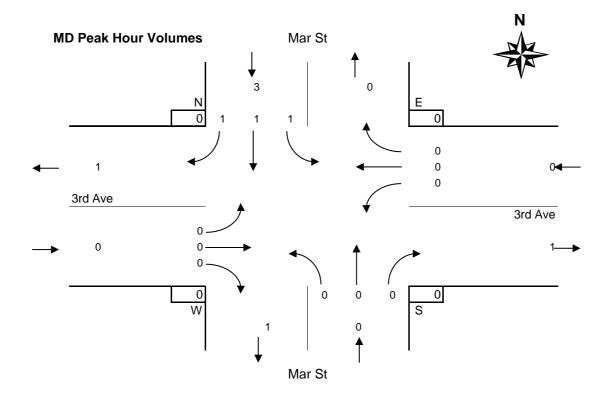


Time		Mai	r St			Mai	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH A	Appro	ach	SO	UTH A	Approa	ch	W	EST A	Approa	ch	EA	AST A	pproa	ch	Total V 15-min	olume	ak					Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Ье	N	S	W	Е	15 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	
7:45	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
8:15	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
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
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	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	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	1	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
11:30	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	1	*	0	0	0	0	0	1
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0	0	1
Total	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1		Г	0	0	0	0	П	1
Avg Hr	0			0	0		0	0	0			0	0	0	0		0		ŀ	0	0	0	0		
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Peak h	our o	f the i	inters	ectio	n													•	_					_	
Pk Hr	0	0	0	0	0	1	0	1	0			0	0	0	0	0	1	*	L	0	0	0	0	L	1
15x4	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	4	+		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			n/a	n/a	n/a	n/a		0.25
Peak h	our o	f conf	flictin	a voli	umes	for th	e inte	rsect	tion																
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	Γ	0	0	0	0	Γ	0
15x4	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	+	ŀ	0	0	0	0	ŀ	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	•	ŀ	n/a	n/a	n/a	n/a	ŀ	n/a
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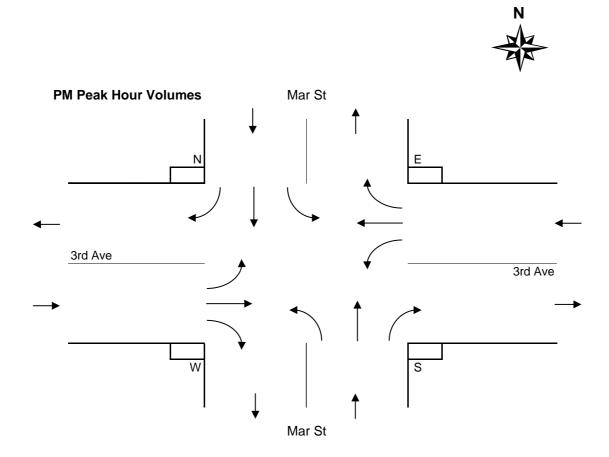
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



Time			r St			Mai					Ave			3rd	Ave										
Period	NO		Appro		SO	UTH A	Approa	ach	W	EST A	Approa	ach	E/		pproa		Total V 15-min	'olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	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	
12:30	0	0	0				0	0	0			0	0	0	0		0			0	0	0	0	0	
12:45	1	0	0		0			0	0			0		0	0		1	1	*	0	0	0	0	1	1
13:00	0	1	0	1	0	0	0	0	0	0	0			0	0	0	1	2	*	0	0	0	0	1	2
13:15	0	0	0	0	0	0	0	0	0	0	0	0	_	0	0	0	0	2	*	0	0	0	0	0	2
13:30	0	0	1	1	0	0	0	0	0	0	0	0		0	0	0			+	0	0	0	0	1	3
13:45	0	0					0	0	0			0		0	0		0	2		0	0	0	0	0	2
14:00	0	0					0	1	0	0	0	0		0	0	0				0	0	0	0	1	2
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2		0	0	0	0	1	2
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Total	1	1	1	3	0		0	1	0			0	0	0	1	1	5		l	0	0	0	0		3
Avg Hr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	1	
Peak h	our o	f the	inters	ectio	n													_,	_					_	
Pk Hr	1	1	1	3			0	0	0			0	0	0	0	0	3	*		0	0	0	0	. [	2
15x4	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	4	+		0	0	0	0	. [	8
PHF	0.25	0.25	0.25	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75			n/a	n/a	n/a	n/a	. [	0.25
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Peak h	our o	f con	flictin	g vol	umes	for th	e inte	ersect	ion									_	_					_	
Pk Hr	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2	*		0	0	0	0	. [	1
15x4	0	0	4	4	0	4	0	4	0	0	0	0	0	0	0	0	4	+		0	0	0	0		4
PHF	n/a	n/a	0.25	0.25	n/a	0.25	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50			n/a	n/a	n/a	n/a	. [	0.25
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Time			r St				r St				Ave			3rd	Ave										
Period	NO	RTH.	Appro	ach	SO	UTH.	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total V 15-min	olume	ak					Cor	nflict
Begins	Left		Right		Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
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PHF																									n/a
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15x4																									0
PHF																		+							n/a
FNF																									II/a



		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			_	
	NO	RTH	Appro	ach	SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	Approa	ich	Total		
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		1
Total	1	1	1	3	0	2	0	2	0	0	0	0	0	0	1	1	6		
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		

N	S	W	Е
0	0	0	0
0	0	0	0

AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach			ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ch	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Period	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ν	S	W	Е
0	0	0	0
0	0	0	0

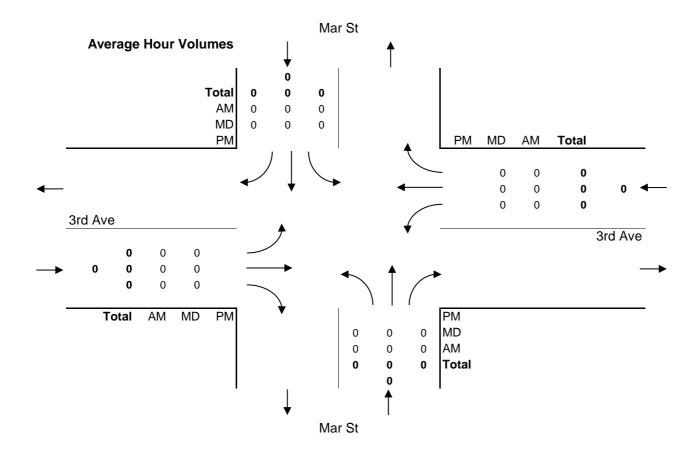
MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach			ach	SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	1	1	1	3	0	1	0	1	0	0	0	0	0	0	1	1	5
Avg Hr	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH	Appro	ach	SO	UTH A	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е







Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for Utility Trucks

Pedestrians - N indicates pedestrians crossing north approach (east/west)



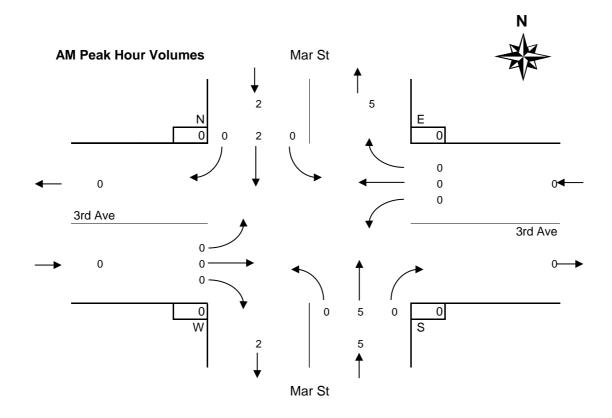
# Survey Data Utility Trucks

Time		Ма					r St				Ave				Ave								
Period			Appro				Appro				Approa				pproa		Total V	olume	Peak				
Begins	Left	Thru	Ū		Left	Thru	Right	Total	Left	Thru	Right		Left	Thru	Right		15-min	Hour	Ъ	N	S	W	E
7:00 7:15	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
7:45	0	1			0	0	0	0	0	0	0	0	0			0	1	1	H	0	0	0	0
8:00	0	1			0	0	0	0	0	0	0	0	0			0	1	2		0	0	0	0
8:15	0	0				0	0	0	0	0	0	0	0			0	0	2		0	0	0	0
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	5		0	0	0	0
8:45	0	2		2	0	0	0	0	0	0	0	0	0			0	2	6		0	0	0	0
9:00	0	1		1	0	0	0	0	0	0	0	0	0			0	1	6		0	0	0	0
9:15	0	0		0	0	0	0	0	0	0	0	0	0			0	0	6		0	0	0	0
9:30 9:45	0	1		1	0	1	0	1	0	0	0	0	0			0	2	5		0	0	0	0
10:00	0	1 0		0	0	1 1	0	1	0	0	0	0	0			0	2 1	5 5	H	0	0	0	0
10:00	0	1		1	0	0	0	0	0	0	0	0	0			0	1	6	_	0	0	0	0
10:30	0	2		2	0	3	0	3	0	0	0	0	0			0	5	9		0	0	0	0
10:45	0	0			0	1	0	1	0	0	0	0	0			1	2	9		0	0	0	0
11:00	0	1		1	0	1	0	1	0	0	0	0	0			0	2	10		0	0	0	0
11:15	0	0			0	1	0	1	0	0	0	0	0		0	0	1	10		0	0	0	0
11:30	0	1			0	1	0	1	0	0	0	0	0			0	2	7		0	0	0	0
11:45	0	0				2		2	0	0	0	0	0			0	2	7	+	0	0	0	
Total	0	14	0	14	0	13	0	13	0	0	0	0	0	0	1	1	28			0	0	0	0
12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		П	0	0	0	0
12:15	0	0				0	0	0	0	0	0	0	0			0	0			0	0	0	0
12:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0
12:45	0	1			0	0	0	0	0	0	0	0	0			0	1	4		0	0	0	0
13:00	0	2			0	1	0	1	0	0	0	0	0			0	3	6		0	0	0	0
13:15	0	1		1	0	1	0	1	0	0	0	0	0			0	2	8		0	0	0	0
13:30	0	0				1	0	1	0	0	0	0	0			0	1		+	0	0	0	0
13:45 14:00	0	1 0		0	0	1 0	0	1	0	0	0	0	0			1 0	3	9	Н	0	0	0	0
14:15	0	1		1	0	1	0	1	0	0	0	0	0			0	2	6	-	0	0	0	0
14:30	0	0				1	0	1	0	0	0	0	0		_	0	1	6		0	0	0	0
14:45	0	0				1	0	1	0	0	0	0	0			0	1	4		0	0	0	
n/a																							
n/a																							
n/a																							
n/a																			Ш				
Total	0	7	0	7	0	9	0	9	0	0	0	0	0	0	1	1	17			0	0	0	0
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Total																							
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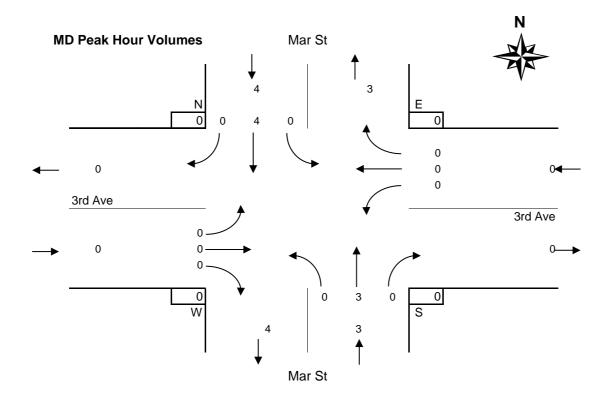


Time		Ma	r St			Mai	r St				Ave			3rd											
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa		Total V	olume	Peak					Con	ıflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
7:00	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
8:00	0	1	0	1	0	0	0	0	0	0	0	0		0	0	0	1	2		0	0	0	0	1	2
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
8:30	0	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	3	5		0	0	0	0	2	4
8:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	2	5
9:00	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	1	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	6		0	0	0	0	0	5
9:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	5		0	0	0	0	1	4
9:45	0	1	0		0	1	0	1	0	0	0	0	0	0	0	0	2	5		0	0	0	0	1	3
10:00	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	3
10:15	0	1	0		0	0	0	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0	1	4
10:30	0	2	0		0	3	0	3	0	0		0		0	0	0	5	9		0	0	0	0	3	6
10:45	0	0	0		0	1	0	1	0	0	0	0	0	0	1	1	2	9		0	0	0	0	2	7
11:00	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	10	*	0	0	0	0	1	7
11:15	0	0	0		0	1	0	1	0	0	0	0	0	0	0	0	1	10	*	0	0	0	0	1	7
11:30	0	1	0		0	1	0	1	0	0	0	0		0	0	0	2	7	*	0	0	0	0	1	5
11:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	7	+	0	0	0	0	2	5
																								_	
Total	0	14	0	14	0	13	0	13	0	0	0	0	0	0	1	1	28			0	0	0	0	L	15
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6			0	0	0	0	i.	
Peak h	our o	f the	inters	sectio	n																			_	
Pk Hr	0	2	0	2	0	5	0	5	0	0		0	0	0	0	0	7	*		0	0	0	0		5
15x4	0	4	0	4	0	8	0	8	0	0	0	0	0	0	0	0	8	+		0	0	0	0	L	8
PHF	n/a	0.50	n/a	0.50	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.88			n/a	n/a	n/a	n/a	L	0.63
Peak h	our o	f con	flictin	g vol	umes	for th	e inte	rsect	ion																
Pk Hr	0	4	0	4	0	5	0	5	0	0	0	0	0	0	0	0	9	*		0	0	0	0		5
15x4	0	8	0	8	0	12	0	12	0	0	0	0	0	0	0	0	20	+		0	0	0	0		12
PHF	n/a	0.50	n/a	0.50	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.45			n/a	n/a	n/a	n/a		0.42

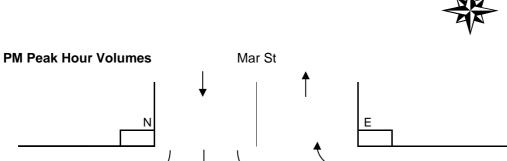
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*

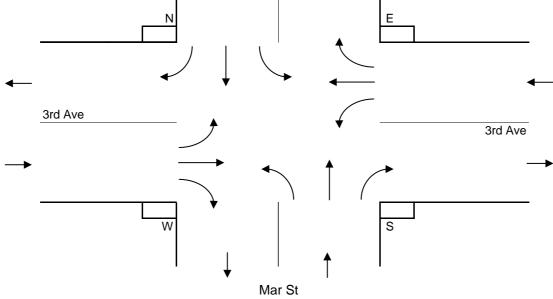


Time		Ma				Mar					Ave			3rd											
Period	NO		Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa		Total V	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
12:45	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	*	0	0	0	0	1	4
13:00	0	2	0		0	1	0	1	0			0		0	0	0	3	6		0	0	0	0	2	5
13:15	0	1	0		0	1	0	1	0			0	0	0	0	0	2	8	*	0	0	0	0	1	6
13:30	0	0	0		0	1	0	1	0		0	0		0	0	0	1	7	+	0	0	0	0	1	5
13:45	0	1	0		0	1	0	1	0			0	0	0	1	1	3	9		0	0	0	0	2	6
14:00	0	0	0		0	0	0	0	0	_		0		0	0	0	0	6		0	0	0	0	0	4
14:15	0	1	0		0	1	0	1	0			0		0	0	0		6		0	0	0	0	1	4
14:30	0	0	0		0	1	0	1	0			0		0	0	0	1	6		0	0	0	0	1	4
14:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	3
n/a																									
n/a																									
n/a																									
n/a																									
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Total	0		0		0		0	9	0			0		0		1	17			0	0	0	0		10
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	6			0	0	0	0		
Peak h		f the	inters	ectio														1							
Pk Hr	0	4	0		0	3	0	3	0			0		0		0	7	*		0	0	0	0		4
15x4	0		0		0	4	0	4	0			0		0		0	12	+		0	0	0	0		8
PHF	n/a	0.50	n/a	0.50	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.58			n/a	n/a	n/a	n/a	L	0.50
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Peak h				_							_	_	_	_			_	ſ.	ı	_	-	-	_	Г	
Pk Hr	0	2	0		0	-	0	3	0			0		0	1	1	6	*		0	0	0	0		4
15x4	0	4	0		0	4	0	4	0			0	0	0	4	4	12	+		0	0	0	0		8
PHF	n/a	0.50	n/a	0.50	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	0.50			n/a	n/a	n/a	n/a	L	0.50



Time			r St				r St				Ave				Ave										
Period			Appro			UTH /				EST A			E	AST A	pproa	ach	Total V 15-min	olume	ak					Cor	nflict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	Ν	S	W	Е	15 min	Hr
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Total																			ŀ					l l	0
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Peak h	our c	tne	inters	Sectio	n													_	ſ					1 F	0
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15x4																		+	ŀ					-	0
PHF																			L					i L	n/a
Dools le			£1: _ £:			£ 4 l.	! 4		.:																
Peak h	our c	or con	IIICTIN	ig vol	umes	ior tr	ie inte	ersect	ion										ſ					, r	0
Pk Hr																			ŀ						0
15x4																		+	ŀ						0
PHF																			Į					i L	n/a





		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave			_		
	NO	RTH	Appro	ach	SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ıch	Total			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume		Ν	
Total	0	21	0	21	0	22	0	22	0	0	0	0	0	0	2	2	45		0	Γ
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6	Ī	0	ſ

N	S	W	Е
0	0	0	0
0	0	0	0

# AM Peak Period 5 Hours

		Ма	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Period	0	14	0	14	0	13	0	13	0	0	0	0	0	0	1	1	28	
Avg Hr	0	3	0	3	0	3	0	3	0	0	0	0	0	0	0	0	6	

N	S	W	Е
0	0	0	0
0	0	0	0

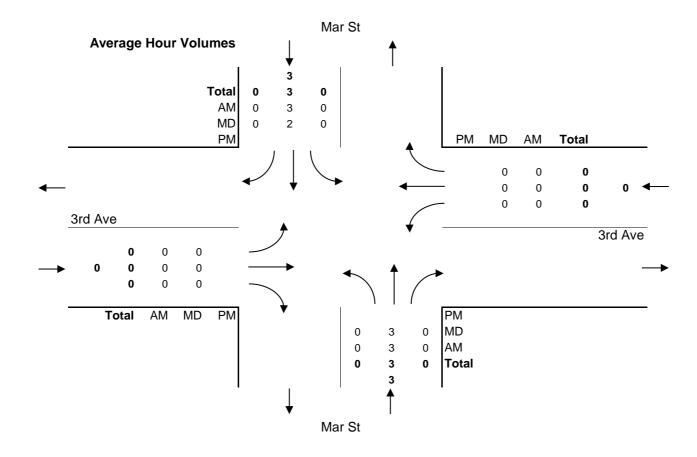
# MD Peak Period 3 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave		
	NORTH Approach				SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total
Totals				Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume
Total	0	7	0	7	0	9	0	9	0	0	0	0	0	0	1	1	17
Avg Hr	0	2	0	2	0	3	0	3	0	0	0	0	0	0	0	0	6

N	S	W	Е
0	0	0	0
0	0	0	0

		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave			
	NO	RTH	Appro	ach	SO	UTH /	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals				Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total																		
Avg Hr																		

N	S	W	Е





Major Route:3rd AvenueMinor Route:Mar StreetMunicipality:Port Alberni

Filename: 3-3rd Ave @ Mar St-Sep 28, 2017.xlsx

Location #: 3

Date: September 28, 2017

Day-of-week: Thursday

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

Weather: Clear and dry

Vehicle Classifications: Regular Vehicles

Buses

Articulated Trucks
Cube Trucks
Dump Trucks
Emergency Trucks
Garbage Trucks
Logging Trucks

RVs

**Utility Trucks** 

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

This data is for All Vehicles Combined

Pedestrians - N indicates pedestrians crossing north approach (east/west)



# Survey Data All Vehicles Combined

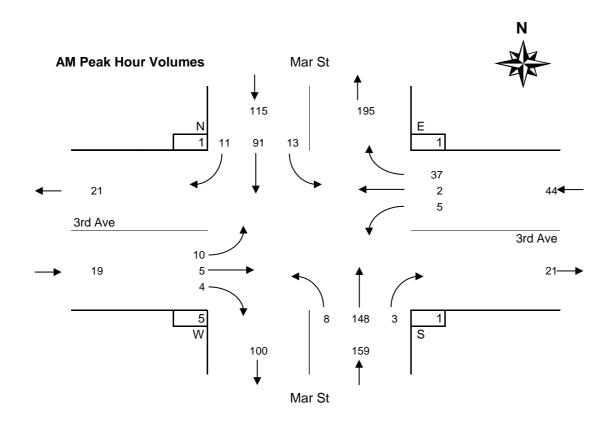
Time		Mar St Mar St  NORTH Approach SOUTH Approach								3rd	Ave			3rd	Ave								
Period		RTH /						ach			Approa	ach			Approa		Total V	olume	ak		Cross		
Begins	Left	Thru	Right		Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right			Hour	Pe	N	S	W	E
7:00 7:15	0 1	9 14	1 0	10 15	0	15 11	0	15 11	0	0 1	0	0 1	1 1	0		1	27 28		-	0	0	0	0
7:30	0	10	1	11	0	22	1	23	2	0	1	3	0			2	39			0	1	0	2
7:45	0	13	0	13	0	27	0	27	0	0	0	0	0			2	42	136		3	0	0	0
8:00	2	19	1	22	1	23	2	26	1	0	0	1	0			3	52	161		0	0	0	2
8:15	2	12	1	15	3	26	2	31	2	0	0	2	0	0		3	51	184		0	0	1	0
8:30	2	24	2	28	1	23	3	27	2	0	1	3	1	0	4	5	63	208		0	0	1	2
8:45	3	30	2	35	3	26	0	29	2	0	2	4	0		-	1	69	235		1	2	1	1
9:00	1	21	0	22	1	27	2	30	1	2	0	3	2	0	·	6	61	244		0	0	1	0
9:15	5	16	2	23	0	31	1	32	3	0	0	3	1	1	Ŭ	5	63	256		0	1	1	3
9:30 9:45	0	22 21	2	24 32	0	29 33	0	29 35	3	0	1 3	4 5	0			4 11	61 83	254		0	0	1	1
10:00	8 5	24	3 2	31	1 3	33	1 1	37	2 1	0	0	1	0			22	91	268 298		1	0	2 0	2
10:15	6	24	1	31	0	34	0	34	1	0	0	1	1	1		10	76	311		1	0	1	1
10:30	3	22	0	25	2	38	3	43	1	0	0	1	0			9	78	328		1	0	1	1
10:45	4	25	4	33	1	32	1	34	4	2	2	8	1	1		14	89	334		0	0	0	0
11:00	4	20	2	26	1	39	0	40	1	1	1	3	2	0		14	83	326	*	0	0	2	1
11:15	4	18	5	27	1	33	0	34	3	0	2	5	0	0		7	73	323	*	1	0	1	0
11:30	1	23	3	27	1	41	0	42	2	1	1	4	1	0		14	87	332	*	0	1	1	0
11:45	4	30	1	35	5	35	3	43	4	3	0	7	2	2		9	94	337	+	0	0	1	0
Total	55	397	33	485	24	578	20	622	35	10	14	59	13	9	122	144	1310			8	7	15	18
12:00	7	34	5	46	3	31	3	37	4	2	4	10	0	2	11	13	106		П	0	2	4	3
12:15	4	25	7	36	0	23	4	27	4	0	1	5	0			12	80			0	0	0	3
12:30	4	21	3	28	4	32	1	37	0	2	1	3	0			15	83			1	0	0	1
12:45	11	22	2	35	0	35	3	38	2	2	1	5	0			8	86	355	*	1	1	1	2
13:00	7	30	5	42	0	34	1	35	1	0	2	3	0	1	6	7	87	336	*	2	0	0	5
13:15	6	28	8	42	2	31	1	34	1	3	2	6	0	2	14	16	98	354	*	2	0	0	3
13:30	4	33	4	41	0	42	3	45	2	3	1	6	2	2	_	12	104	375	+	0	0	0	0
13:45	3	22	2	27	0	32	2	34	1	0	1	2	0			14	77	366		1	0	1	4
14:00	2	25	4	31 42	2	42	0	44	4	0	1	5	0		Ŭ	10 10	90	369		1	1	0	5
14:15 14:30	8 4	32 22	2 4	30	1 0	41 39	1 1	43 40	3 0	0 1	1 1	2	1 0	0		9	99 81	370 347		1 3	0	2 2	2
14:45	3	38				39	1	41	3	1	2	6	2			_		374		0	0	1	_
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n/a																							
n/a																							
Total	63	332	48	443	13	421	21	455	25	14	18	57	5	16	119	140	1095			12	4	11	33
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n/a																			Н				
Total																							



# **AM Peak Period All Vehicles Combined**

Time		Ма	r St		Mar St 3rd Ave									3rd	Ave									
Period	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	pproa	ach	E/	AST A	pproa	ch	Total Vo	olume Hour	Š	Cross	walks		Con	flict
<b>Begins</b>	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	N	S	W	Е	15 min	Hr
7:00	0	9	1	10	0	15	0	15	0	0	0	0	1	0	1	2	27		0	0	0	1	16	
7:15	1	14	0	15	0	11	0	11	0	1	0	1	1	0	0	1	28		0	1	0	0	16	
7:30	0	10	1	11	0	22	1	23	2	0	1	3	0	0	2	2	39		0	1	0	2	27	
7:45	0	13	0		0	27	0	27	0	0	0	0	0	1	1	2		136	3	0	0	0	29	88
8:00	2	19	1	22	1	23	2	26	1	0	0	1	0	0	3	3	52	161	0	0	0	2	31	103
8:15	2	12	1	15	3	26	2	31	2	0	0	2	0	0	3	3	51	184	0	0	1	0	35	122
8:30	2	24	2		1	23	3	27	2	0	1	3	1	0	4	5		208	0	0	1	2	34	129
8:45	3	30	2		3	26	0	29	2	0	2	4	0	0	1	1	69	235	1	2	1	1	38	138
9:00	1	21	0	22	1	27	2	30	1	2	0	3	2	0	4	6	61	244	0	0	1	0	35	142
9:15	5	16	2	23	0	31	1	32	3	0	0	3	1	1	3	5		256	0	1	1	3	44	151
9:30	0	22	2	24	0	29	0	29	3	0	1	4	0	0	4	4	61	254	0	0	1	1	36	153
9:45	8	21	3		1	33	1	35	2	0	3	5	0	1	10	11	83	268	0	1	2	2	55	170
10:00	5	24	2	31	3	33	1	37	1	0	0	1	0	2	20	22	91	298	1	0	0	1	62	197
10:15	6	24	1	31	0	34	0	34	1	0	0		1	1	8	10		311	1	0	1	1	50	203
10:30	3	22	0		2	38	3	43	1	0	0	1	0	0	9	9	78	328	1	0	1	1	54	221
10:45	4	25	4	33	1	32	1	34	4	2	2	8	1	1	12	14	89	334	0	0	0	0	54	220
11:00	4	20	2	26	1	39	0	40	1	1	1	3	2	0	12	14		326 *	0	0	2	1	56	214
11:15	4	18	5		1	33	0	34	3	0	2	5	0	0	7	7		323 *	1	0	1	0	47	211
11:30	1	23	3	27	1	41	0	42	2	1	1	4	1	0	13	14	87	332 *	0	1	1	0	57	214
11:45	4	30	1	35	5	35	3	43	4	3	0	7	2	2	5	9	94	337 +	0	0	1	0	53	213
																							_	
Total	55	397	33	485	24	578	20	622	35	10	14	59	13	9	122	144	1310		8	7	15	18		819
Avg Hr	11	79	7	97	5	116	4	124	7	2	3	12	3	2	24	29	262		2	1	3	4		
																							-	
Peak h	our o	f the	inters	ectio	n																		_	
Pk Hr	13	91	11	115	8	148	3	159	10	5	4	19	5	2	37	44	337	*	1	1	5	1		213
15x4	16	120	20	140	20	164	12	172	16	12	8	28	8	8	52	56	376	+	4	4	8	4		268
PHF	0.81	0.76	0.55	0.82	0.40	0.90	0.25	0.92	0.63	0.42	0.50	0.68	0.63	0.25	0.71	0.79	0.90		0.25	0.25	0.63	0.25		0.79
																							_	
Peak h	our o	f con	flictin	g volu	<u>um</u> es	for th	<u>e i</u> nte	<u>ers</u> ect	ion														_	
Pk Hr	22	91	6	119	6	138	5	149	5	0	3	8	1	4	47	52	328	*	3	1	4	5		221
15x4	32	96	12	128	12	152	12	172	8	0	12	20	4	8	80	88	364	+	4	4	8	8		292
PHF	0.69	0.95	0.50	0.93	0.50	0.91	0.42	0.87	0.63	n/a	0.25	0.40	0.25	0.50	0.59	0.59	0.90		0.75	0.25	0.50	0.63		0.76

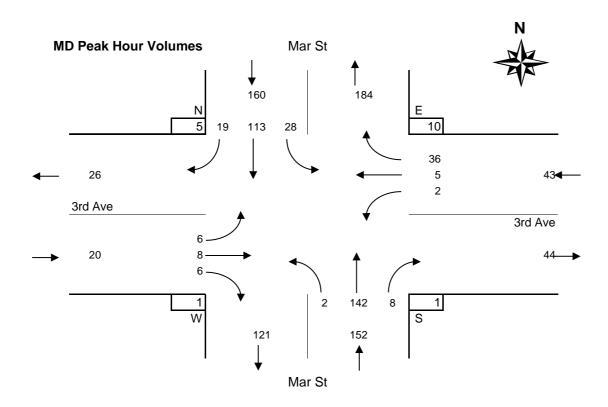
<sup>\*\*</sup> Calculated peak hour occurs during the first or last hour of shift and therefore may be invalid. \*\*



0.75 0.25 0.38 0.55

0.80

Time		Mai	r St			Mai	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH A	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A		ıch	Total V	olume	ak	C	Cross	walks		Con	flict
<b>Begins</b>	Left	Thru	Right		Left	Thru	Right		Left		Right		Left		Right		Total V 15-min	Hour	Pe	N	S	W	Е	15 min	Hr
12:00	7	34	5	46	3	31	3	37	4	2	4	10	0	2	11	13	106			0	2	4	3	59	
12:15	4	25	7	36	0	23	4	27	4	0	1	5	0	2	10	12	80			0	0	0	3	48	
12:30	4	21	3	28	4	32	1	37	0	2	1	3	0	3	12	15	83			1	0	0	1	52	
12:45	11	22	2		0	35	3	38	2	2	1	5		0	8	8	86	355	*	1	1	1	2	59	218
13:00	7	30	5		0	34	1	35	1	0	2	3	0	1	6	7	87	336	*	2	0	0	5	50	209
13:15	6	28	8		2	31	1	34	1	3		6	0	2	14	16	98	354	*	2	0	0	3	55	216
13:30	4	33	4	41	0	42	3	45	2	3	1	6	2	2	8	12	104	375	+	0	0	0	0	61	225
13:45	3	22	2		0	32	2	34	1	0		2	0	0	14	14	77	366		1	0	1	4	52	218
14:00	2	25	4	31	2	42	0	44	4	0		5	0	1	9	10	90	369		1	1	0	5	58	226
14:15	8	32	2		1	41	1	43	3		1	4	1	2	7	10	99	370		1	0	2	2	62	233
14:30	4	22	4		0	39	1	40	0		1	2	0	0	9		81	347		3	0	2	0	53	225
14:45	3	38	2	43	1	39	1	41	3	1	2	6	2	1	11	14	104	374		0	0	1	5	58	231
n/a																									
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n/a																									
Total	00	000	40	440	40	101	0.4	455	0.5	4.4	40			40	440	4.40	4005		Г	40	4	44	00	П	005
Total Avg Hr	63		48 16		13 4		21 7	455 152	25 8	14 5		57 19	5 2	16 5	119 40				-	12	4	11	33 11	L	665
Avg III	21	111	16	148	4	140	1	152	ð	5	б	19		5	40	47	365		L	4	1	4	11		
Peak h	our o	f the i	inters	ectio	n																				
Pk Hr	28				2	142	8	152	6	8	6	20	2	5	36	43	375	*		5	1	1	10	Г	225
15x4	44	132	32	168	8	168	12	180	8	12	8	24	8	8	56	64	416		ŀ	8	4	4	20	ı	296
PHF	0.64	0.86	0.59	0.95	0.25	0.85	0.67	0.84	0.75	0.67	0.75	0.83	0.25	0.63	0.64	0.67	0.90		ľ	0.63	0.25	0.25	0.50	ŀ	0.76
																			L					L	
Peak h	our o	f con	flictin	g vol	umes	for th	e inte	ersect	ion																
Pk Hr	17	112	12	141	3	157	6	166	10	3	4	17	3	5	38	46	370	*		3	1	3	11	Γ	233
15x4	32	132	16	168	8	168	12	180	16	12	4	24	8	8	56	56	416	+		4	4	8	20		292

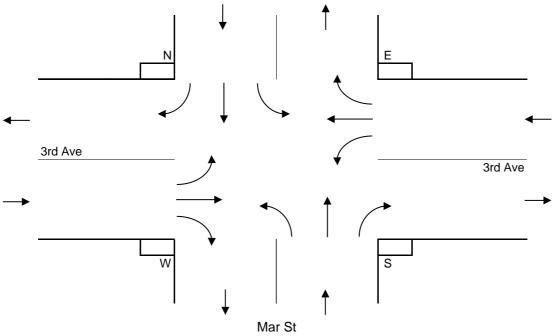


PHF 0.53 0.85 0.75 **0.84** 0.38 0.93 0.50 **0.92** 0.63 0.25 1.00 **0.71** 0.38 0.63 0.68 **0.82** 

# PM Peak Period All Vehicles Combined

Time		Ма	r St			Ма	r St			3rd	Ave			3rd	Ave										
Period	NO	RTH	Appro	ach	SO	UTH	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total V 15-min	olume	ak	(	Cross	swalks	3	Coi	nflict
Begins	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour	Pe	N	S	W	Е	15 min	Hr
n/a																									
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Total																									0
Avg Hr																									
Da ala la		£ 41		4!_	_																				
Peak he	our o	tne	inters	ectio	n																			l i	0
15x4																									0
																		+							n/a
PHF																									n/a
Peak h	our ດ	f con	flictin	a vol	umes	for th	ne inte	ersect	ion																
Pk Hr	- J U			J . J.														*							0
15x4																		+							0
PHF																		-							n/a
																									11/4





		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	NORTH Approach			SO	UTH /	Appro	ach	W	EST A	Approa	ach	E	AST A	pproa	ich	Total	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Total	118	729	81	928	37	999	41	1077	60	24	32	116	18	25	241	284	2405	
Avg Hr	15	91	10	116	5	125	5	135	8	3	4	15	2	3	30	36	301	

(	Cross	walks	3											
N	N S W E													
20	11	26	51											
3	1	3	6											

# AM Peak Period 5 Hours

		Ma	r St			Ma	r St			3rd	Ave			3rd	Ave			
	NO	RTH /	Appro	ach	SO	UTH A	Approa	ach	W	EST A	Approa	ach	E	AST A	pproa	ach	Total	
Totals	Left Thru Right Tot			Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	
Period	55	397	33	485	24	578	20	622	35	10	14	59	13	9	122	144	1310	
Avg Hr	11	79	7	97	5	116	4	124	7	2	3	12	3	2	24	29	262	

(	Cross	walks	S
N	S	W	Е
8	7	15	18
2	1	3	4

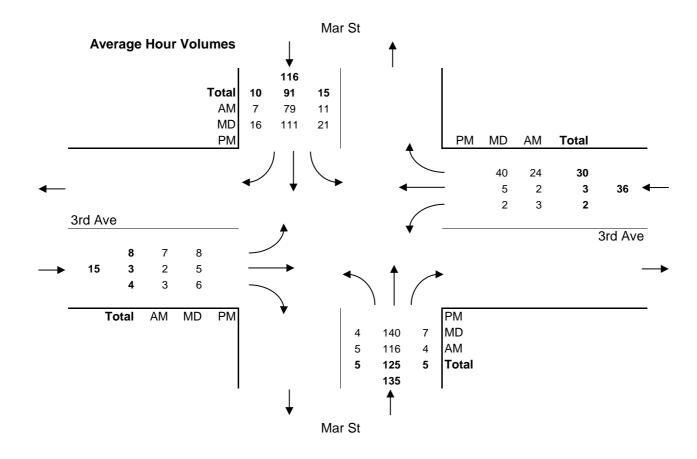
## MD Peak Period 3 Hours

		Ma	r St			Mar St				3rd	Ave			3rd	Ave			
	NO	RTH /	Appro	ach	SO	SOUTH Approach			WEST Approach			EAST Approach				Total		
Totals	Left	Thru	Right	Total	Left			Left	Left Thru Right Total		Left	Thru	Right	Total	Volume			
Total	63	332	48	443	13	421	21	455	25	14	18	57	5	16	119	140	1095	
Avg Hr	21	111	16	148	4	140	7	152	8	5	6	19	2	5	40	47	365	

(	Cross	walks	3										
N	N S W E												
12	4	11	33										
4	1	4	11										

		Ма	r St			Mar St			3rd Ave				3rd Ave					
	NO	RTH	Appro	ach	SO	SOUTH Approach			WEST Approach			EAST Approach				Total		
Totals	Left	Thru	Right	Total	Left			Left	eft Thru Right Total		Left	Thru Right Total		Total	Volume			
Total																		
Avg Hr																		

(	Cross	walks	3										
N	N S W E												



# Data summarized for input into Synchro/HCS

# **All Vehicles Combined**

#### AM

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

#### MD

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

#### РМ

	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											

# Regular Vehicles

## AM

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

#### MD

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

#### PM

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

## **Buses**

#### AM

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

#### MD

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

#### РМ

	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											

# **Articulated Trucks**

#### AM

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

#### MD

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

#### РМ

	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											

# **Cube Trucks**

#### AM

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

Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	0	2	0	0	2	0	3	1	0	2	0
% of Total Vehicles	0%	0%	14%	0%	0%	2%	0%	1%	5%	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											
Total Volume	0	0	0	0	0	0	0	1	1	0	2	1
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	1%	2%

#### PM

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

# **Dump Trucks**

## AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	4	0	0	3	0
Peak Hour Factor	n/a	0.50	n/a	n/a	0.75	n/a						
Total Volume	0	0	0	0	0	0	1	19	0	0	19	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	4%	3%	0%	0%	5%	0%

#### MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	0	0	4	0	0	4	0
Peak Hour Factor	n/a	0.33	n/a	n/a	0.50	n/a						
Total Volume	0	0	0	0	0	0	0	15	0	0	14	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	4%	0%

## РМ

	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											

# **Emergency 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											
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%

#### 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											
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%

#### РМ

	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											

# **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											
Total Volume	0	0	0	1	0	1	1	0	0	0	2	0
% of Total Vehicles	0%	0%	0%	8%	0%	1%	4%	0%	0%	0%	1%	0%

#### MD

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

#### PM

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

# **Logging Trucks**

#### AM

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

#### MD

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

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

#### РМ

	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											

# RVs

## AM

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

#### MD

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

# РМ

	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											

# **Utility Trucks**

## AM

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

## MD

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

РМ

	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											