

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Regular Vehicles

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak	Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach												
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour			N	S	W	E
7:00	0	16	25	3	44	0	0	23	0	23	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	79			0	0	0	2	0
7:15	2	18	23	4	47	0	0	28	0	28	0	0	0	0	0	0	0	0	4	4	0	4	0	0	4	83			2	0	2	3	0
7:30	2	19	43	1	65	0	0	47	1	48	1	0	0	0	1	0	0	0	1	1	0	15	0	0	15	130			0	0	0	1	0
7:45	4	42	44	3	93	0	0	46	0	46	0	0	0	0	0	0	0	0	3	3	0	13	0	0	13	155	447		0	0	3	0	0
8:00	5	43	29	3	80	0	0	37	0	37	0	0	0	0	0	0	0	1	2	3	0	22	0	0	22	142	510		2	0	5	4	1
8:15	2	42	39	2	85	0	1	55	0	56	0	0	0	0	0	0	0	0	3	3	0	16	0	0	16	160	587		1	0	1	4	0
8:30	4	61	30	1	96	0	0	55	0	55	1	0	0	0	1	0	0	0	4	4	0	24	0	0	24	180	637		0	0	2	3	0
8:45	7	99	44	0	150	0	0	56	1	57	0	0	0	0	0	0	0	1	7	8	0	18	0	0	18	233	715		2	0	3	5	1
9:00	4	52	42	2	100	0	0	60	1	61	0	0	0	0	0	0	0	0	4	4	0	26	0	0	26	191	764		1	1	1	1	0
9:15	4	53	21	1	79	0	0	42	1	43	0	0	0	0	0	0	0	0	4	4	0	32	0	0	32	158	762		0	0	0	10	0
9:30	4	50	36	2	92	0	0	57	0	57	0	0	0	0	0	0	0	1	3	4	0	23	0	1	24	177	759		0	1	1	5	0
9:45	5	75	39	2	121	0	0	59	0	59	0	0	0	0	0	0	0	0	4	4	0	32	0	1	33	217	743		3	0	8	1	3
10:00	1	69	36	2	108	0	0	82	1	83	0	0	0	0	0	1	0	0	3	4	0	30	0	1	31	226	778		0	0	2	5	0
10:15	5	72	28	1	106	0	0	89	0	89	0	0	0	0	0	0	0	0	5	5	0	38	0	0	38	238	858		3	0	3	5	0
10:30	3	59	52	0	114	0	0	65	5	70	0	0	0	0	0	0	0	0	8	8	0	40	1	0	41	233	914		0	1	3	5	0
10:45	1	82	49	1	133	0	0	73	0	73	0	0	0	0	0	0	0	0	7	7	0	32	0	0	32	245	942		1	0	2	2	1
11:00	4	62	39	1	106	0	0	87	1	88	0	0	0	0	0	0	0	0	7	7	0	36	0	0	36	237	953	*	1	0	1	4	1
11:15	5	68	37	0	110	0	0	89	1	90	0	0	0	0	0	0	0	0	11	11	0	49	0	0	49	260	975	*	2	0	2	4	1
11:30	3	63	50	1	117	0	0	86	1	87	0	0	0	0	0	0	0	0	7	7	0	43	0	1	44	255	997	*	1	0	3	9	1
11:45	3	79	49	1	132	0	0	77	0	77	0	0	0	0	0	0	0	0	8	8	0	49	0	2	51	268	1020	+	2	0	2	1	1
Total	68	1124	755	31	1978	0	1	1213	13	1227	2	0	0	0	2	1	0	3	99	103	0	550	1	6	557	3867			21	3	44	74	10

12:00	10	74	57	2	143	0	0	108	3	111	0	0	0	0	0	0	0	0	4	4	0	51	0	0	51	309			2	0	2	11	0
12:15	5	85	47	2	139	0	0	87	2	89	0	0	0	2	2	0	0	0	4	4	0	44	0	2	46	280			1	0	0	8	0
12:30	5	78	41	0	124	0	0	83	3	86	0	0	0	0	0	0	0	0	4	4	0	42	1	0	43	257			2	1	6	4	3
12:45	3	90	46	2	141	0	0	99	1	100	0	0	0	0	0	0	0	0	3	3	0	54	0	0	54	298	1144		0	0	2	4	0
13:00	8	85	53	1	147	0	0	70	1	71	0	0	0	0	0	0	0	0	1	1	0	39	1	0	40	259	1094		0	0	4	4	1
13:15	1	73	48	0	122	0	0	82	1	83	0	0	0	0	0	0	0	0	12	12	0	34	1	1	36	253	1067		1	0	3	7	0
13:30	2	86	51	0	139	0	0	97	2	99	1	0	0	0	1	0	0	0	10	10	0	53	0	1	54	303	1113		0	0	5	7	1
13:45	3	64	44	1	112	0	0	92	1	93	1	0	0	0	1	0	0	1	4	5	0	41	0	1	42	253	1068		1	0	3	5	0
14:00	3	87	52	1	143	0	0	108	0	108	0	0	0	0	0	0	0	0	10	10	0	65	1	0	66	327	1136+		1	0	3	2	3
14:15	4	70	44	2	120	0	0	96	3	99	0	0	0	0	0	0	0	0	5	5	0	38	0	1	39	263	1146*		1	0	0	6	1
14:30	2	92	58	0	152	0	0	76	1	77	0	0	0	0	0	0	0	0	3	3	0	51	0	0	51	283	1126*		2	0	7	8	7
14:45	4	104	47	1	156	0	0	95	4	99	0	0	0	0	0	0	0	0	7	7	0	41	1	0	42	304	1177*		0	0	2	4	0
n/a																																	
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Total	50	988	588	12	1638	0	0	1093	22	1115	2	0	0	2	4	0	0	1	67	68	0	553	5	6	564	3389			11	1	37	70	16

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Total																																	

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak Flow	Pedestrians					Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	SW	15 min	Hr
7:00	0	16	25	3	44	0	0	23	0	23	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	79			0	0	0	2	0		
7:15	2	18	23	4	47	0	0	28	0	28	0	0	0	0	0	0	0	0	4	4	0	4	0	0	4	83			2	0	2	3	0		
7:30	2	19	43	1	65	0	0	47	1	48	1	0	0	0	1	0	0	0	1	1	0	15	0	0	15	130			0	0	0	1	0		
7:45	4	42	44	3	93	0	0	46	0	46	0	0	0	0	0	0	0	0	3	3	0	13	0	0	13	155	447		0	0	3	0	0		
8:00	5	43	29	3	80	0	0	37	0	37	0	0	0	0	0	0	0	1	2	3	0	22	0	0	22	142	510		2	0	5	4	1		
8:15	2	42	39	2	85	0	1	55	0	56	0	0	0	0	0	0	0	0	3	3	0	16	0	0	16	160	587		1	0	1	4	0		
8:30	4	61	30	1	96	0	0	55	0	55	1	0	0	0	1	0	0	0	4	4	0	24	0	0	24	180	637		0	0	2	3	0		
8:45	7	99	44	0	150	0	0	56	1	57	0	0	0	0	0	0	0	1	7	8	0	18	0	0	18	233	715		2	0	3	5	1		
9:00	4	52	42	2	100	0	0	60	1	61	0	0	0	0	0	0	0	0	4	4	0	26	0	0	26	191	764		1	1	1	1	0		
9:15	4	53	21	1	79	0	0	42	1	43	0	0	0	0	0	0	0	0	4	4	0	32	0	0	32	158	762		0	0	0	10	0		
9:30	4	50	36	2	92	0	0	57	0	57	0	0	0	0	0	0	0	1	3	4	0	23	0	1	24	177	759		0	1	1	5	0		
9:45	5	75	39	2	121	0	0	59	0	59	0	0	0	0	0	0	0	0	4	4	0	32	0	1	33	217	743		3	0	8	1	3		
10:00	1	69	36	2	108	0	0	82	1	83	0	0	0	0	0	1	0	0	3	4	0	30	0	1	31	226	778		0	0	2	5	0		
10:15	5	72	28	1	106	0	0	89	0	89	0	0	0	0	0	0	0	0	5	5	0	38	0	0	38	238	858		3	0	3	5	0		
10:30	3	59	52	0	114	0	0	65	5	70	0	0	0	0	0	0	0	0	8	8	0	40	1	0	41	233	914		0	1	3	5	0		
10:45	1	82	49	1	133	0	0	73	0	73	0	0	0	0	0	0	0	0	7	7	0	32	0	0	32	245	942		1	0	2	2	1		
11:00	4	62	39	1	106	0	0	87	1	88	0	0	0	0	0	0	0	0	7	7	0	36	0	0	36	237	953	*	1	0	1	4	1		
11:15	5	68	37	0	110	0	0	89	1	90	0	0	0	0	0	0	0	0	11	11	0	49	0	0	49	260	975	*	2	0	2	4	1		
11:30	3	63	50	1	117	0	0	86	1	87	0	0	0	0	0	0	0	0	7	7	0	43	0	1	44	255	997	*	1	0	3	9	1		
11:45	3	79	49	1	132	0	0	77	0	77	0	0	0	0	0	0	0	0	8	8	0	49	0	2	51	268	1020	+	2	0	2	1	1		

Total	68	1124	755	31	1978	0	1	1213	13	1227	2	0	0	0	2	1	0	3	99	103	0	550	1	6	557	3867			21	3	44	74	10		
Avg Hr	14	225	151	6	396	0	0	243	3	245	0	0	0	0	0	0	0	1	20	21	0	110	0	1	111	773			4	1	9	15	2		

Peak hour of the intersection

Pk Hr	15	272	175	3	465	0	0	339	3	342	0	0	0	0	0	0	0	33	33	0	177	0	3	180	1020	*	6	0	8	18	4	
15x4	20	316	200	4	528	0	0	356	4	360	0	0	0	0	0	0	0	44	44	0	196	0	8	204	1072	+	8	0	12	36	4	
PHF	0.75	0.86	0.88	0.75	0.88	n/a	n/a	0.95	0.75	0.95	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.75	0.75	n/a	0.90	n/a	0.38	0.88	0.95		0.75	n/a	0.67	0.50	1.00	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak	Pedestrians					Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	SW	15 min	Hr
12:00	10	74	57	2	143	0	0	108	3	111	0	0	0	0	0	0	0	0	4	4	0	51	0	0	51	309			2	0	2	11	0		
12:15	5	85	47	2	139	0	0	87	2	89	0	0	0	2	2	0	0	0	4	4	0	44	0	2	46	280			1	0	0	8	0		
12:30	5	78	41	0	124	0	0	83	3	86	0	0	0	0	0	0	0	0	4	4	0	42	1	0	43	257			2	1	6	4	3		
12:45	3	90	46	2	141	0	0	99	1	100	0	0	0	0	0	0	0	0	3	3	0	54	0	0	54	298	1144		0	0	2	4	0		
13:00	8	85	53	1	147	0	0	70	1	71	0	0	0	0	0	0	0	0	1	1	0	39	1	0	40	259	1094		0	0	4	4	1		
13:15	1	73	48	0	122	0	0	82	1	83	0	0	0	0	0	0	0	0	12	12	0	34	1	1	36	253	1067		1	0	3	7	0		
13:30	2	86	51	0	139	0	0	97	2	99	1	0	0	0	1	0	0	0	10	10	0	53	0	1	54	303	1113		0	0	5	7	1		
13:45	3	64	44	1	112	0	0	92	1	93	1	0	0	0	1	0	0	1	4	5	0	41	0	1	42	253	1068		1	0	3	5	0		
14:00	3	87	52	1	143	0	0	108	0	108	0	0	0	0	0	0	0	0	10	10	0	65	1	0	66	327	1136	+	1	0	3	2	3		
14:15	4	70	44	2	120	0	0	96	3	99	0	0	0	0	0	0	0	0	5	5	0	38	0	1	39	263	1146	*	1	0	0	6	1		
14:30	2	92	58	0	152	0	0	76	1	77	0	0	0	0	0	0	0	0	3	3	0	51	0	0	51	283	1126	*	2	0	7	8	7		
14:45	4	104	47	1	156	0	0	95	4	99	0	0	0	0	0	0	0	0	7	7	0	41	1	0	42	304	1177	*	0	0	2	4	0		
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Total	50	988	588	12	1638	0	0	1093	22	1115	2	0	0	2	4	0	0	1	67	68	0	553	5	6	564	3389			11	1	37	70	16	
Avg Hr	17	329	196	4	546	0	0	364	7	372	1	0	0	1	1	0	0	0	22	23	0	184	2	2	188	1130			4	0	12	23	5	

Peak hour of the intersection

Pk Hr	13	353	201	4	571	0	0	375	8	383	0	0	0	0	0	0	0	25	25	0	195	2	1	198	1177	*	4	0	12	20	11	
15x4	16	416	232	8	624	0	0	432	16	432	0	0	0	0	0	0	0	40	40	0	260	4	4	264	1308	+	8	0	28	32	28	
PHF	0.81	0.85	0.87	0.50	0.92	n/a	n/a	0.87	0.50	0.89	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63	0.63	n/a	0.75	0.50	0.25	0.75	0.90		0.50	n/a	0.43	0.63	0.39	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

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

PM Peak Period Regular Vehicles

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume	Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach						N				
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		S	W	E	SW	
Total	118	2112	1343	43	3616	0	1	2306	35	2342	4	0	0	2	6	1	0	4	166	171	0	1103	6	12	1121	7256	32	4	81	144	26
Avg Hr	15	264	168	5	452	0	0	288	4	293	1	0	0	0	1	0	0	1	21	21	0	138	1	2	140	907	4	1	10	18	3

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume	Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach						N				
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		S	W	E	SW	
Total	68	1124	755	31	1978	0	1	1213	13	1227	2	0	0	0	2	1	0	3	99	103	0	550	1	6	557	3867	21	3	44	74	10
Avg Hr	14	225	151	6	396	0	0	243	3	245	0	0	0	0	0	0	0	1	20	21	0	110	0	1	111	773	4	1	9	15	2

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume	Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach						N				
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		S	W	E	SW	
Total	50	988	588	12	1638	0	0	1093	22	1115	2	0	0	2	4	0	0	1	67	68	0	553	5	6	564	3389	11	1	37	70	16
Avg Hr	17	329	196	4	546	0	0	364	7	372	1	0	0	1	1	0	0	0	22	23	0	184	2	2	188	1130	4	0	12	23	5

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total		Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	Volume	N	S	W	E	SW	
Total																																
Avg Hr																																

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
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Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Buses

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data Buses

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

[illegible]

12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
12:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0	0
12:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2			0	0	0	0	0
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5			0	0	0	0	0
13:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6			0	0	0	0	0
13:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5			0	0	0	0	0
13:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5			0	0	0	0	0
13:45	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9			0	0	0	0	0	0
14:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10 ⁺			0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11 [*]			0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10 [*]			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	5 [*]			0	0	0	0	0	0
n/a																																	
n/a																																	
n/a																																	
n/a																																	
Total	0	6	3	1	10	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	19				0	0	0	0	0	0

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0			
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0			
7:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0			
7:45	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4			0	0	0	0	0		
8:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4			0	0	0	0	0		
8:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7			0	0	0	0	0		
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7			0	0	0	0	0		
8:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7			0	0	0	0	0		
9:00	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	10			0	0	0	0	0		
9:15	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10			0	0	0	0	0		
9:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10			0	0	0	0	0		
9:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9			0	0	0	0	0		
10:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6			0	0	0	0	0		
10:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4			0	0	0	0	0		
10:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4			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	1	0	0	1	1	4			0	0	0	0	0		
11:00	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5*			0	0	0	0	0		
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4*			0	0	0	0	0		
11:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4*			0	0	0	0	0		
11:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4+			0	0	0	0	0		

Total	1	10	3	1	15	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	28			0	0	0	0	0		
Avg Hr	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4*			0	0	0	0	0		
15x4	0	4	0	4	8	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8+			0	0	0	0	0		
PHF	n/a	0.50	n/a	0.25	0.38	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.50			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
12:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2			0	0	0	0	0		
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0		
13:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0	0		
13:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0		
13:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5		0	0	0	0	0		
13:45	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9		0	0	0	0	0		
14:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	+	0	0	0	0	0		
14:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	*	0	0	0	0	0		
14:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	*	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	0	0	5	*	0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			

Total	0	6	3	1	10	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	19			0	0	0	0	0	
Avg Hr	0	2	1	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6			0	0	0	0	0	

Peak hour of the intersection

Pk Hr	0	2	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	*			0	0	0	0	0	
15x4	0	8	0	0	8	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	+			0	0	0	0	0	
PHF	n/a	0.25	n/a	n/a	0.25	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	n/a	n/a	n/a	n/a	n/a	n/a	0.63				n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

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

PM Peak Period Buses

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	1	16	6	2	25	0	0	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	47	0	0	0	0	0				
Avg Hr	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0					

AM Peak Period

5 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	1	10	3	1	15	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	28	0	0	0	0	0					
Avg Hr	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0					

MD Peak Period

3 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	0	6	3	1	10	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	19	0	0	0	0	0				
Avg Hr	0	2	1	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0					

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	Volume	N	S	W	E	NE	
Total																																
Avg Hr																																

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Articulated Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data

Articulated Trucks

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

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach												
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE
7:00	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0
7:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4			0	0	0	0	0
7:30	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6			0	0	0	0	0
7:45	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	17		0	0	0	0	0
8:00	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	20		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	1	0	0	1	1	17		0	0	0	0	0
8:30	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6	17		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	1	0	0	1	1	14		0	0	0	0	0
9:00	0	0	0	2	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12		0	0	0	0	0
9:15	0	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14		0	0	0	0	0
9:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0	0
9:45	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12		0	0	0	0	0
10:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3	11		0	0	0	0	0
10:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0	0
10:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	11		0	0	0	0	0
10:45	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	12		0	0	0	0	0
11:00	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12*		0	0	0	0	0
11:15	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13*		0	0	0	0	0
11:30	0	0	1	1	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	15*		0	0	0	0	0
11:45	0	0	0	2	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14+		0	0	0	0	0
Total	0	10	8	21	39	0	0	8	1	9	0	0	0	0	0	0	0	0	0	0	0	21	0	0	21	69			0	0	0	0	0

12:00	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	6		0	0	0	0	0
12:15	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3		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	1	0	0	1	1		0	0	0	0	0	
12:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	12	0	0	0	0	0	
13:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0	
13:15	0	0	0	2	2	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	10	0	0	0	0	0
13:30	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	14	0	0	0	0	0	
13:45	0	3	1	2	6	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9	21	0	0	0	0	0	
14:00	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	22 ⁺	0	0	0	0	0	
14:15	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	21 [*]	0	0	0	0	0	
14:30	0	0	1	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6	22 [*]	0	0	0	0	0	
14:45	1	1	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17 [*]	0	0	0	0	0	
n/a																																
n/a																																
n/a																																
n/a																																
Total	1	6	5	11	23	0	0	10	0	10	0	0	0	0	0	0	0	0	1	1	0	16	0	0	16	50		0	0	0	0	0

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0			
7:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4			0	0	0	0	0		
7:30	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6			0	0	0	0	0		
7:45	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	17			0	0	0	0	0		
8:00	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	20			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	1	0	0	1	1	17			0	0	0	0	0		
8:30	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6	17			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	1	0	0	1	1	14			0	0	0	0	0		
9:00	0	0	0	2	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12			0	0	0	0	0		
9:15	0	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14			0	0	0	0	0		
9:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9			0	0	0	0	0		
9:45	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12			0	0	0	0	0		
10:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3	11			0	0	0	0	0		
10:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9			0	0	0	0	0		
10:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	11			0	0	0	0	0		
10:45	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	12			0	0	0	0	0		
11:00	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12*			0	0	0	0	0		
11:15	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13*			0	0	0	0	0		
11:30	0	0	1	1	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	15*			0	0	0	0	0		
11:45	0	0	0	2	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14+			0	0	0	0	0		

Total	0	10	8	21	39	0	0	8	1	9	0	0	0	0	0	0	0	0	0	0	0	21	0	0	21	69			0	0	0	0	0		
Avg Hr	0	2	2	4	8	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	14			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	1	6	8	0	0	4	1	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	14*			0	0	0	0	0		
15x4	0	4	4	8	8	0	0	8	4	8	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	20+			0	0	0	0	0		
PHF	n/a	0.25	0.25	0.75	1.00	n/a	n/a	0.50	0.25	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.70			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
12:00	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	6		0	0	0	0	0		
12:15	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3		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	1	0	0	1	1		0	0	0	0	0			
12:45	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	12	0	0	0	0	0			
13:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0	0	0	0	0			
13:15	0	0	0	2	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	10	0	0	0	0	0		
13:30	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	14	0	0	0	0	0			
13:45	0	3	1	2	6	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9	21	0	0	0	0	0			
14:00	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	22	+	0	0	0	0	0		
14:15	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	21	*	0	0	0	0	0		
14:30	0	0	1	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	6	22	*	0	0	0	0	0		
14:45	1	1	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17	*	0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			

Total	1	6	5	11	23	0	0	10	0	10	0	0	0	0	0	0	0	0	1	1	0	16	0	0	16	50			0	0	0	0	0	
Avg Hr	0	2	2	4	8	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	5	0	0	5	17			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	1	2	3	1	7	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	17 [*]			0	0	0	0	0		
15x4	4	4	8	4	8	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	12	0	0	12	24 ⁺			0	0	0	0	0		
PHF	0.25	0.50	0.38	0.25	0.88	n/a	n/a	0.75	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.33	n/a	n/a	0.33	0.71			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period Articulated Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	1	16	13	32	62	0	0	18	1	19	0	0	0	0	0	0	0	0	0	1	1	0	37	0	0	37	119	0	0	0	0	0
Avg Hr	0	2	2	4	8	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	15	0	0	0	0	0

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	0	10	8	21	39	0	0	8	1	9	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	21	69					
Avg Hr	0	2	2	4	8	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	14						

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	1	6	5	11	23	0	0	10	0	10	0	0	0	0	0	0	0	0	0	1	1	0	16	0	0	16	50	0	0	0	0	0
Avg Hr	0	2	2	4	8	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	17	0	0	0	0	0	

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Cube Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data

Cube Trucks

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

[illegible]

12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
12:30	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	
12:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0	0	0	
13:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	7		0	0	0	0	0	
13:15	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4	11		0	0	0	0	0
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0	0	
13:45	0	0	2	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	5	13		0	0	0	0	0	
14:00	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	4	14 +		0	0	0	0	0	
14:15	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12 *		0	0	0	0	0	
14:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12 *		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	7 *		0	0	0	0	0	
n/a																																
n/a																																
n/a																																
n/a																																
Total	0	4	7	1	12	0	0	8	0	8	0	0	0	0	0	0	0	0	1	1	0	3	0	0	3	24		0	0	0	0	0

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3			0	0	0	0	0			
7:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0			
7:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0			
7:45	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8			0	0	0	0	0		
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5			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	0	0	4			0	0	0	0	0		
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4			0	0	0	0	0		
8:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4			0	0	0	0	0		
9:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5			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	1	1	0	1	0	1	2	7			0	0	0	0	0		
9:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6			0	0	0	0	0		
9:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7			0	0	0	0	0		
10:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7			0	0	0	0	0		
10:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8			0	0	0	0	0		
10:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8			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	0	5			0	0	0	0	0			
11:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5*			0	0	0	0	0		
11:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4*			0	0	0	0	0		
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4	7*			0	0	0	0	0		
11:45	0	0	1	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	11+			0	0	0	0	0		

Total	0	11	5	0	16	0	0	8	0	8	0	0	0	0	0	0	0	0	1	1	0	10	0	0	10	35			0	0	0	0	0		
Avg Hr	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	3	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	5	0	0	5	11*			0	0	0	0	0		
15x4	0	4	4	0	8	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	16	0	0	16	16+			0	0	0	0	0		
PHF	n/a	0.25	0.75	n/a	0.50	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	n/a	n/a	0.31	n/a	n/a	0.31	0.69			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:30	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0		
12:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0		
13:00	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	7	0	0	0	0	0			
13:15	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	4	11	0	0	0	0	0		
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	0	0	0		
13:45	0	0	2	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	13		0	0	0	0	0		
14:00	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	14 +	0	0	0	0	0	0		
14:15	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12 *		0	0	0	0	0		
14:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12 *		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	0	0	7 *		0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			

Total	0	4	7	1	12	0	0	8	0	8	0	0	0	0	0	0	0	0	1	1	0	3	0	0	3	24			0	0	0	0	0		
Avg Hr	0	1	2	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	8			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	2	0	2	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7 *			0	0	0	0	0		
15x4	0	0	4	0	4	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	16 +			0	0	0	0	0		
PHF	n/a	n/a	0.50	n/a	0.50	n/a	n/a	0.33	n/a	0.33	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.44			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period Cube Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	0	15	12	1	28	0	0	16	0	16	0	0	0	0	0	0	0	0	0	2	2	0	13	0	0	13	59									
Avg Hr	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7									

AM Peak Period

5 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	0	11	5	0	16	0	0	8	0	8	0	0	0	0	0	0	0	0	0	1	1	0	10	0	0	10	35									
Avg Hr	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7									

MD Peak Period

3 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	0	4	7	1	12	0	0	8	0	8	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	3	24									
Avg Hr	0	1	2	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	8										

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Dump Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data Dump Trucks

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

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach													
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4			0	0	0	0	0
8:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5			0	0	0	0	0
8:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	6			0	0	0	0	0
8:30	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10			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	1	1	0	0	0	0	0	1	8			0	0	0	0	0
9:00	0	5	0	0	5	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14			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	0	0	12			0	0	0	0	0
9:30	0	4	0	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15			0	0	0	0	0
9:45	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	18			0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11			0	0	0	0	0
10:15	0	1	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15			0	0	0	0	0
10:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11			0	0	0	0	0
10:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9			0	0	0	0	0
11:00	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	13*			0	0	0	0	0
11:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11*			0	0	0	0	0
11:30	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12*			0	0	0	0	0
11:45	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12+			0	0	0	0	0
Total	0	24	0	3	27	0	0	19	0	19	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	51			0	0	0	0	0

12:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4			0	0	0	0	0
12:15	0	3	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4			0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	1	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12			0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8			0	0	0	0	0
13:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7			0	0	0	0	0
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8			0	0	0	0	0	
13:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	0	0	2	5	9			0	0	0	0	0
14:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	12 ⁺			0	0	0	0	0	
14:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11 [*]			0	0	0	0	0	
14:30	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12 [*]			0	0	0	0	0	
14:45	0	2	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	3	0	0	3	8	15 [*]			0	0	0	0	0
n/a																																
n/a																																
n/a																																
n/a																																
Total	0	15	0	2	17	0	0	13	0	13	0	0	0	0	0	0	0	0	0	6	0	0	6	36			0	0	0	0	0	0

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0			
7:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0			
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0			
7:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4		0	0	0	0	0		
8:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0		
8:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	6		0	0	0	0	0		
8:30	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10		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	1	1	0	0	0	0	0	1	8		0	0	0	0	0		
9:00	0	5	0	0	5	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14		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	0	0	0	12		0	0	0	0	0		
9:30	0	4	0	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15		0	0	0	0	0		
9:45	0	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	18		0	0	0	0	0		
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11		0	0	0	0	0		
10:15	0	1	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15		0	0	0	0	0		
10:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11		0	0	0	0	0		
10:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9		0	0	0	0	0			
11:00	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	13*		0	0	0	0	0			
11:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11*		0	0	0	0	0			
11:30	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12*		0	0	0	0	0			
11:45	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12+		0	0	0	0	0			

Total	0	24	0	3	27	0	0	19	0	19	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	51			0	0	0	0	0		
Avg Hr	0	5	0	1	5	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	10			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	4	0	1	5	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	2	0	0	2	12	*	0	0	0	0	0	
15x4	0	8	0	4	12	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	8	0	0	8	16	+	0	0	0	0	0	
PHF	n/a	0.50	n/a	0.25	0.42	n/a	n/a	0.63	n/a	0.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.75		n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
12:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4			0	0	0	0	0			
12:15	0	3	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0			
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0			
12:45	0	1	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12			0	0	0	0	0		
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8			0	0	0	0	0		
13:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7			0	0	0	0	0		
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8			0	0	0	0	0			
13:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	9			0	0	0	0	0		
14:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	+		0	0	0	0	0			
14:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	*		0	0	0	0	0			
14:30	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	*		0	0	0	0	0			
14:45	0	2	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	8	15	*		0	0	0	0	0		
n/a																																				
n/a																																				
n/a																																				
n/a																																				

Total	0	15	0	2	17	0	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	36			0	0	0	0	0		
Avg Hr	0	5	0	1	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	12			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	6	0	1	7	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	3	0	0	3	15	*			0	0	0	0	0		
15x4	0	8	0	4	8	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	12	0	0	12	32	+			0	0	0	0	0		
PHF	n/a	0.75	n/a	0.25	0.88	n/a	n/a	0.42	n/a	0.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.47			n/a	n/a	n/a	n/a	n/a			

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period Dump Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	0	39	0	5	44	0	0	32	0	32	0	0	0	0	0	0	0	0	0	1	1	0	10	0	0	10	87	0	0	0	0	0
Avg Hr	0	5	0	1	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	11	0	0	0	0	0

AM Peak Period

5 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	NE						
Total	0	24	0	3	27	0	0	19	0	19	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	51	0	0	0	0	0				
Avg Hr	0	5	0	1	5	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	10	0	0	0	0	0					

MD Peak Period

3 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	15	0	2	17	0	0	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	36	0	0	0	0	0	
Avg Hr	0	5	0	1	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	12	0	0	0	0	0	

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Emergency Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data

Emergency Trucks

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

Time Period Begins	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume		Peak						
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach														
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour	N	S	W	E	NE							
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0						
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0						
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0						
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0						
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0						
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0						
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0						
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*	0	0	0	0	0						
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0+	0	0	0	0	0						
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0					

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

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0			
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0			
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0			
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0			
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0			
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0			
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0		
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0		
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	+	0	0	0	0	0		

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

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period Emergency Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

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

PM Peak Period Emergency Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Garbage Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data

Garbage Trucks

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

[illegible]

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

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr	
7:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0			
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0			
7:30	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			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	0	0	3			0	0	0	0	0		
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			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	0	0	2			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	0	0	0			0	0	0	0	0		
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	2	0	0	2	2			0	0	0	0	0		
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
9:45	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4			0	0	0	0	0		
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0		
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			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	0	0	2			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	0	0	0			0	0	0	0	0		
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*			0	0	0	0	0		
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0*			0	0	0	0	0		
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0+			0	0	0	0	0		

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

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0			
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0			
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0		
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0		
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
13:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	0		
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		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	0	0	1	+	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	0	0	1	*	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	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	0	0	0	*	0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			

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

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

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

PM Peak Period Garbage Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	1	0	1	1	3	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9	0	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	1	0	1	1	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	0	0	0	0	0
Avg Hr	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Logging Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data Logging Trucks

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

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach												
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE
7:00	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0
7:15	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0	
8:00	0	3	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10		0	0	0	0	0	
8:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9		0	0	0	0	0	
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0	
8:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0	
9:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0	
9:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0	0	0	
9:30	0	2	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7		0	0	0	0	0	
9:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	8		0	0	0	0	0	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0	0	
10:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8		0	0	0	0	0	
10:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0	
10:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0	
11:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6*		0	0	0	0	0	
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4*		0	0	0	0	0	
11:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	4*		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	0	3+		0	0	0	0	0	
Total	0	16	1	1	18	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	3	0	3	32			0	0	0	0	0	

12:00		0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0
12:15		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0
12:30		0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0	0
12:45		0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0	0
13:00		0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	4	7		0	0	0	0	0	0
13:15		0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0	0	0
13:30		0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10		0	0	0	0	0	0	0
13:45		0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0	0	0	0
14:00		0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8+		0	0	0	0	0	0	0
14:15		0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2	9*		0	0	0	0	0	0	0
14:30		0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	7*		0	0	0	0	0	0	0
14:45		0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7*		0	0	0	0	0	0	0
n/a																															
n/a																															
n/a																															
n/a																															
Total		0	12	1	0	13	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	22			0	0	0	0	0	0	0

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
7:00	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
7:15	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0		
7:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2			0	0	0	0	0		
7:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0		
8:00	0	3	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10		0	0	0	0	0		
8:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9		0	0	0	0	0		
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0		
8:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0		
9:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0		
9:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0	0	0		
9:30	0	2	0	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7		0	0	0	0	0		
9:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	8		0	0	0	0	0		
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0	0		
10:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8		0	0	0	0	0		
10:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0		
10:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	0		
11:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6*		0	0	0	0	0		
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4*		0	0	0	0	0		
11:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4*		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	0	0	3+		0	0	0	0	0		

Total	0	16	1	1	18	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	3	0	0	3	32			0	0	0	0	0		
Avg Hr	0	3	0	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3*			0	0	0	0	0		
15x4	0	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	8+			0	0	0	0	0		
PHF	n/a	0.25	n/a	0.25	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	0.25	0.38			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict			
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach																
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr		
12:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0				
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0				
12:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0				
12:45	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6			0	0	0	0	0			
13:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	7			0	0	0	0	0			
13:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8			0	0	0	0	0			
13:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	10			0	0	0	0	0			
13:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9			0	0	0	0	0			
14:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	+		0	0	0	0	0			
14:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	*		0	0	0	0	0			
14:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	*		0	0	0	0	0			
14:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	*		0	0	0	0	0			
n/a																																					
n/a																																					
n/a																																					
n/a																																					

Total	0	12	1	0	13	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	22			0	0	0	0	0		
Avg Hr	0	4	0	0	4	0	0	2	0	2	0	0	0	0	0	0	0	1	0	0	1	7							0	0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period Logging Trucks

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

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Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	0	28	2	1	31	0	0	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	54	0	0	0	0	0
Avg Hr	0	4	0	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	0	0	0	0	0

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	0	16	1	1	18	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	32	0	0	0	0	0
Avg Hr	0	3	0	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	0	0	0	0	0

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	12	1	0	13	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	22	0	0	0	0	0
Avg Hr	0	4	0	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	0	0	0	0	0

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total																															
Avg Hr																															

Major Route:3rd Avenue

Minor Route:Dunbar Street

Municipality:Port Alberni

Filename:2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx

Location #:2

Date:September 28, 2017

Day-of-week:Thursday

East/West Route:3rd Avenue

Intersection Type:5-leg

Signalized?:Yes

Weather:Clear and dry

Vehicle Classifications:Regular Vehicles

Buses

Articulated Trucks

Cube Trucks

Dump Trucks

Emergency Trucks

Garbage Trucks

Logging Trucks

RVs

Utility Trucks

This data is for RVs

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

Notes:24-hour clock used for reporting (15-minute increments)

North Approach - southbound vehicles approaching intersection from the north

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

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

Comments:

Survey Data

RVs

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

[illegible][illegible][illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
7:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0		
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0		
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	1		0	0	0	0	0		
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0		0	0	0	0	0		
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0		0	0	0	0	0		
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0		0	0	0	0	0		
10:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	0		
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0		
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1*		0	0	0	0	0		
11:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2*		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	0	1+		0	0	0	0	0			

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

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
12:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0		
13:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0		
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0		
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0		
13:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	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	2	0	0	2	2	5+	0	0	0	0	0	0		
14:15	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6*	0	0	0	0	0	0		
14:30	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6*	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	0	0	4*	0	0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			

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

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period RVs

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St						Dunbar St						3rd Ave						3rd Ave						Kingsway Ave						Total Volume					
	NORTH Approach						SOUTH Approach						WEST Approach						EAST Approach						SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	4	2	0	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	12	0	0	0	0	0
Avg Hr	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE	
Total	0	3	1	0	4	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9	0	0	0	0	0
Avg Hr	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	0	0	0	0

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total																															
Avg Hr																															

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
Location #: 2

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

East/West Route: 3rd Avenue
Intersection Type: 5-leg
Signalized?: Yes
Weather: Clear and dry

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

This data is for Utility Trucks

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data Utility Trucks

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

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach												
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE
7:00	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0
7:15	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0
7:30	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5			0	0	0	0	0
7:45	0	2	2	1	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	8	20		0	0	0	0	0
8:00	0	1	1	2	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	9	26		0	0	0	0	0
8:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	26		0	0	0	0	0
8:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	5	26		0	0	0	0	0
8:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20		0	0	0	0	0	
9:00	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14		0	0	0	0	0
9:15	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	9	19		0	0	0	0	0
9:30	0	1	0	1	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19		0	0	0	0	0
9:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	20		0	0	0	0	0
10:00	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19		0	0	0	0	0
10:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13		0	0	0	0	0
10:30	0	1	0	0	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12		0	0	0	0	0
10:45	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	14		0	0	0	0	0
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	14*		0	0	0	0	0
11:15	0	0	1	0	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14*		0	0	0	0	0
11:30	0	0	0	1	1	0	0	3	0	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5	15*		0	0	0	0	0
11:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	14+		0	0	0	0	0
Total	0	14	15	11	40	0	0	22	2	24	0	0	0	0	0	0	0	0	3	3	0	21	0	0	21	88			0	0	0	0	0

12:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4			0	0	0	0	0
12:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3			0	0	0	0	0
12:30	0	0	1	2	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	5	18			0	0	0	0	0
13:00	0	3	1	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19			0	0	0	0	0
13:15	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	20			0	0	0	0	0
13:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	17			0	0	0	0	0
13:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	15			0	0	0	0	0
14:00	0	1	1	1	3	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	17 ⁺			0	0	0	0	0
14:15	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17 [*]			0	0	0	0	0
14:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16 [*]			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	1	0	0	1	1	14 [*]			0	0	0	0	0	
n/a																																		
n/a																																		
n/a																																		
n/a																																		
Total	0	10	6	4	20	0	0	12	1	13	0	0	0	0	0	0	0	0	0	0	0	14	0	0	14	47			0	0	0	0	0	

[illegible]

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach								N	S	W	E	NE	15 min	Hr
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour								
Begins																																			
7:00	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			0	0	0	0	0		
7:15	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0		
7:30	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5			0	0	0	0	0		
7:45	0	2	2	1	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	8	20		0	0	0	0	0		
8:00	0	1	1	2	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	9	26		0	0	0	0	0		
8:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	26		0	0	0	0	0		
8:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	5	26		0	0	0	0	0		
8:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20		0	0	0	0	0		
9:00	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14		0	0	0	0	0		
9:15	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	9	19		0	0	0	0	0		
9:30	0	1	0	1	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19		0	0	0	0	0		
9:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	20		0	0	0	0	0		
10:00	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19		0	0	0	0	0		
10:15	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13		0	0	0	0	0		
10:30	0	1	0	0	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	12		0	0	0	0	0		
10:45	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	14		0	0	0	0	0		
11:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	14*		0	0	0	0	0		
11:15	0	0	1	0	1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14*		0	0	0	0	0		
11:30	0	0	0	1	1	0	0	3	0	3	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	5	15*		0	0	0	0	0		
11:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	14+		0	0	0	0	0		

Total	0	14	15	11	40	0	0	22	2	24	0	0	0	0	0	0	0	0	3	3	0	21	0	0	21	88			0	0	0	0	0		
Avg Hr	0	3	3	2	8	0	0	4	0	5	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	18			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	2	1	1	4	0	0	6	1	7	0	0	0	0	0	0	0	1	1	0	2	0	0	2	14 *	0	0	0	0	0	
15x4	0	4	4	4	4	0	0	12	4	12	0	0	0	0	0	0	0	4	4	0	4	0	0	4	20 +	0	0	0	0	0	
PHF	n/a	0.50	0.25	0.25	1.00	n/a	n/a	0.50	0.25	0.58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	n/a	0.50	n/a	n/a	0.50	0.70	n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict			
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach																
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	NE	15 min	Hr		
12:00	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4			0	0	0	0	0				
12:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3			0	0	0	0	0				
12:30	0	0	1	2	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6			0	0	0	0	0				
12:45	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	5	18			0	0	0	0	0			
13:00	0	3	1	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19			0	0	0	0	0			
13:15	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	20			0	0	0	0	0			
13:30	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	17			0	0	0	0	0			
13:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	15			0	0	0	0	0			
14:00	0	1	1	1	3	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	17	+		0	0	0	0	0			
14:15	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	17	*		0	0	0	0	0			
14:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16	*		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	1	0	0	1	1	14	*		0	0	0	0	0			
n/a																																					
n/a																																					
n/a																																					
n/a																																					

Total	0	10	6	4	20	0	0	12	1	13	0	0	0	0	0	0	0	0	0	0	0	14	0	0	14	47			0	0	0	0	0		
Avg Hr	0	3	2	1	7	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	16			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	3	2	2	7	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	14	*		0	0	0	0	0		
15x4	0	4	4	4	12	0	0	4	4	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	28	+		0	0	0	0	0		
PHF	n/a	0.75	0.50	0.50	0.58	n/a	n/a	0.75	0.25	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.38	n/a	n/a	0.38	0.50			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

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

PM Peak Period Utility Trucks

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume						
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total							
Total	0	24	21	15	60	0	0	34	3	37	0	0	0	0	0	0	0	0	0	3	3	0	35	0	0	35	135					
Avg Hr	0	3	3	2	8	0	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	17					

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

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total	0	14	15	11	40	0	0	22	2	24	0	0	0	0	0	0	0	0	0	3	3	0	21	0	0	21	88				
Avg Hr	0	3	3	2	8	0	0	4	0	5	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	18				

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

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	10	6	4	20	0	0	12	1	13	0	0	0	0	0	0	0	0	0	0	0	14	0	0	14	47	0	0	0	0	0
Avg Hr	0	3	2	1	7	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	16	0	0	0	0	0

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

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total																															
Avg Hr																															

N	S	W	E	NE

Major Route: 3rd Avenue
 Minor Route: Dunbar Street
 Municipality: Port Alberni
 Filename: 2-3rd Ave @ Dunbar St-Sep 28, 2017.xlsx
 Location #: 2

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

East/West Route: 3rd Avenue
 Intersection Type: 5-leg
 Signalized?: Yes
 Weather: Clear and dry

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

This data is for All Vehicles Combined

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

Notes: 24-hour clock used for reporting (15-minute increments)
 North Approach - southbound vehicles approaching intersection from the north
 15x4 - 15 min volume (from maximum 15 minute period of movement/approach in peak hour period [*]) x 4
 Pedestrians - N indicates pedestrians crossing north approach (east/west)

Comments:

Survey Data

All Vehicles Combined

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

Time Period Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak	Crosswalks					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach													
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	SW	
7:00	1	18	29	6	54	0	0	25	0	25	0	0	0	0	0	0	0	0	0	4	4	0	10	0	0	10	93			0	0	0	2	0
7:15	2	22	26	6	56	0	0	29	0	29	0	0	0	0	0	0	0	0	0	4	4	0	7	0	0	7	96			2	0	2	3	0
7:30	2	19	46	5	72	0	0	52	1	53	1	0	0	0	1	0	0	0	1	1	0	21	0	0	21	148			0	0	0	1	0	
7:45	4	47	49	5	105	0	0	51	0	51	0	0	0	0	0	0	0	0	3	3	0	16	0	0	16	175	512			0	0	3	0	0
8:00	5	49	31	7	92	0	0	40	0	40	0	0	0	0	0	0	0	1	2	3	0	28	0	0	28	163	582			2	0	5	4	1
8:15	2	46	39	2	89	0	1	58	0	59	0	0	0	0	0	0	0	0	3	3	0	21	0	0	21	172	658			1	0	1	4	0
8:30	4	69	30	4	107	0	0	57	0	57	1	0	0	0	1	0	0	0	6	6	0	28	0	0	28	199	709			0	0	2	3	0
8:45	7	102	45	0	154	0	0	58	1	59	0	0	0	0	0	0	0	1	8	9	0	20	0	0	20	242	776			2	0	3	5	1
9:00	4	59	47	5	115	0	0	63	1	64	0	0	0	0	0	0	0	0	4	4	0	28	0	0	28	211	824			1	1	1	1	0
9:15	4	55	22	3	84	0	0	48	1	49	0	0	0	0	0	0	0	0	5	5	0	40	0	0	40	178	830			0	0	0	10	0
9:30	4	59	36	3	102	0	0	66	0	66	0	0	0	0	0	0	0	1	3	4	0	23	0	1	24	196	827			0	1	1	5	0
9:45	5	83	41	3	132	0	0	63	0	63	0	0	0	0	0	0	0	0	4	4	0	36	0	1	37	236	821			3	0	8	1	3
10:00	2	70	37	3	112	0	0	83	1	84	0	0	0	0	0	1	0	0	3	4	0	32	0	1	33	233	843			0	0	2	5	0
10:15	5	78	29	2	114	0	0	95	0	95	0	0	0	0	0	0	0	0	5	5	0	38	0	0	38	252	917			3	0	3	5	0
10:30	3	64	52	0	119	0	0	71	6	77	0	0	0	0	0	0	0	0	8	8	0	42	1	0	43	247	968			0	1	3	5	0
10:45	1	87	50	2	140	0	0	78	0	78	0	0	0	0	0	0	0	0	7	7	0	35	0	0	35	260	992			1	0	2	2	1
11:00	4	65	40	4	113	0	0	90	1	91	0	0	0	0	0	0	0	0	7	7	0	39	0	0	39	250	1009*			1	0	1	4	1
11:15	5	70	39	2	116	0	0	91	2	93	0	0	0	0	0	0	0	0	11	11	0	49	0	0	49	269	1026*			2	0	2	4	1
11:30	3	66	51	4	124	0	0	93	2	95	0	0	0	0	0	0	0	0	8	8	0	49	0	1	50	277	1056*			1	0	3	9	1
11:45	3	82	50	3	138	0	0	84	0	84	0	0	0	0	0	0	0	0	8	8	0	51	0	2	53	283	1079+			2	0	2	1	1
Total	70	1210	789	69	2138	0	1	1295	16	1312	2	0	0	0	2	1	0	3	104	108	0	613	1	6	620	4180			21	3	44	74	10	

12:00	10	79	57	3	149	0	0	112	3	115	0	0	0	0	0	0	0	0	4	4	0	58	0	0	58	326			2	0	2	11	0
12:15	5	89	48	4	146	0	0	91	2	93	0	0	0	2	2	0	0	0	4	4	0	46	0	2	48	293			1	0	0	8	0
12:30	5	80	44	2	131	0	0	85	3	88	0	0	0	0	0	0	0	0	4	4	0	46	1	0	47	270			2	1	6	4	3
12:45	3	94	46	3	146	0	0	106	1	107	0	0	0	0	0	0	0	0	3	3	0	58	0	0	58	314	1203		0	0	2	4	0
13:00	8	91	55	3	157	0	0	74	1	75	0	0	0	0	0	0	0	0	1	1	0	41	1	0	42	275	1152		0	0	4	4	1
13:15	1	78	50	3	132	0	0	86	1	87	0	0	0	0	0	0	0	0	14	14	0	36	1	1	38	271	1130		1	0	3	7	0
13:30	2	92	51	1	146	0	0	103	2	105	1	0	0	0	1	0	0	0	10	10	0	57	0	1	58	320	1180		0	0	5	7	1
13:45	3	71	52	4	130	0	0	98	1	99	1	0	0	0	1	0	0	1	4	5	0	47	0	1	48	283	1149		1	0	3	5	0
14:00	3	95	53	3	154	0	0	115	1	116	0	0	0	0	0	0	0	0	10	10	0	70	1	0	71	351	1225 ⁺		1	0	3	2	3
14:15	4	73	48	3	128	0	0	104	3	107	0	0	0	0	0	0	0	0	5	5	0	39	0	1	40	280	1234 [*]		1	0	0	6	1
14:30	2	94	60	1	157	0	0	82	1	83	0	0	0	0	0	0	0	0	3	3	0	54	0	0	54	297	1211 [*]		2	0	7	8	7
14:45	5	108	47	1	161	0	0	100	4	104	0	0	0	0	0	0	0	0	7	7	0	45	1	0	46	318	1246 [*]		0	0	2	4	0
n/a																																	
n/a																																	
n/a																																	
n/a																																	
Total	51	1044	611	31	1737	0	0	1156	23	1179	2	0	0	2	4	0	0	1	69	70	0	597	5	6	608	3598			11	1	37	70	16

[illegible]

AM Peak Period
All Vehicles Combined

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

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak Flow	Crosswalks					Conflict	
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach														
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	SW	15 min	Hr
7:00	1	18	29	6	54	0	0	25	0	25	0	0	0	0	0	0	0	0	4	4	0	10	0	0	10	93			0	0	0	2	0		
7:15	2	22	26	6	56	0	0	29	0	29	0	0	0	0	0	0	0	0	4	4	0	7	0	0	7	96			2	0	2	3	0		
7:30	2	19	46	5	72	0	0	52	1	53	1	0	0	0	1	0	0	0	1	1	0	21	0	0	21	148			0	0	0	1	0		
7:45	4	47	49	5	105	0	0	51	0	51	0	0	0	0	0	0	0	0	3	3	0	16	0	0	16	175	512		0	0	3	0	0		
8:00	5	49	31	7	92	0	0	40	0	40	0	0	0	0	0	0	0	1	2	3	0	28	0	0	28	163	582		2	0	5	4	1		
8:15	2	46	39	2	89	0	1	58	0	59	0	0	0	0	0	0	0	0	3	3	0	21	0	0	21	172	658		1	0	1	4	0		
8:30	4	69	30	4	107	0	0	57	0	57	1	0	0	0	1	0	0	0	6	6	0	28	0	0	28	199	709		0	0	2	3	0		
8:45	7	102	45	0	154	0	0	58	1	59	0	0	0	0	0	0	0	1	8	9	0	20	0	0	20	242	776		2	0	3	5	1		
9:00	4	59	47	5	115	0	0	63	1	64	0	0	0	0	0	0	0	0	4	4	0	28	0	0	28	211	824		1	1	1	1	0		
9:15	4	55	22	3	84	0	0	48	1	49	0	0	0	0	0	0	0	0	5	5	0	40	0	0	40	178	830		0	0	0	10	0		
9:30	4	59	36	3	102	0	0	66	0	66	0	0	0	0	0	0	0	1	3	4	0	23	0	1	24	196	827		0	1	1	5	0		
9:45	5	83	41	3	132	0	0	63	0	63	0	0	0	0	0	0	0	0	4	4	0	36	0	1	37	236	821		3	0	8	1	3		
10:00	2	70	37	3	112	0	0	83	1	84	0	0	0	0	0	1	0	0	3	4	0	32	0	1	33	233	843		0	0	2	5	0		
10:15	5	78	29	2	114	0	0	95	0	95	0	0	0	0	0	0	0	0	5	5	0	38	0	0	38	252	917		3	0	3	5	0		
10:30	3	64	52	0	119	0	0	71	6	77	0	0	0	0	0	0	0	0	8	8	0	42	1	0	43	247	968		0	1	3	5	0		
10:45	1	87	50	2	140	0	0	78	0	78	0	0	0	0	0	0	0	0	7	7	0	35	0	0	35	260	992		1	0	2	2	1		
11:00	4	65	40	4	113	0	0	90	1	91	0	0	0	0	0	0	0	0	7	7	0	39	0	0	39	250	1009	*	1	0	1	4	1		
11:15	5	70	39	2	116	0	0	91	2	93	0	0	0	0	0	0	0	0	11	11	0	49	0	0	49	269	1026	*	2	0	2	4	1		
11:30	3	66	51	4	124	0	0	93	2	95	0	0	0	0	0	0	0	0	8	8	0	49	0	1	50	277	1056	*	1	0	3	9	1		
11:45	3	82	50	3	138	0	0	84	0	84	0	0	0	0	0	0	0	0	8	8	0	51	0	2	53	283	1079	+	2	0	2	1	1		

Total	70	1210	789	69	2138	0	1	1295	16	1312	2	0	0	0	2	1	0	3	104	108	0	613	1	6	620	4180			21	3	44	74	10	
Avg Hr	14	242	158	14	428	0	0	259	3	262	0	0	0	0	0	0	0	1	21	22	0	123	0	1	124	836			4	1	9	15	2	

Peak hour of the intersection

Pk Hr	15	283	180	13	491	0	0	358	5	363	0	0	0	0	0	0	0	0	34	34	0	188	0	3	191	1079*			6	0	8	18	4	
15x4	20	328	204	16	552	0	0	372	8	380	0	0	0	0	0	0	0	0	44	44	0	204	0	8	212	1132*			8	0	12	36	4	
PHF	0.75	0.86	0.88	0.81	0.89	n/a	n/a	0.96	0.63	0.96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.77	0.77	n/a	0.92	n/a	0.38	0.90	0.95			0.75	n/a	0.67	0.50	1.00	

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak	Crosswalks					Conflict		
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach															
Begins	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	15-min	Hour		N	S	W	E	SW	15 min	Hr	
12:00	10	79	57	3	149	0	0	112	3	115	0	0	0	0	0	0	0	0	4	4	0	58	0	0	58	326			2	0	2	11	0			
12:15	5	89	48	4	146	0	0	91	2	93	0	0	0	2	2	0	0	0	4	4	0	46	0	2	48	293			1	0	0	8	0			
12:30	5	80	44	2	131	0	0	85	3	88	0	0	0	0	0	0	0	0	4	4	0	46	1	0	47	270			2	1	6	4	3			
12:45	3	94	46	3	146	0	0	106	1	107	0	0	0	0	0	0	0	0	3	3	0	58	0	0	58	314	1203			0	0	2	4	0		
13:00	8	91	55	3	157	0	0	74	1	75	0	0	0	0	0	0	0	0	1	1	0	41	1	0	42	275	1152			0	0	4	4	1		
13:15	1	78	50	3	132	0	0	86	1	87	0	0	0	0	0	0	0	0	14	14	0	36	1	1	38	271	1130			1	0	3	7	0		
13:30	2	92	51	1	146	0	0	103	2	105	1	0	0	0	1	0	0	0	10	10	0	57	0	1	58	320	1180			0	0	5	7	1		
13:45	3	71	52	4	130	0	0	98	1	99	1	0	0	0	1	0	0	1	4	5	0	47	0	1	48	283	1149			1	0	3	5	0		
14:00	3	95	53	3	154	0	0	115	1	116	0	0	0	0	0	0	0	0	10	10	0	70	1	0	71	351	1225	+		1	0	3	2	3		
14:15	4	73	48	3	128	0	0	104	3	107	0	0	0	0	0	0	0	0	5	5	0	39	0	1	40	280	1234	*		1	0	0	6	1		
14:30	2	94	60	1	157	0	0	82	1	83	0	0	0	0	0	0	0	0	3	3	0	54	0	0	54	297	1211	*		2	0	7	8	7		
14:45	5	108	47	1	161	0	0	100	4	104	0	0	0	0	0	0	0	0	7	7	0	45	1	0	46	318	1246	*		0	0	2	4	0		
n/a																																				
n/a																																				
n/a																																				
n/a																																				

Total	51	1044	611	31	1737	0	0	1156	23	1179	2	0	0	2	4	0	0	1	69	70	0	597	5	6	608	3598				11	1	37	70	16		
Avg Hr	17	348	204	10	579	0	0	385	8	393	1	0	0	1	1	0	0	0	23	23	0	199	2	2	203	1199				4	0	12	23	5		

Peak hour of the intersection

Pk Hr	14	370	208	8	600	0	0	401	9	410	0	0	0	0	0	0	0	25	25	0	208	2	1	211	1246	*			4	0	12	20	11		
15x4	20	432	240	12	644	0	0	460	16	464	0	0	0	0	0	0	0	40	40	0	280	4	4	284	1404	+			8	0	28	32	28		
PHF	0.70	0.86	0.87	0.67	0.93	n/a	n/a	0.87	0.56	0.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.63	0.63	n/a	0.74	0.50	0.25	0.74	0.89			0.50	n/a	0.43	0.63	0.39			

Peak hour of conflicting volumes for the intersection

Pk Hr																																					
15x4																																					
PHF																																					

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

PM Peak Period
All Vehicles Combined

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

[illegible][illegible]

Peak hour of the intersection

[illegible]

Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume	Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total	121	2254	1400	100	3875	0	1	2451	39	2491	4	0	0	2	6	1	0	4	173	178	0	1210	6	12	1228	7778	N	S	W	E	SW
Avg Hr	15	282	175	13	484	0	0	306	5	311	1	0	0	0	1	0	0	1	22	22	0	151	1	2	154	972	32	4	81	144	26
																										4	1	10	18	3	

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total	Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total	70	1210	789	69	2138	0	1	1295	16	1312	2	0	0	0	2	1	0	3	104	108	0	613	1	6	620	4180	N	S	W	E	SW
Avg Hr	14	242	158	14	428	0	0	259	3	262	0	0	0	0	0	0	0	1	21	22	0	123	0	1	124	836	21	3	44	74	10
																										4	1	9	15	2	

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume	Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach										
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total						
Total	51	1044	611	31	1737	0	0	1156	23	1179	2	0	0	2	4	0	0	1	69	70	0	597	5	6	608	3598	N	S	W	E	SW
Avg Hr	17	348	204	10	579	0	0	385	8	393	1	0	0	1	1	0	0	0	23	23	0	199	2	2	203	1199	11	1	37	70	16
																										4	0	12	23	5	

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total		Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach											
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total	N	S	W	E	SW		
Total																																
Avg Hr																																