

**Major Route:** 3rd Avenue  
**Minor Route:** Dunbar Street  
**Municipality:** Port Alberni  
**Filename:** 2-3rd Ave @ Dunbar St-Sep 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

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

**Comments:**

## Survey Data

### Regular Vehicles

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Cyclists	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	SW	
Begins																																		
7:00	1	14	13	1	29	0	0	24	2	26	0	0	0	0	0	0	0	0	4	4	0	8	0	0	0	8	67			0	0	0	3	0
7:15	1	20	22	2	45	0	0	29	0	29	0	0	0	0	0	0	0	0	2	2	0	8	0	0	0	8	84			0	0	0	1	0
7:30	2	23	42	2	69	0	0	39	1	40	1	0	0	0	1	0	0	0	5	5	0	8	2	0	10	125			2	1	0	3	1	
7:45	1	45	53	2	101	0	0	43	1	44	0	0	0	0	0	0	0	0	3	3	0	14	0	0	14	162	438			1	0	3	2	1
8:00	3	31	34	1	69	0	0	56	1	57	0	0	0	0	0	0	0	0	4	4	0	15	0	0	15	145	516			1	0	0	7	0
8:15	3	45	49	2	99	0	0	57	1	58	0	0	0	0	0	0	0	0	7	7	0	29	0	0	29	193	625			1	0	2	9	1
8:30	4	70	43	1	118	0	0	51	0	51	0	0	0	1	1	0	0	0	2	2	0	24	0	0	24	196	696			1	1	0	5	0
8:45	11	86	51	2	150	0	0	62	3	65	0	0	0	0	0	0	0	0	6	6	0	26	0	0	26	247	781			3	0	1	6	0
9:00	4	54	39	2	99	0	0	56	1	57	0	0	0	0	0	0	0	0	8	8	0	24	0	0	24	188	824			0	0	0	0	0
9:15	4	65	43	2	114	0	0	67	0	67	0	0	0	0	0	1	0	0	5	6	0	24	0	0	24	211	842			0	0	1	1	1
9:30	3	73	26	1	103	0	0	67	2	69	0	0	0	0	0	1	0	0	2	3	0	34	0	0	34	209	855			0	1	2	6	1
9:45	4	77	46	2	129	0	0	73	2	75	0	0	0	0	0	0	0	0	8	8	0	35	0	0	35	247	855			0	0	2	4	1
10:00	3	73	42	1	119	0	0	77	3	80	0	0	0	0	0	0	0	0	7	7	0	37	0	0	37	243	910			0	0	2	7	1
10:15	4	75	33	1	113	0	0	71	1	72	0	0	0	0	0	1	0	0	6	7	0	35	0	1	36	228	927			0	0	0	4	0
10:30	6	60	44	3	113	0	1	64	0	65	0	0	0	0	0	0	0	0	3	3	0	36	0	1	37	218	936			0	0	0	5	0
10:45	9	79	47	2	137	0	1	71	0	72	0	0	0	0	0	1	0	0	4	5	0	29	0	0	29	243	932			0	1	7	14	3
11:00	6	68	48	1	123	0	0	104	1	105	0	0	0	0	0	0	0	0	4	4	0	51	0	1	52	284	973	*		0	1	5	9	4
11:15	3	62	46	1	112	0	0	75	2	77	0	0	0	0	0	0	0	0	6	6	0	46	0	0	46	241	986	*		0	0	0	3	0
11:30	3	80	46	1	130	0	0	79	2	81	0	0	0	0	0	0	0	0	3	3	0	52	0	2	54	268	1036	*		0	1	0	3	0
11:45	3	85	63	3	154	0	0	101	1	102	0	0	0	0	0	0	0	0	3	3	0	38	0	0	38	297	1090	+		0	0	2	10	3
Total	78	1185	830	33	2126	0	2	1266	24	1292	1	0	0	1	2	4	0	0	92	96	0	573	2	5	580	4096			9	6	27	102	17	

12:00	4	75	54	1	134	0	0	72	3	75	1	0	0	0	1	0	0	0	4	4	0	64	0	1	65	279			2	1	2	7	2
12:15	5	65	45	0	115	0	0	85	0	85	0	0	0	0	0	0	0	0	4	4	0	37	0	0	37	241			3	0	4	14	0
12:30	6	70	42	0	118	0	0	74	2	76	0	0	0	0	0	2	1	0	3	6	0	48	0	0	48	248			1	2	2	11	1
12:45	4	98	55	3	160	0	0	101	1	102	0	0	0	0	0	0	0	0	14	14	0	43	1	1	45	321	1089	+	0	0	2	4	0
13:00	2	95	56	3	156	0	0	88	2	90	0	0	0	0	0	0	0	0	5	5	0	57	0	1	58	309	1119	*	0	0	2	2	0
13:15	3	79	43	1	126	0	0	85	2	87	1	0	0	0	1	0	0	0	4	4	0	53	1	0	54	272	1150	*	0	0	3	4	0
13:30	7	85	33	2	127	0	0	87	1	88	1	0	0	1	2	0	0	0	9	9	0	47	0	0	47	273	1175	*	0	2	1	11	2
13:45	7	81	65	5	158	0	0	100	1	101	0	0	0	0	0	0	0	0	5	5	0	33	0	0	33	297	1151		0	1	1	4	0
14:00	1	65	45	3	114	0	0	83	2	85	0	0	0	0	0	0	0	0	9	9	0	40	0	0	40	248	1090		0	0	0	4	0
14:15	9	65	48	2	124	0	0	98	1	99	0	0	0	0	0	0	0	0	7	7	0	42	0	0	42	272	1090		0	3	2	10	0
14:30	9	82	43	2	136	0	0	83	4	87	0	0	0	1	1	0	0	0	2	2	0	54	0	1	55	281	1098		0	0	1	4	0
14:45	10	77	47	0	134	0	0	89	1	90	0	0	0	0	0	0	0	0	10	10	0	51	0	3	54	288	1089		5	0	3	8	0
n/a																										0							
n/a																										0							
n/a																										0							
n/a																										0							
Total	67	937	576	22	1602	0	0	1045	20	1065	3	0	0	2	5	2	1	0	76	79	0	569	2	7	578	3329			11	9	23	83	5

[illegible]

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	
7:00	1	14	13	1	29	0	0	24	2	26	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	67			0	0	0	3	0			
7:15	1	20	22	2	45	0	0	29	0	29	0	0	0	0	0	0	0	0	2	2	0	8	0	0	8	84			0	0	0	1	0			
7:30	2	23	42	2	69	0	0	39	1	40	1	0	0	0	1	0	0	0	5	5	0	8	2	0	10	125			2	1	0	3	1			
7:45	1	45	53	2	101	0	0	43	1	44	0	0	0	0	0	0	0	0	3	3	0	14	0	0	14	162	438		1	0	3	2	1			
8:00	3	31	34	1	69	0	0	56	1	57	0	0	0	0	0	0	0	0	4	4	0	15	0	0	15	145	516		1	0	0	7	0			
8:15	3	45	49	2	99	0	0	57	1	58	0	0	0	0	0	0	0	0	7	7	0	29	0	0	29	193	625		1	0	2	9	1			
8:30	4	70	43	1	118	0	0	51	0	51	0	0	0	1	1	0	0	0	2	2	0	24	0	0	24	196	696		1	1	0	5	0			
8:45	11	86	51	2	150	0	0	62	3	65	0	0	0	0	0	0	0	0	6	6	0	26	0	0	26	247	781		3	0	1	6	0			
9:00	4	54	39	2	99	0	0	56	1	57	0	0	0	0	0	0	0	0	8	8	0	24	0	0	24	188	824		0	0	0	0	0			
9:15	4	65	43	2	114	0	0	67	0	67	0	0	0	0	0	1	0	0	5	6	0	24	0	0	24	211	842		0	0	1	1	1			
9:30	3	73	26	1	103	0	0	67	2	69	0	0	0	0	0	0	1	0	0	2	3	0	34	0	0	34	209	855		0	1	2	6	1		
9:45	4	77	46	2	129	0	0	73	2	75	0	0	0	0	0	0	0	0	8	8	0	35	0	0	35	247	855		0	0	2	4	1			
10:00	3	73	42	1	119	0	0	77	3	80	0	0	0	0	0	0	0	0	7	7	0	37	0	0	37	243	910		0	0	2	7	1			
10:15	4	75	33	1	113	0	0	71	1	72	0	0	0	0	0	1	0	0	6	7	0	35	0	1	36	228	927		0	0	0	4	0			
10:30	6	60	44	3	113	0	1	64	0	65	0	0	0	0	0	0	0	0	3	3	0	36	0	1	37	218	936		0	0	0	5	0			
10:45	9	79	47	2	137	0	1	71	0	72	0	0	0	0	0	1	0	0	4	5	0	29	0	0	29	243	932		0	1	7	14	3			
11:00	6	68	48	1	123	0	0	104	1	105	0	0	0	0	0	0	0	0	4	4	0	51	0	1	52	284	973	*	0	1	5	9	4			
11:15	3	62	46	1	112	0	0	75	2	77	0	0	0	0	0	0	0	0	6	6	0	46	0	0	46	241	986	*	0	0	0	3	0			
11:30	3	80	46	1	130	0	0	79	2	81	0	0	0	0	0	0	0	0	3	3	0	52	0	2	54	268	1036	*	0	1	0	3	0			
11:45	3	85	63	3	154	0	0	101	1	102	0	0	0	0	0	0	0	0	3	3	0	38	0	0	38	297	1090	+	0	0	2	10	3			

Total	78	1185	830	33	2126	0	2	1266	24	1292	1	0	0	1	2	4	0	0	92	96	0	573	2	5	580	4096			9	6	27	102	17		
Avg Hr	16	237	166	7	425	0	0	253	5	258	0	0	0	0	0	1	0	0	18	19	0	115	0	1	116	819			2	1	5	20	3		

Peak hour of the intersection

Pk Hr	15	295	203	6	519	0	0	359	6	365	0	0	0	0	0	0	0	0	16	16	0	187	0	3	190	1090	*		0	2	7	25	7		
15x4	24	340	252	12	616	0	0	416	8	420	0	0	0	0	0	0	0	0	24	24	0	208	0	8	216	1188	+		0	4	20	40	16		
PHF	0.63	0.87	0.81	0.50	0.84	n/a	n/a	0.86	0.75	0.87	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.67	0.67	n/a	0.90	n/a	0.38	0.88	0.92			n/a	0.50	0.35	0.63	0.44		

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	4	75	54	1	134	0	0	72	3	75	1	0	0	0	1	0	0	0	4	4	0	64	0	1	65	279			2	1	2	7	2		
12:15	5	65	45	0	115	0	0	85	0	85	0	0	0	0	0	0	0	0	4	4	0	37	0	0	37	241			3	0	4	14	0		
12:30	6	70	42	0	118	0	0	74	2	76	0	0	0	0	0	2	1	0	3	6	0	48	0	0	48	248			1	2	2	11	1		
12:45	4	98	55	3	160	0	0	101	1	102	0	0	0	0	0	0	0	0	14	14	0	43	1	1	45	321	1089	+	0	0	2	4	0		
13:00	2	95	56	3	156	0	0	88	2	90	0	0	0	0	0	0	0	0	5	5	0	57	0	1	58	309	1119	*	0	0	2	2	0		
13:15	3	79	43	1	126	0	0	85	2	87	1	0	0	0	1	0	0	0	4	4	0	53	1	0	54	272	1150	*	0	0	3	4	0		
13:30	7	85	33	2	127	0	0	87	1	88	1	0	0	1	2	0	0	0	9	9	0	47	0	0	47	273	1175	*	0	2	1	11	2		
13:45	7	81	65	5	158	0	0	100	1	101	0	0	0	0	0	0	0	0	5	5	0	33	0	0	33	297	1151		0	1	1	4	0		
14:00	1	65	45	3	114	0	0	83	2	85	0	0	0	0	0	0	0	0	9	9	0	40	0	0	40	248	1090		0	0	0	4	0		
14:15	9	65	48	2	124	0	0	98	1	99	0	0	0	0	0	0	0	0	7	7	0	42	0	0	42	272	1090		0	3	2	10	0		
14:30	9	82	43	2	136	0	0	83	4	87	0	0	0	1	1	0	0	0	2	2	0	54	0	1	55	281	1098		0	0	1	4	0		
14:45	10	77	47	0	134	0	0	89	1	90	0	0	0	0	0	0	0	0	10	10	0	51	0	3	54	288	1089		5	0	3	8	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

Total	67	937	576	22	1602	0	0	1045	20	1065	3	0	0	2	5	2	1	0	76	79	0	569	2	7	578	3329			11	9	23	83	5	
Avg Hr	22	312	192	7	534	0	0	348	7	355	1	0	0	1	2	1	0	0	25	26	0	190	1	2	193	1110			4	3	8	28	2	

Peak hour of the intersection

Pk Hr	16	357	187	9	569	0	0	361	6	367	2	0	0	1	3	0	0	0	32	32	0	200	2	2	204	1175	*		0	2	8	21	2	
15x4	28	392	224	12	640	0	0	404	8	408	4	0	0	4	8	0	0	0	56	56	0	228	4	4	232	1284	+		0	8	12	44	8	
PHF	0.57	0.91	0.83	0.75	0.89	n/a	n/a	0.89	0.75	0.90	0.50	n/a	n/a	0.25	0.38	n/a	n/a	n/a	0.57	0.57	n/a	0.88	0.50	0.50	0.88	0.92			n/a	0.25	0.67	0.48	0.25	

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

**PM Peak Period**  
**Regular Vehicles**

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Speed	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
n/a																																			
n/a																																			
n/a																																			
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
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n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								

[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	145	2122	1406	55	3728	0	2	2311	44	2357	4	0	0	3	7	6	1	0	168	175	0	1142	4	12	1158	7425	20	15	50	185	22
Avg Hr	18	265	176	7	466	0	0	289	6	295	1	0	0	0	1	1	0	0	21	22	0	143	1	2	145	928	3	2	6	23	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	78	1185	830	33	2126	0	2	1266	24	1292	1	0	0	1	2	4	0	0	92	96	0	573	2	5	580	4096	9	6	27	102	17
Avg Hr	16	237	166	7	425	0	0	253	5	258	0	0	0	0	0	1	0	0	18	19	0	115	0	1	116	819	2	1	5	20	3

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	67	937	576	22	1602	0	0	1045	20	1065	3	0	0	2	5	2	1	0	76	79	0	569	2	7	578	3329	11	9	23	83	5
Avg Hr	22	312	192	7	534	0	0	348	7	355	1	0	0	1	2	1	0	0	25	26	0	190	1	2	193	1110	4	3	8	28	2

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  
**Filename:** 2-3rd Ave @ Dunbar St-Sep 27, 2017.xlsx  
**Location #:** 2

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

**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 Buses

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

**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**  
**Wednesday, September 27, 2017**

Time Period	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
Begins																																	
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	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8		0	0	0	0	0
8:30	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	8		0	0	0	0	0
8:45	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	8		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	8		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	4		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	4		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	3		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	3		0	0	0	0	0
10:15	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	5		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	5		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	4		0	0	0	0	0
11:00	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
11:15	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	3*		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	3*		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	0	10	2	0	12	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23			0	0	0	0	0

12:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			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	1			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	0	0	1			0	0	0	0	0	0	
12:45	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5+		0	0	0	0	0	0	
13:00	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6*		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	5*		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	1	5*		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	0	0	0	1	4		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	2		0	0	0	0	0	0	
14:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	0	0	
14:30	0	1	1	0	2	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	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	1	4		0	0	0	0	0	0	
n/a																									0								
n/a																									0								
n/a																									0								
n/a																									0								
Total	1	6	1	0	8	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	13			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	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8			0	0	0	0	0		
8:30	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	8			0	0	0	0	0		
8:45	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	8			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	8			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	4			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	4			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	3			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	3			0	0	0	0	0		
10:15	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	5			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	5			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	4			0	0	0	0	0		
11:00	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		
11:15	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	3*			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	3*			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	0	10	2	0	12	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23			0	0	0	0	0		
Avg Hr	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	5			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	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*			0	0	0	0	0		
15x4	0	4	0	0	4	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	0.50	n/a	n/a	0.50	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	n/a	n/a	n/a	n/a	n/a	1.00			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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0		
12:15	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	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		
12:45	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	+	0	0	0	0	0		
13:00	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	6	*	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	5	*	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	5	*	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	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	0	0	0	0	0	2		0	0	0	0	0		
14:15	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	3		0	0	0	0	0		
14:30	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		
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	4		0	0	0	0	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

Total	1	6	1	0	8	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13			0	0	0	0	0		
Avg Hr	0	2	0	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	1	1	0	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5*			0	0	0	0	0		
15x4	4	4	0	0	4	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	0.25	0.25	n/a	n/a	0.50	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	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																																			

### PM Peak Period Buses

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

Time Period  Begins	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak							Conflict	
	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	15 min	Hr	
n/a																																				
n/a																																				
n/a																																				
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									

[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	3	0	20	0	0	16	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0					
Avg Hr	0	2	0	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	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	2	0	12	0	0	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0					
Avg Hr	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	5	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	1	6	1	0	8	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0					
Avg Hr	0	2	0	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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					
	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	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4			0	0	0	0	0
7:15	0	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6			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	
7:45	0	1	0	2	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	11	21		0	0	0	0	0
8:00	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	19		0	0	0	0	0
8:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	17		0	0	0	0	0
8:30	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	19		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	2	0	0	2	2	10		0	0	0	0	0
9:00	0	1	0	1	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	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	11		0	0	0	0	0
9:30	0	0	1	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
9:45	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	14		0	0	0	0	0
10:00	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	11		0	0	0	0	0
10:15	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	10		0	0	0	0	0
10:30	0	3	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11		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	10		0	0	0	0	0
11:00	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	14*		0	0	0	0	0
11:15	0	0	0	3	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16*		0	0	0	0	0
11:30	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
11:45	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	15+		0	0	0	0	0
Total	0	6	4	24	34	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	28	0	0	28	70			0	0	0	0	0

12:00	1	1	1	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
12:15	0	2	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9			0	0	0	0	0
12:30	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			0	0	0	0	0
12:45	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	23+		0	0	0	0	0
13:00	0	0	0	4	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	26*		0	0	0	0	0
13:15	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	6	23*		0	0	0	0	0
13:30	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	22*		0	0	0	0	0
13:45	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	19		0	0	0	0	0
14:00	1	2	0	3	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
14:15	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18		0	0	0	0	0
14:30	0	1	0	2	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	21		0	0	0	0	0
14:45	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	23		0	0	0	0	0
n/a																																	
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n/a																																	
Total	2	8	3	24	37	0	0	10	0	10	0	0	0	0	0	0	0	0	1	1	0	17	0	0	17	65			0	0	0	0	0

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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	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4			0	0	0	0	0		
7:15	0	0	1	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6			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	2	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	11	21		0	0	0	0	0		
8:00	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	19		0	0	0	0	0			
8:15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	17		0	0	0	0	0			
8:30	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	19		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	2	0	0	2	2	10		0	0	0	0	0			
9:00	0	1	0	1	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	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	11		0	0	0	0	0			
9:30	0	0	1	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			
9:45	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	14		0	0	0	0	0			
10:00	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	11		0	0	0	0	0			
10:15	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	10		0	0	0	0	0			
10:30	0	3	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	11		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	10		0	0	0	0	0			
11:00	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	14*		0	0	0	0	0			
11:15	0	0	0	3	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16*		0	0	0	0	0			
11:30	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			
11:45	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	15+		0	0	0	0	0			

Total	0	6	4	24	34	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	28	0	0	28	70			0	0	0	0	0		
Avg Hr	0	1	1	5	7	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	14			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	6	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	15*			0	0	0	0	0		
15x4	0	0	0	12	12	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	20+			0	0	0	0	0		
PHF	n/a	n/a	n/a	0.50	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	0.63	n/a	n/a	0.63	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	1	1	1	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			
12:15	0	2	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	9			0	0	0	0	0		
12:30	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			0	0	0	0	0			
12:45	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	23	+	0	0	0	0	0			
13:00	0	0	0	4	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	26	*	0	0	0	0	0			
13:15	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	6	23	*	0	0	0	0	0		
13:30	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	22	*	0	0	0	0	0			
13:45	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	19		0	0	0	0	0			
14:00	1	2	0	3	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			
14:15	0	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	18		0	0	0	0	0			
14:30	0	1	0	2	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	21		0	0	0	0	0			
14:45	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	23		0	0	0	0	0			
n/a																											0									
n/a																											0									
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Total	2	8	3	24	37	0	0	10	0	10	0	0	0	0	0	0	0	0	0	1	1	0	17	0	0	17	65			0	0	0	0	0	
Avg Hr	1	3	1	8	12	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	22			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	9	9	0	0	5	0	5	0	0	0	0	0	0	0	0	1	1	0	7	0	0	7	22*			0	0	0	0	0	
15x4	0	0	0	16	16	0	0	8	0	8	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	28+			0	0	0	0	0	
PHF	n/a	n/a	n/a	0.56	0.56	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	0.25	0.25	n/a	0.88	n/a	n/a	0.88	0.79			n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			



### PM Peak Period Articulated Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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

[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	2	14	7	48	71	0	0	18	0	18	0	0	0	0	0	0	0	0	0	1	1	0	45	0	0	45	135									
Avg Hr	0	2	1	6	9	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	17										

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	6	4	24	34	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	28	70	0	0	0	0	0				
Avg Hr	0	1	1	5	7	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	14	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	2	8	3	24	37	0	0	10	0	10	0	0	0	0	0	0	0	0	0	1	1	0	17	0	0	17	65	0	0	0	0	0				
Avg Hr	1	3	1	8	12	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	22	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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	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
Begins																																	
7:00	0	0	0	0	0	0	0	0	1	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	1	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	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
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	3		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	0	0	0	0	1	3		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	4		0	0	0	0	0
8:45	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	5		0	0	0	0	0
9:00	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	7		0	0	0	0	0
9:15	0	0	1	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
9:30	1	0	1	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
9:45	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	6	13		0	0	0	0	0	
10:00	0	0	2	0	2	0	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
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	10		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	2	0	0	2	4	12		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	1	1	7		0	0	0	0	0	
11:00	0	2	1	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9*		0	0	0	0	0	
11:15	0	0	2	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	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	8*		0	0	0	0	0	
11:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4	11+		0	0	0	0	0	
Total	2	10	9	0	21	0	0	8	0	8	0	0	0	0	0	0	0	1	2	3	0	7	0	7	39			0	0	0	0	0	0

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

Total	2	10	9	0	21	0	0	8	0	8	0	0	0	0	0	0	0	1	2	3	0	7	0	0	7	39			0	0	0	0	0		
Avg Hr	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	8			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	2	4	0	6	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	11*			0	0	0	0	0		
15x4	0	8	8	0	12	0	0	4	0	4	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	16+			0	0	0	0	0		
PHF	n/a	0.25	0.50	n/a	0.50	n/a	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	n/a	0.25	n/a	n/a	0.25	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	3	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5			0	0	0	0	0		
12:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2			0	0	0	0	0		
12:30	0	0	2	0	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		
12:45	0	0	1	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	+	0	0	0	0	0		
13:00	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	11	*	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	1	0	0	1	1	10	*	0	0	0	0	0		
13:30	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	11	*	0	0	0	0	0		
13:45	0	0	1	1	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		
14:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	11		0	0	0	0	0		
14:15	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	13		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	12		0	0	0	0	0		
14:45	0	0	2	0	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		
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								

Total	0	10	6	1	17	0	0	12	1	13	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	35			0	0	0	0	0		
Avg Hr	0	3	2	0	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	3	1	0	4	0	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	11*			0	0	0	0	0		
15x4	0	8	4	0	8	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	16+			0	0	0	0	0		
PHF	n/a	0.38	0.25	n/a	0.50	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	0.25	n/a	n/a	0.25	0.69			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

### PM Peak Period Cube Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

[illegible][illegible]

### Peak hour of the intersection

[illegible]

### Peak hour of conflicting volumes for the intersection

[illegible]

Entire Survey Period

8 Hours

	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	2	20	15	1	38	0	0	20	1	21	0	0	0	0	0	0	0	0	1	2	3	0	12	0	0	12	74	0	0	0	0	0				
Avg Hr	0	3	2	0	5	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					

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	2	10	9	0	21	0	0	8	0	8	0	0	0	0	0	0	0	0	1	2	3	0	7	0	0	7	39	0	0	0	0	0				
Avg Hr	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	8	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	1	17	0	0	12	1	13	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	35	0	0	0	0	0				
Avg Hr	0	3	2	0	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					

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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	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		
Begins																																			
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	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			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	0	1			0	0	0	0	0	
8:00	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	0	2	3			0	0	0	0	0
8:15	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	0	2	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	0	1	7			0	0	0	0	0
8:45	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	0	2	7			0	0	0	0	0
9:00	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	0	2	7			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	1	0	0	1	1	6			0	0	0	0	0	
9:30	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	8			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	6			0	0	0	0	0	
10:00	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	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	0	2	8			0	0	0	0	0
10:30	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	9			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	10			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	7	*			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	1	0	0	1	1	6	*			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	1	1	0	0	0	0	2	4	*			0	0	0	0	0
11:45	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	5	+			0	0	0	0	0
Total	0	9	0	5	14	0	0	12	0	12	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	31			0	0	0	0	0	0

12:00	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			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	0	1	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	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	1	0	0	1	2	5	*		0	0	0	0	0	
13:15	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	6	*		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	6	*		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	5			0	0	0	0	0	
14:00	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	4			0	0	0	0	0	
14:15	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	7			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	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9			0	0	0	0	0	
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
Total	0	5	0	2	7	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	3	0	0	3	19			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	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			
7:45	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	3		0	0	0	0	0		
8:00	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		
8:15	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	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	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	7		0	0	0	0	0		
9:00	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	7		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	1	0	0	1	1	6		0	0	0	0	0		
9:30	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	8		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	6		0	0	0	0	0		
10:00	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	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	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	9		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	10		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	7*		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	1	0	0	1	1	6*		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	1	1	0	0	0	0	2	4*		0	0	0	0	0		
11:45	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	5+		0	0	0	0	0		

Total	0	9	0	5	14	0	0	12	0	12	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	31			0	0	0	0	0		
Avg Hr	0	2	0	1	3	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		

Peak hour of the intersection

Pk Hr	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	*			0	0	0	0	0		
15x4	0	0	0	4	4	0	0	4	0	4	0	0	0	0	0	0	0	4	4	0	4	0	0	4	8	+			0	0	0	0	0		
PHF	n/a	n/a	n/a	0.25	0.25	n/a	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	n/a	0.25	n/a	n/a	0.25	0.63			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	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		
12:15	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	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	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	1	0	0	1	2	5	*	0	0	0	0	0		
13:15	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	6	*	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	6	*	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	5		0	0	0	0	0		
14:00	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	4		0	0	0	0	0		
14:15	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	7		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	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9		0	0	0	0	0		
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								

Total	0	5	0	2	7	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	19			0	0	0	0	0	
Avg Hr	0	2	0	1	2	0	0	3	0	3	0	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	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6*			0	0	0	0	0	
15x4	0	4	0	0	4	0	0	4	0	4	0	0	0	0	0	0	0	4	0	0	4				8+			0	0	0	0	0	
PHF	n/a	0.25	n/a	n/a	0.25	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	0.50	n/a	n/a	0.50	0.75			n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																	
15x4																																	
PHF																																	

### PM Peak Period Dump Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak Hour						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	2000	N	S	W	E	NE	15 min	Hr
n/a																																			
n/a																																			
n/a																																			
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								
n/a																											0								

[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	14	0	7	21	0	0	21	0	21	0	0	0	0	0	0	0	0	0	1	1	0	7	0	0	7	50	0	0	0	0	0
Avg Hr	0	2	0	1	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	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	9	0	5	14	0	0	12	0	12	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	31				
Avg Hr	0	2	0	1	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6					

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	5	0	2	7	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	19	0	0	0	0	0
Avg Hr	0	2	0	1	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						
	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	
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	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		1*	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	1	0	0	1	1	2		+	0	0	0	0	0
Total	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

12:00	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
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	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	
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	
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	
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	
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	
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	1	1	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	1		0	0	0	0	0	
n/a																														0					
n/a																														0					
n/a																														0					
n/a																														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	1			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	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		
11:45	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	1	1	2	+	0	0	0	0	0		

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

Peak hour of the intersection

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

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak						Conflict	
Period	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		
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	0	0	0	0	0	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		
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		
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	0	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		
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		
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		
14:30	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	1	0	0	0	0	0		
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

Total	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			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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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																																			

### PM Peak Period Emergency Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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	
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[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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	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	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	1	0	0	1	0	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
Avg Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	1	1	0	0	0	0	0	1	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	

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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total Volume		Peak																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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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	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	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	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	
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	
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	
14:00	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	1		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	1		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	1		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	1		0	0	0	0	0	0	
n/a																											0								
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n/a																											0								
Total	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			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			
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	1		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	1		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	1		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	1		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	1		0	0	0	0	0		
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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	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	1	1	0	0	0	0	0	1	3		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	3		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	3*		0	0	0	0	0		
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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	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5			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	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0		
12:15	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	0	0	0	0	0	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	0	*	0	0	0	0	0		
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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		
14:00	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	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	1		0	0	0	0	0		
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

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																																			



## PM Peak Period Garbage Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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

[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	1	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	7	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	

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	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	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		
Begins																																			
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	1	1	0	0	2	0	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		
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	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10		0	0	0	0	0		
8:00	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	12		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	12		0	0	0	0	0		
8:30	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	13		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	9		0	0	0	0	0		
9:00	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	8		0	0	0	0	0		
9:15	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	7		0	0	0	0	0		
9:30	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	7		0	0	0	0	0		
9:45	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	9		0	0	0	0	0		
10:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	11		0	0	0	0	0		
10:15	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	10		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	1	0	0	0	1	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			
11:00	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		
11:15	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	7 *		0	0	0	0	0		
11:30	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	7 *		0	0	0	0	0		
11:45	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		
Total	2	13	2	4	21	0	0	18	0	18	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	42			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	2	0	0	2	2			0	0	0	0	0
12:15	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	0	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	0	0	0	0	0	0			0	0	0	0	0
12:45	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	8+		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	6*		0	0	0	0	0
13:15	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	6*		0	0	0	0	0
13:30	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	9*		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	0	1	7		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	7		0	0	0	0	0
14:15	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0
14:30	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	0	1	4		0	0	0	0	0
14:45	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	0	2	5		0	0	0	0	0
n/a																											0							
n/a																											0							
n/a																											0							
n/a																											0							
Total	0	9	0	1	10	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	20			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	1	1	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			
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	0	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10			0	0	0	0	0		
8:00	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	3	12			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	12			0	0	0	0	0		
8:30	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	13			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	9			0	0	0	0	0			
9:00	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	8			0	0	0	0	0		
9:15	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	7			0	0	0	0	0		
9:30	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	7			0	0	0	0	0		
9:45	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	9			0	0	0	0	0		
10:00	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	11			0	0	0	0	0		
10:15	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	10			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	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	7			0	0	0	0	0		
11:00	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		
11:15	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	7*			0	0	0	0	0		
11:30	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	7*			0	0	0	0	0		
11:45	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		

Total	2	13	2	4	21	0	0	18	0	18	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	42			0	0	0	0	0		
Avg Hr	0	3	0	1	4	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		

Peak hour of the intersection

Pk Hr	0	1	1	1	3	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7*			0	0	0	0	0		
15x4	0	4	4	4	4	0	0	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16+			0	0	0	0	0		
PHF	n/a	0.25	0.25	0.25	0.75	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	n/a	n/a	n/a	n/a	0.44			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	2	0	0	2	2			0	0	0	0	0		
12:15	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		
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	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	8	+	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	6	*	0	0	0	0	0		
13:15	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	6	*	0	0	0	0	0		
13:30	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	9	*	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	7		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	7		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	6		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	4		0	0	0	0	0		
14:45	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	5		0	0	0	0	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

Total	0	9	0	1	10	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	20			0	0	0	0	0		
Avg Hr	0	3	0	0	3	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	5	0	0	5	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	1	9*			0	0	0	0	0		
15x4	0	8	0	0	8	0	0	8	0	8	0	0	0	0	0	0	0	4	0	0	4	12+						0	0	0	0	0		
PHF	n/a	0.63	n/a	n/a	0.63	n/a	n/a	0.38	n/a	0.38	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																																			

### PM Peak Period Logging Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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

[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	2	22	2	5	31	0	0	25	0	25	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	5	62	0	0	0	0	0
Avg Hr	0	3	0	1	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	

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	2	13	2	4	21	0	0	18	0	18	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	42				
Avg Hr	0	3	0	1	4	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8					

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	9	0	1	10	0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	20	0	0	0	0	0
Avg Hr	0	3	0	0	3	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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

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

12:00	1	0	1	0	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	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	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	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	3 <sup>+</sup>		0	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	1	2 <sup>*</sup>		0	0	0	0	0	0
13:15	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	3 <sup>*</sup>		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	3 <sup>*</sup>		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	3		0	0	0	0	0	0
14:00	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	3		0	0	0	0	0	0
14:15	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	3		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	0	0	1	3		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	3		0	0	0	0	0	0
n/a																										0								
n/a																										0								
n/a																										0								
n/a																										0								
Total	1	1	3	0	5	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9			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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	0			
7:15	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	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		
8:30	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	0	1	2		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	2		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	2		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	1		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	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		
10:45	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	2		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	0	0	0	0	1	3*		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	3*		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	0	0	0	0	1	3*		0	0	0	0	0			
11:45	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	3+		0	0	0	0	0			

Total	0	4	0	0	4	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		
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	2			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	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		
15x4	0	4	0	0	4	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	0.50	n/a	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	n/a	n/a	n/a	n/a	n/a	n/a	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	1	0	1	0	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		
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	0	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		
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	1	2*		0	0	0	0	0		
13:15	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	3*		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	3*		0	0	0	0	0		
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0		
14:00	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	3		0	0	0	0	0		
14:15	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	3		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	3		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	3		0	0	0	0	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

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

Peak hour of the intersection

Pk Hr	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		
15x4	0	4	4	0	4	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	0.25	0.25	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	n/a	n/a	n/a	n/a	n/a	0.75			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

## PM Peak Period RVs

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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

[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	5	3	0	9	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	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	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	4	0	0	4	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
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	2	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	1	1	3	0	5	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0
Avg Hr	0	0	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

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 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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**  
**Wednesday, September 27, 2017**

Time Period	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	
Begins																																		
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	1	1	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	
7:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2			0	0	0	0	0	
7:45	0	1	3	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	9	15		0	0	0	0	0	
8:00	0	1	1	2	4	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	8	22		0	0	0	0	0	
8:15	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	6	25		0	0	0	0	0	
8:30	0	1	3	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	30		0	0	0	0	0	
8:45	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	6	27		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	20		0	0	0	0	0	
9:15	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	16		0	0	0	0	0	
9:30	1	2	0	1	4	0	0	2	0	2	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	9	18		0	0	0	0	0	
9:45	0	1	1	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	17		0	0	0	0	0	
10:00	0	0	2	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	20		0	0	0	0	0	
10:15	0	1	2	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	25		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	1	0	0	1	4	20		0	0	0	0	0	
10:45	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	20		0	0	0	0	0	
11:00	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	20*		0	0	0	0	0	
11:15	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	16*		0	0	0	0	0	
11:30	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	17*		0	0	0	0	0	
11:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	16+		0	0	0	0	0	
Total	1	15	21	9	46	0	0	21	0	21	0	0	0	0	0	1	0	1	4	6	0	22	0	0	22	95			0	0	0	0	0	

12:00	0	0	1	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
12:15	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0	
12:30	0	0	1	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0	
12:45	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	14	+	0	0	0	0	0	
13:00	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	14	*	0	0	0	0	0	
13:15	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	18	*	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	1	1	0	2	0	0	2	4	18	*	0	0	0	0	0
13:45	0	0	1	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	16		0	0	0	0	0	
14:00	0	0	3	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	7	21		0	0	0	0	0
14:15	0	2	1	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	21		0	0	0	0	0	
14:30	0	1	1	1	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	2	8	25		0	0	0	0	0	
14:45	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	3	9	30		0	0	0	0	0	
n/a																										0							
n/a																										0							
n/a																										0							
n/a																										0							
Total	0	7	13	7	27	0	0	16	0	16	0	0	0	0	0	0	0	2	2	0	15	0	0	15	60			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	1	1	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			
7:30	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2			0	0	0	0	0			
7:45	0	1	3	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	9	15			0	0	0	0	0		
8:00	0	1	1	2	4	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	8	22			0	0	0	0	0		
8:15	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	6	25			0	0	0	0	0		
8:30	0	1	3	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	30			0	0	0	0	0		
8:45	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	6	27			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	20			0	0	0	0	0		
9:15	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	16			0	0	0	0	0		
9:30	1	2	0	1	4	0	0	2	0	2	0	0	0	0	0	0	1	0	0	0	1	2	0	0	2	9	18			0	0	0	0	0		
9:45	0	1	1	0	2	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	17			0	0	0	0	0		
10:00	0	0	2	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	20			0	0	0	0	0		
10:15	0	1	2	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	25			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	1	0	0	1	4	20			0	0	0	0	0		
10:45	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	20			0	0	0	0	0		
11:00	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	20*			0	0	0	0	0		
11:15	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	16*			0	0	0	0	0		
11:30	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	5	17*			0	0	0	0	0		
11:45	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	16+			0	0	0	0	0		

Total	1	15	21	9	46	0	0	21	0	21	0	0	0	0	0	1	0	1	4	6	0	22	0	0	22	95			0	0	0	0	0		
Avg Hr	0	3	4	2	9	0	0	4	0	4	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	19			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	3	1	5	0	0	4	0	4	0	0	0	0	0	0	0	0	1	1	0	6	0	0	6	16*			0	0	0	0	0		
15x4	0	4	8	4	12	0	0	8	0	8	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	20+			0	0	0	0	0		
PHF	n/a	0.25	0.38	0.25	0.42	n/a	n/a	0.50	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	0.25	n/a	0.75	n/a	n/a	0.75	0.80			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	1	0	1	0	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		
12:15	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			0	0	0	0	0			
12:30	0	0	1	0	1	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4			0	0	0	0	0			
12:45	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	14	+	0	0	0	0	0			
13:00	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	14	*	0	0	0	0	0			
13:15	0	0	1	1	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	18	*	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	1	1	0	2	0	0	2	4	18	*	0	0	0	0	0		
13:45	0	0	1	1	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	16		0	0	0	0	0			
14:00	0	0	3	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	7	21		0	0	0	0	0		
14:15	0	2	1	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	21		0	0	0	0	0			
14:30	0	1	1	1	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	8	25		0	0	0	0	0			
14:45	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	9	30		0	0	0	0	0			
n/a																											0									
n/a																											0									
n/a																											0									
n/a																											0									

Total	0	7	13	7	27	0	0	16	0	16	0	0	0	0	0	0	0	0	2	2	0	15	0	0	15	60			0	0	0	0	0		
Avg Hr	0	2	4	2	9	0	0	5	0	5	0	0	0	0	0	0	0	0	1	1	0	5	0	0	5	20			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	1	2	3	6	0	0	5	0	5	0	0	0	0	0	0	0	0	1	1	0	6	0	0	6	18 *			0	0	0	0	0		
15x4	0	4	4	8	16	0	0	8	0	8	0	0	0	0	0	0	0	0	4	4	0	8	0	0	8	24 +			0	0	0	0	0		
PHF	n/a	0.25	0.50	0.38	0.38	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	0.25	0.25	n/a	0.75	n/a	n/a	0.75	0.75			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

### PM Peak Period Utility Trucks

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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

[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	22	34	16	73	0	0	37	0	37	0	0	0	0	0	1	0	1	6	8	0	37	0	0	37	155	0	0	0	0	0
Avg Hr	0	3	4	2	9	0	0	5	0	5	0	0	0	0	0	0	0	0	1	1	0	5	0	0	5	19	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	1	15	21	9	46	0	0	21	0	21	0	0	0	0	0	1	0	1	4	6	0	22	0	0	22	95	N	S	W	E	NE
Avg Hr	0	3	4	2	9	0	0	4	0	4	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	19	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	7	13	7	27	0	0	16	0	16	0	0	0	0	0	0	0	0	0	2	2	0	15	0	0	15	60	0	0	0	0	0
Avg Hr	0	2	4	2	9	0	0	5	0	5	0	0	0	0	0	0	0	0	0	1	1	0	5	0	0	5	20	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																																

N	S	W	E	NE

**Major Route:** 3rd Avenue  
**Minor Route:** Dunbar Street  
**Municipality:** Port Alberni  
**Filename:** 2-3rd Ave @ Dunbar St-Sep 27, 2017.xlsx  
**Location #:** 2

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

**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			
<b>Total</b>	<b>7:00</b>		<b>8.00</b>

**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	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	17	13	4	35	0	0	26	2	28	0	0	0	0	0	0	0	0	4	4	0	9	0	0	9	76			0	0	0	3	0
7:15	2	23	24	6	55	0	0	31	0	31	0	0	0	0	0	0	0	0	2	2	0	10	0	0	10	98			0	0	0	1	0
7:30	2	24	43	2	71	0	0	42	1	43	1	0	0	0	1	0	0	1	5	6	0	8	2	0	10	131			2	1	0	3	1
7:45	1	51	56	4	112	0	0	51	1	52	0	0	0	0	0	0	0	0	3	3	0	24	0	0	24	191	496		1	0	3	2	1
8:00	3	34	35	6	78	0	0	60	1	61	0	0	0	0	0	0	0	0	6	6	0	17	0	0	17	162	582		1	0	0	7	0
8:15	3	52	50	4	109	0	0	63	1	64	0	0	0	0	0	0	0	0	8	8	0	34	0	0	34	215	699		1	0	2	9	1
8:30	4	74	47	2	127	0	0	54	0	54	0	0	0	1	1	0	0	0	2	2	0	28	0	0	28	212	780		1	1	0	5	0
8:45	11	89	52	4	156	0	0	66	3	69	0	0	0	0	0	0	0	0	7	7	0	29	0	0	29	261	850		3	0	1	6	0
9:00	4	59	39	3	105	0	0	61	1	62	0	0	0	0	0	0	0	0	9	9	0	25	0	0	25	201	889		0	0	0	0	0
9:15	4	67	45	4	120	0	0	68	0	68	0	0	0	0	0	1	0	0	5	6	0	27	0	0	27	221	895		0	0	1	1	1
9:30	5	77	28	4	114	0	0	73	2	75	0	0	0	0	0	2	0	0	2	4	0	39	0	0	39	232	915		0	1	2	6	1
9:45	5	81	49	3	138	0	0	77	2	79	0	0	0	0	0	0	0	1	8	9	0	37	0	0	37	263	917		0	0	2	4	1
10:00	3	75	47	4	129	0	0	81	3	84	0	0	0	0	0	0	0	0	7	7	0	38	0	0	38	258	974		0	0	2	7	1
10:15	5	79	36	2	122	0	0	75	1	76	0	0	0	0	0	1	0	0	6	7	0	38	0	1	39	244	997		0	0	0	4	0
10:30	6	68	45	6	125	0	1	69	0	70	0	0	0	0	0	0	0	0	4	4	0	40	0	1	41	240	1005		0	0	0	5	0
10:45	10	80	49	2	141	0	1	73	0	74	0	0	0	0	0	1	0	0	4	5	0	33	0	0	33	253	995		0	1	7	14	3
11:00	6	71	49	2	128	0	0	112	1	113	0	0	0	0	0	0	0	0	4	4	0	54	0	1	55	300	1037	*	0	1	5	9	4
11:15	3	64	48	4	119	0	0	80	2	82	0	0	0	0	0	0	0	0	6	6	0	49	0	0	49	256	1049	*	0	0	0	3	0
11:30	3	83	48	3	137	0	0	81	2	83	0	0	0	0	0	0	0	0	6	6	0	54	0	2	56	282	1091	*	0	1	0	3	0
11:45	3	86	66	6	161	0	0	105	1	106	0	0	0	0	0	0	0	0	3	3	0	45	0	0	45	315	1153	+	0	0	2	10	3
Total	84	1254	869	75	2282	0	2	1348	24	1374	1	0	0	1	2	5	0	2	101	108	0	638	2	5	645	4411			9	6	27	102	17

12:00	6	80	57	3	146	0	0	74	3	77	1	0	0	0	1	0	0	0	4	4	0	69	0	1	70	298			2	1	2	7	2
12:15	5	71	47	4	127	0	0	86	1	87	0	0	0	0	0	0	0	0	4	4	0	40	0	0	40	258			3	0	4	14	0
12:30	6	72	47	2	127	0	0	78	2	80	0	0	0	0	0	2	1	0	3	6	0	49	0	0	49	262			1	2	2	11	1
12:45	5	102	57	6	170	0	0	106	1	107	0	0	0	0	0	0	0	0	14	14	0	49	1	1	51	342	1160	+	0	0	2	4	0
13:00	2	99	56	7	164	0	0	95	2	97	0	0	0	0	0	0	0	0	5	5	0	60	0	1	61	327	1189	*	0	0	2	2	0
13:15	3	80	45	3	131	0	0	92	2	94	1	0	0	0	1	0	0	0	5	5	0	58	1	0	59	290	1221	*	0	0	3	4	0
13:30	7	88	33	5	133	0	0	94	1	95	1	0	0	1	2	0	0	0	10	10	0	50	0	0	50	290	1249	*	0	2	1	11	2
13:45	7	84	67	8	166	0	0	102	1	103	0	0	0	0	0	0	0	0	5	5	0	35	0	0	35	309	1216		0	1	1	4	0
14:00	2	70	48	7	127	0	0	88	2	90	0	0	0	0	0	0	0	0	10	10	0	44	0	0	44	271	1160		0	0	0	4	0
14:15	9	70	49	5	133	0	0	107	1	108	0	0	0	0	0	0	0	0	7	7	0	44	0	0	44	292	1162		0	3	2	10	0
14:30	9	86	45	5	145	0	0	92	4	96	0	0	0	1	1	0	0	0	3	3	0	58	0	1	59	304	1176		0	0	1	4	0
14:45	10	81	51	2	144	0	0	96	1	97	0	0	0	0	0	0	0	0	10	10	0	56	0	3	59	310	1177		5	0	3	8	0
n/a																										0							
n/a																										0							
n/a																										0							
n/a																										0							
Total	71	983	602	57	1713	0	0	1110	21	1131	3	0	0	2	5	2	1	0	80	83	0	612	2	7	621	3553			11	9	23	83	5

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

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
7:00	1	17	13	4	35	0	0	26	2	28	0	0	0	0	0	0	0	0	4	4	0	9	0	0	9	76			0	0	0	3	0		
7:15	2	23	24	6	55	0	0	31	0	31	0	0	0	0	0	0	0	0	2	2	0	10	0	0	10	98			0	0	0	1	0		
7:30	2	24	43	2	71	0	0	42	1	43	1	0	0	0	1	0	0	1	5	6	0	8	2	0	10	131			2	1	0	3	1		
7:45	1	51	56	4	112	0	0	51	1	52	0	0	0	0	0	0	0	0	3	3	0	24	0	0	24	191	496		1	0	3	2	1		
8:00	3	34	35	6	78	0	0	60	1	61	0	0	0	0	0	0	0	0	6	6	0	17	0	0	17	162	582		1	0	0	7	0		
8:15	3	52	50	4	109	0	0	63	1	64	0	0	0	0	0	0	0	0	8	8	0	34	0	0	34	215	699		1	0	2	9	1		
8:30	4	74	47	2	127	0	0	54	0	54	0	0	0	1	1	0	0	0	2	2	0	28	0	0	28	212	780		1	1	0	5	0		
8:45	11	89	52	4	156	0	0	66	3	69	0	0	0	0	0	0	0	0	7	7	0	29	0	0	29	261	850		3	0	1	6	0		
9:00	4	59	39	3	105	0	0	61	1	62	0	0	0	0	0	0	0	0	9	9	0	25	0	0	25	201	889		0	0	0	0	0		
9:15	4	67	45	4	120	0	0	68	0	68	0	0	0	0	0	1	0	0	5	6	0	27	0	0	27	221	895		0	0	1	1	1		
9:30	5	77	28	4	114	0	0	73	2	75	0	0	0	0	0	2	0	0	2	4	0	39	0	0	39	232	915		0	1	2	6	1		
9:45	5	81	49	3	138	0	0	77	2	79	0	0	0	0	0	0	0	1	8	9	0	37	0	0	37	263	917		0	0	2	4	1		
10:00	3	75	47	4	129	0	0	81	3	84	0	0	0	0	0	0	0	0	7	7	0	38	0	0	38	258	974		0	0	2	7	1		
10:15	5	79	36	2	122	0	0	75	1	76	0	0	0	0	0	1	0	0	6	7	0	38	0	1	39	244	997		0	0	0	4	0		
10:30	6	68	45	6	125	0	1	69	0	70	0	0	0	0	0	0	0	0	4	4	0	40	0	1	41	240	1005		0	0	0	5	0		
10:45	10	80	49	2	141	0	1	73	0	74	0	0	0	0	0	1	0	0	4	5	0	33	0	0	33	253	995		0	1	7	14	3		
11:00	6	71	49	2	128	0	0	112	1	113	0	0	0	0	0	0	0	0	4	4	0	54	0	1	55	300	1037	*	0	1	5	9	4		
11:15	3	64	48	4	119	0	0	80	2	82	0	0	0	0	0	0	0	0	6	6	0	49	0	0	49	256	1049	*	0	0	0	3	0		
11:30	3	83	48	3	137	0	0	81	2	83	0	0	0	0	0	0	0	0	6	6	0	54	0	2	56	282	1091	*	0	1	0	3	0		
11:45	3	86	66	6	161	0	0	105	1	106	0	0	0	0	0	0	0	0	3	3	0	45	0	0	45	315	1153	+	0	0	2	10	3		

Total	84	1254	869	75	2282	0	2	1348	24	1374	1	0	0	1	2	5	0	2	101	108	0	638	2	5	645	4411			9	6	27	102	17	
Avg Hr	17	251	174	15	456	0	0	270	5	275	0	0	0	0	0	1	0	0	20	22	0	128	0	1	129	882			2	1	5	20	3	

Peak hour of the intersection

Pk Hr	15	304	211	15	545	0	0	378	6	384	0	0	0	0	0	0	0	0	19	19	0	202	0	3	205	1153	*		0	2	7	25	7	
15x4	24	344	264	24	644	0	0	448	8	452	0	0	0	0	0	0	0	0	24	24	0	216	0	8	224	1260	+		0	4	20	40	16	
PHF	0.63	0.88	0.80	0.63	0.85	n/a	n/a	0.84	0.75	0.85	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.79	0.79	n/a	0.94	n/a	0.38	0.92	0.92			n/a	0.50	0.35	0.63	0.44	

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	6	80	57	3	146	0	0	74	3	77	1	0	0	0	1	0	0	0	4	4	0	69	0	1	70	298			2	1	2	7	2		
12:15	5	71	47	4	127	0	0	86	1	87	0	0	0	0	0	0	0	0	4	4	0	40	0	0	40	258			3	0	4	14	0		
12:30	6	72	47	2	127	0	0	78	2	80	0	0	0	0	0	2	1	0	3	6	0	49	0	0	49	262			1	2	2	11	1		
12:45	5	102	57	6	170	0	0	106	1	107	0	0	0	0	0	0	0	0	14	14	0	49	1	1	51	342	1160	+	0	0	2	4	0		
13:00	2	99	56	7	164	0	0	95	2	97	0	0	0	0	0	0	0	0	5	5	0	60	0	1	61	327	1189	*	0	0	2	2	0		
13:15	3	80	45	3	131	0	0	92	2	94	1	0	0	0	1	0	0	0	5	5	0	58	1	0	59	290	1221	*	0	0	3	4	0		
13:30	7	88	33	5	133	0	0	94	1	95	1	0	0	1	2	0	0	0	10	10	0	50	0	0	50	290	1249	*	0	2	1	11	2		
13:45	7	84	67	8	166	0	0	102	1	103	0	0	0	0	0	0	0	0	5	5	0	35	0	0	35	309	1216		0	1	1	4	0		
14:00	2	70	48	7	127	0	0	88	2	90	0	0	0	0	0	0	0	0	10	10	0	44	0	0	44	271	1160		0	0	0	4	0		
14:15	9	70	49	5	133	0	0	107	1	108	0	0	0	0	0	0	0	0	7	7	0	44	0	0	44	292	1162		0	3	2	10	0		
14:30	9	86	45	5	145	0	0	92	4	96	0	0	0	1	1	0	0	0	3	3	0	58	0	1	59	304	1176		0	0	1	4	0		
14:45	10	81	51	2	144	0	0	96	1	97	0	0	0	0	0	0	0	0	10	10	0	56	0	3	59	310	1177		5	0	3	8	0		
n/a																										0									
n/a																										0									
n/a																										0									
n/a																										0									

Total	71	983	602	57	1713	0	0	1110	21	1131	3	0	0	2	5	2	1	0	80	83	0	612	2	7	621	3553			11	9	23	83	5	
Avg Hr	24	328	201	19	571	0	0	370	7	377	1	0	0	1	2	1	0	0	27	28	0	204	1	2	207	1184			4	3	8	28	2	

Peak hour of the intersection

Pk Hr	17	369	191	21	598	0	0	387	6	393	2	0	0	1	3	0	0	0	34	34	0	217	2	2	221	1249	*	0	2	8	21	2	
15x4	28	408	228	28	680	0	0	424	8	428	4	0	0	4	8	0	0	0	56	56	0	240	4	4	244	1368	+	0	8	12	44	8	
PHF	0.61	0.90	0.84	0.75	0.88	n/a	n/a	0.91	0.75	0.92	0.50	n/a	n/a	0.25	0.38	n/a	n/a	n/a	0.61	0.61	n/a	0.90	0.50	0.50	0.91	0.91		n/a	0.25	0.67	0.48	0.25	

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		



**PM Peak Period**  
**All Vehicles Combined**

**3rd Avenue @ Dunbar Street**  
**Wednesday, September 27, 2017**

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								N	S	W	E	SW	15 min	Hr	
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/a																																				
n/a																																				
n/a																																				
n/a																												0								
n/a																												0								
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n/a																												0								

[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	155	2237	1471	132	3995	0	2	2458	45	2505	4	0	0	3	7	7	1	2	181	191	0	1250	4	12	1266	7964	20	15	50	185	22
Avg Hr	19	280	184	17	499	0	0	307	6	313	1	0	0	0	1	1	0	0	23	24	0	156	1	2	158	996	3	2	6	23	3

AM Peak Period

5 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	84	1254	869	75	2282	0	2	1348	24	1374	1	0	0	1	2	5	0	2	101	108	0	638	2	5	645	4411	9	6	27	102	17
Avg Hr	17	251	174	15	456	0	0	270	5	275	0	0	0	0	0	1	0	0	20	22	0	128	0	1	129	882	2	1	5	20	3

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	71	983	602	57	1713	0	0	1110	21	1131	3	0	0	2	5	2	1	0	80	83	0	612	2	7	621	3553	11	9	23	83	5
Avg Hr	24	328	201	19	571	0	0	370	7	377	1	0	0	1	2	1	0	0	27	28	0	204	1	2	207	1184	4	3	8	28	2

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																																