Vehicle Turning Movement Survey
With Classification

Major Route: 3rd Avenue
Minor Route: Dunbar Street
Municipality: Port Alberni
Filename: 2-3rd Ave @ Dunbar St-Sep 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Regular Vehicles

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

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

Comments:

Survey Data
Regular Vehicles

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Pedestrians				
	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	13	16	2	**32**	0	0	15	0	**15**	0	0	0	0	**0**	0	0	0	2	**2**	0	8	0	0	**8**	**57**			0	0	0	3	0
7:15	1	20	26	1	**48**	0	0	26	0	**26**	0	0	0	0	**0**	0	0	1	1	**2**	0	12	0	0	**12**	**88**			1	0	1	2	0
7:30	4	30	52	2	**88**	0	0	34	1	**35**	1	0	0	0	**1**	0	0	0	6	**6**	1	14	0	0	**15**	**145**			0	0	1	4	0
7:45	3	46	48	2	**99**	0	0	36	0	**36**	0	0	0	0	**0**	0	0	0	5	**5**	0	15	0	0	**15**	**155**	445		0	0	1	3	0
8:00	1	35	39	2	**77**	0	0	40	1	**41**	0	0	0	0	**0**	0	0	0	5	**5**	0	14	0	0	**14**	**137**	525		1	0	2	1	2
8:15	2	63	41	3	**109**	0	0	52	1	**53**	0	0	0	0	**0**	2	0	0	6	**8**	0	22	0	0	**22**	**192**	629		2	0	2	3	0
8:30	5	50	35	2	**92**	0	0	66	0	**66**	0	0	0	0	**0**	0	0	0	2	**2**	1	23	0	1	**25**	**185**	669		0	0	1	0	1
8:45	10	77	37	2	**126**	0	0	63	0	**63**	0	0	0	0	**0**	1	0	0	4	**5**	0	13	0	0	**13**	**207**	721		3	0	1	5	0
9:00	10	61	30	2	**103**	0	0	60	3	**63**	0	0	0	0	**0**	0	0	0	4	**4**	0	25	0	0	**25**	**195**	779		0	1	0	4	0
9:15	6	68	41	3	**118**	0	0	50	1	**51**	0	0	0	0	**0**	0	0	0	4	**4**	0	23	0	0	**23**	**196**	783		0	0	0	6	0
9:30	5	49	39	1	**94**	0	0	48	1	**49**	0	0	0	0	**0**	0	0	0	7	**7**	0	28	0	0	**28**	**178**	776		1	0	2	8	0
9:45	6	68	41	2	**117**	0	0	64	1	**65**	0	0	0	0	**0**	0	2	1	2	**5**	1	33	0	1	**35**	**222**	791		0	0	3	7	0
10:00	11	49	31	3	**94**	0	0	72	0	**72**	0	0	0	0	**0**	0	0	0	4	**4**	2	42	0	1	**45**	**215**	811		2	0	3	2	0
10:15	3	79	40	1	**123**	0	0	74	3	**77**	0	0	0	0	**0**	0	0	0	6	**6**	0	31	0	0	**31**	**237**	852		0	0	1	5	0
10:30	0	59	38	3	**100**	0	0	80	3	**83**	0	0	0	0	**0**	1	0	0	4	**5**	1	33	0	0	**34**	**222**	896		0	0	1	4	0
10:45	3	72	34	1	**110**	0	0	87	0	**87**	0	0	0	0	**0**	0	0	0	4	**4**	1	46	0	0	**47**	**248**	922		2	0	2	11	0
11:00	2	66	48	1	**117**	0	0	75	2	**77**	0	0	0	0	**0**	1	0	0	8	**9**	1	45	0	0	**46**	**249**	956	*	0	0	0	13	0
11:15	5	76	46	0	**127**	0	0	73	1	**74**	0	0	0	0	**0**	0	0	0	8	**8**	0	45	0	2	**47**	**256**	975	*	2	0	6	2	2
11:30	3	71	44	0	**118**	0	0	70	0	**70**	0	0	0	0	**0**	0	0	0	14	**14**	1	47	0	0	**48**	**250**	1003	*	1	0	1	4	1
11:45	5	87	40	2	**134**	0	0	93	1	**94**	0	0	0	0	**0**	0	0	0	6	**6**	0	39	0	1	**40**	**274**	1029	+	2	2	0	4	0
Total	86	1139	766	35	**2026**	0	0	1178	19	**1197**	1	0	0	0	**1**	5	2	2	102	**111**	9	558	0	6	**573**	**3908**			17	3	28	91	6
12:00	8	73	42	1	**124**	0	0	86	1	**87**	0	0	0	0	**0**	0	0	0	5	**5**	0	49	0	0	**49**	**265**			0	1	2	12	0
12:15	5	83	50	2	**140**	0	0	70	0	**70**	0	0	0	1	**1**	0	0	0	4	**4**	0	46	0	0	**46**	**261**			0	0	1	10	2
12:30	7	63	41	1	**112**	0	0	82	1	**83**	0	0	0	0	**0**	1	0	0	4	**5**	0	31	0	0	**31**	**231**			3	0	5	7	3
12:45	1	86	63	2	**152**	0	0	78	2	**80**	0	0	0	0	**0**	0	0	0	3	**3**	0	40	0	3	**43**	**278**	1035	*	1	1	4	11	2
13:00	2	68	61	4	**135**	0	0	97	1	**98**	1	0	0	0	**1**	1	0	0	8	**9**	0	46	0	0	**46**	**289**	1059	+	2	0	2	8	0
13:15	5	84	45	3	**137**	0	0	88	0	**88**	1	0	0	0	**1**	1	0	0	10	**11**	0	43	0	0	**43**	**280**	1078	*	0	0	2	9	1
13:30	2	75	35	1	**113**	0	0	77	0	**77**	0	0	0	0	**0**	0	0	0	4	**4**	0	45	0	1	**46**	**240**	1087	*	0	1	3	7	4
13:45	8	78	43	2	**131**	0	0	88	4	**92**	0	0	0	0	**0**	0	0	0	4	**4**	0	30	0	0	**30**	**257**	1066		2	0	6	5	2
14:00	4	65	42	2	**113**	0	0	85	1	**86**	1	0	0	0	**1**	0	0	0	11	**11**	0	42	0	0	**42**	**253**	1030		2	0	2	6	2
14:15	5	60	38	4	**107**	0	0	108	1	**109**	1	0	0	0	**1**	0	1	0	6	**7**	0	45	0	0	**45**	**269**	1019		1	0	4	0	2
14:30	8	78	47	1	**134**	0	0	84	0	**84**	0	0	0	0	**0**	0	0	0	5	**5**	0	41	0	2	**43**	**266**	1045		2	0	3	1	1
14:45	4	83	40	0	**127**	0	0	99	1	**100**	1	0	0	0	**1**	0	0	0	5	**5**	1	33	0	1	**35**	**268**	1056		1	0	1	3	1
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Total	59	896	547	23	**1525**	0	0	1042	12	**1054**	5	0	0	1	**6**	3	1	0	69	**73**	1	491	0	7	**499**	**3157**			14	3	35	79	20
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Total																																	

AM Peak Period
Regular Vehicles

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Pedestrians					Conflict	
	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	13	16	2	32	0	0	15	0	15	0	0	0	0	0	0	0	0	2	2	0	8	0	0	8	57			0	0	0	3	0		
7:15	1	20	26	1	48	0	0	26	0	26	0	0	0	0	0	0	0	1	1	2	0	12	0	0	12	88			1	0	1	2	0		
7:30	4	30	52	2	88	0	0	34	1	35	1	0	0	0	1	0	0	0	6	6	1	14	0	0	15	145			0	0	1	4	0		
7:45	3	46	48	2	99	0	0	36	0	36	0	0	0	0	0	0	0	0	5	5	0	15	0	0	15	155	445		0	0	1	3	0		
8:00	1	35	39	2	77	0	0	40	1	41	0	0	0	0	0	0	0	0	5	5	0	14	0	0	14	137	525		1	0	2	1	2		
8:15	2	63	41	3	109	0	0	52	1	53	0	0	0	0	0	2	0	0	6	8	0	22	0	0	22	192	629		2	0	2	3	0		
8:30	5	50	35	2	92	0	0	66	0	66	0	0	0	0	0	0	0	0	2	2	1	23	0	1	25	185	669		0	0	1	0	1		
8:45	10	77	37	2	126	0	0	63	0	63	0	0	0	0	0	1	0	0	4	5	0	13	0	0	13	207	721		3	0	1	5	0		
9:00	10	61	30	2	103	0	0	60	3	63	0	0	0	0	0	0	0	0	4	4	0	25	0	0	25	195	779		0	1	0	4	0		
9:15	6	68	41	3	118	0	0	50	1	51	0	0	0	0	0	0	0	0	4	4	0	23	0	0	23	196	783		0	0	0	6	0		
9:30	5	49	39	1	94	0	0	48	1	49	0	0	0	0	0	0	0	0	7	7	0	28	0	0	28	178	776		1	0	2	8	0		
9:45	6	68	41	2	117	0	0	64	1	65	0	0	0	0	0	0	2	1	2	5	1	33	0	1	35	222	791		0	0	3	7	0		
10:00	11	49	31	3	94	0	0	72	0	72	0	0	0	0	0	0	0	0	4	4	2	42	0	1	45	215	811		2	0	3	2	0		
10:15	3	79	40	1	123	0	0	74	3	77	0	0	0	0	0	0	0	0	6	6	0	31	0	0	31	237	852		0	0	1	5	0		
10:30	0	59	38	3	100	0	0	80	3	83	0	0	0	0	0	1	0	0	4	5	1	33	0	0	34	222	896		0	0	1	4	0		
10:45	3	72	34	1	110	0	0	87	0	87	0	0	0	0	0	0	0	0	4	4	1	46	0	0	47	248	922		2	0	2	11	0		
11:00	2	66	48	1	117	0	0	75	2	77	0	0	0	0	0	1	0	0	8	9	1	45	0	0	46	249	956	*	0	0	0	13	0		
11:15	5	76	46	0	127	0	0	73	1	74	0	0	0	0	0	0	0	0	8	8	0	45	0	2	47	256	975	*	2	0	6	2	2		
11:30	3	71	44	0	118	0	0	70	0	70	0	0	0	0	0	0	0	0	14	14	1	47	0	0	48	250	1003	*	1	0	1	4	1		
11:45	5	87	40	2	134	0	0	93	1	94	0	0	0	0	0	0	0	0	6	6	0	39	0	1	40	274	1029	+	2	2	0	4	0		
Total	86	1139	766	35	**2026**	0	0	1178	19	**1197**	1	0	0	0	**1**	5	2	2	102	**111**	9	558	0	6	**573**	3908			17	3	28	91	6		
Avg Hr	17	228	153	7	**405**	0	0	236	4	**239**	0	0	0	0	**0**	1	0	0	20	**22**	2	112	0	1	**115**	782			3	1	6	18	1		

Peak hour of the intersection

Pk Hr	15	300	178	3	496	0	0	311	4	315	0	0	0	0	0	1	0	0	36	37	2	176	0	3	181	1029	*		5	2	7	23	3		
15x4	20	348	192	8	536	0	0	372	8	376	0	0	0	0	0	4	0	0	56	56	4	188	0	8	192	1096	+		8	8	24	52	8		
PHF	0.75	0.86	0.93	0.38	**0.93**	n/a	n/a	0.84	0.50	**0.84**	n/a	n/a	n/a	n/a	**n/a**	0.25	n/a	n/a	0.64	**0.66**	0.50	0.94	n/a	0.38	**0.94**	0.94			0.63	0.25	0.29	0.44	0.38		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
Regular Vehicles

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	Pedestrians N	S	W	E	SW	Conflict 15 min	Hr
12:00	8	73	42	1	124	0	0	86	1	87	0	0	0	0	0	0	0	0	5	5	0	49	0	0	49	265			0	1	2	12	0		
12:15	5	83	50	2	140	0	0	70	0	70	0	0	0	1	1	0	0	0	4	4	0	46	0	0	46	261			0	0	1	10	2		
12:30	7	63	41	1	112	0	0	82	1	83	0	0	0	0	0	1	0	0	4	5	0	31	0	0	31	231			3	0	5	7	3		
12:45	1	86	63	2	152	0	0	78	2	80	0	0	0	0	0	0	0	0	3	3	0	40	0	3	43	278	1035	*	1	1	4	11	2		
13:00	2	68	61	4	135	0	0	97	1	98	1	0	0	0	1	1	0	0	8	9	0	46	0	0	46	289	1059	+	2	0	2	8	0		
13:15	5	84	45	3	137	0	0	88	0	88	1	0	0	0	1	1	0	0	10	11	0	43	0	0	43	280	1078	*	0	0	2	9	1		
13:30	2	75	35	1	113	0	0	77	0	77	0	0	0	0	0	0	0	0	4	4	0	45	0	1	46	240	1087	*	0	1	3	7	4		
13:45	8	78	43	2	131	0	0	88	4	92	0	0	0	0	0	0	0	0	4	4	0	30	0	0	30	257	1066		2	0	6	5	2		
14:00	4	65	42	2	113	0	0	85	1	86	1	0	0	0	1	0	0	0	11	11	0	42	0	0	42	253	1030		2	0	2	6	2		
14:15	5	60	38	4	107	0	0	108	1	109	1	0	0	0	1	0	1	0	6	7	0	45	0	0	45	269	1019		1	0	4	0	2		
14:30	8	78	47	1	134	0	0	84	0	84	0	0	0	0	0	0	0	0	5	5	0	41	0	2	43	266	1045		2	0	3	1	1		
14:45	4	83	40	0	127	0	0	99	1	100	1	0	0	0	1	0	0	0	5	5	1	33	0	1	35	268	1056		1	0	1	3	1		
n/a																																			
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Total	59	896	547	23	**1525**	0	0	1042	12	**1054**	5	0	0	1	**6**	3	1	0	69	**73**	1	491	0	7	**499**	3157			14	3	35	79	20		
Avg Hr	20	299	182	8	**508**	0	0	347	4	**351**	2	0	0	0	**2**	1	0	0	23	**24**	0	164	0	2	**166**	1052			5	1	12	26	7		

Peak hour of the intersection

Pk Hr	10	313	204	10	537	0	0	340	3	343	2	0	0	0	2	2	0	0	25	27	0	174	0	4	178	1087	*		3	2	11	35	7		
15x4	20	344	252	16	608	0	0	388	8	392	4	0	0	0	4	4	0	0	40	44	0	184	0	12	184	1156	+		8	4	16	44	16		
PHF	0.50	0.91	0.81	0.63	**0.88**	n/a	n/a	0.88	0.38	**0.88**	0.50	n/a	n/a	n/a	**0.50**	0.50	n/a	n/a	0.63	**0.61**	n/a	0.95	n/a	0.33	**0.97**	0.94			0.38	0.50	0.69	0.80	0.44		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

PM Peak Period
Regular Vehicles

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Pedestrians					Conflict	
	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
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Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																											*								
15x4																											+								
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
Regular Vehicles

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	145	2035	1313	58	**3551**	0	0	2220	31	**2251**	6	0	0	1	**7**	8	3	2	171	**184**	10	1049	0	13	**1072**	7065	31	6	63	170	26
Avg Hr	18	254	164	7	**444**	0	0	278	4	**281**	1	0	0	0	**1**	1	0	0	21	**23**	1	131	0	2	**134**	883	4	1	8	21	3

AM Peak Period
5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	86	1139	766	35	**2026**	0	0	1178	19	**1197**	1	0	0	0	**1**	5	2	2	102	**111**	9	558	0	6	**573**	3908	17	3	28	91	6
Avg Hr	17	228	153	7	**405**	0	0	236	4	**239**	0	0	0	0	**0**	1	0	0	20	**22**	2	112	0	1	**115**	782	3	1	6	18	1

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	59	896	547	23	**1525**	0	0	1042	12	**1054**	5	0	0	1	**6**	3	1	0	69	**73**	1	491	0	7	**499**	3157	14	3	35	79	20
Avg Hr	20	299	182	8	**508**	0	0	347	4	**351**	2	0	0	0	**2**	1	0	0	23	**24**	0	164	0	2	**166**	1052	5	1	12	26	7

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Pedestrians				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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			
Total	**7:00**		**8.00**

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

Comments:

Survey Data ***3rd Avenue @ Dunbar Street***

Buses ***Tuesday, September 26, 2017***

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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	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	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
8:30	0	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	7		0	0	0	0	0
8:45	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	7		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**	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	0	0	0	**0**	**0**	5		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	1	0	0	**1**	**2**	4		0	0	0	0	0
10:15	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	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**	3	*	0	0	0	0	0
11:15	0	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	4	*	0	0	0	0	0
11:30	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	4	*	0	0	0	0	0
11:45	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	5	+	0	0	0	0	0
Total	0	11	1	0	**12**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**23**			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
12:15	0	0	1	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**			0	0	0	0	0
12:30	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**			0	0	0	0	0
12:45	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	5	*	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**	5	+	0	0	0	0	0
13:15	0	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	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	1	0	0	**1**	**2**	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**	5		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**	6		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**	5		0	0	0	0	0
14:30	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
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																																	
n/a																																	
n/a																																	
n/a																																	
Total	0	5	1	0	**6**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**13**			0	0	0	0	0
n/a																																	
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n/a																																	
Total																																	

AM Peak Period
Buses

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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	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		
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	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	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	1	4		0	0	0	0	0		
8:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0		
8:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7		0	0	0	0	0		
8:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	7		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	1	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	0	0	0	0	5		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	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	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	1	0	0	1	2	4		0	0	0	0	0		
10:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	3	*	0	0	0	0	0		
11:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	*	0	0	0	0	0		
11:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	*	0	0	0	0	0		
11:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	+	0	0	0	0	0		
Total	0	11	1	0	**12**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	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	3	0	0	3	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		
15x4	0	8	0	0	8	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	+	0	0	0	0	0		
PHF	n/a	0.38	n/a	n/a	**0.38**	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**	0.63		n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
Buses

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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		
12:15	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
12:30	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
12:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	*	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	5	+	0	0	0	0	0		
13:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	1	0	0	1	2	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	5		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	6		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	5		0	0	0	0	0		
14:30	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		
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																																			
n/a																																			
n/a																																			
n/a																																			
Total	0	5	1	0	**6**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	13			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**	4			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	1	0	0	1	5	*	0	0	0	0	0		
15x4	0	8	0	0	8	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	8	+	0	0	0	0	0		
PHF	n/a	0.25	n/a	n/a	**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	n/a	n/a	**n/a**	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																																			

PM Peak Period
Buses

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																			
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n/a																																			
n/a																																			
n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																											*								
15x4																											+								
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
Buses

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	16	2	0	**18**	0	0	15	0	**15**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	36	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

AM Peak Period
5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	11	1	0	**12**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	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									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	5	1	0	**6**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	13	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**	4	0	0	0	0	0

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Articulated Trucks

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

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

Comments:

Survey Data
Articulated Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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	1	1	1	**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	0	2	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**			0	0	0	0	0
7:30	0	0	0	1	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	**5**			0	0	0	0	0
7:45	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**	15		0	0	0	0	0
8:00	0	0	0	2	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	13		0	0	0	0	0
8:15	0	0	0	3	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**5**	16		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	4	0	0	**4**	**4**	15		0	0	0	0	0
8:45	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**	13		0	0	0	0	0
9:00	0	3	0	2	**5**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**6**	17		0	0	0	0	0
9:15	0	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	14		0	0	0	0	0
9:30	0	1	0	2	**3**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**8**	18		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	1	0	0	**1**	**1**	17		0	0	0	0	0
10:00	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**	13		0	0	0	0	0
10:15	1	0	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	13		0	0	0	0	0
10:30	0	2	0	1	**3**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**5**	10		0	0	0	0	0
10:45	0	1	1	2	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**5**	14		0	0	0	0	0
11:00	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	13	*	0	0	0	0	0
11:15	0	2	0	1	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**5**	16	*	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	3	0	0	**3**	**4**	15	*	0	0	0	0	0
11:45	0	0	1	4	**5**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**7**	17	+	0	0	0	0	0
Total	1	13	4	25	**43**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	24	0	0	**24**	**76**			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	3	0	0	**3**	**3**			0	0	0	0	0
12:15	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**			0	0	0	0	0
12:30	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**			0	0	0	0	0
12:45	0	0	0	3	**3**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**5**	14	*	0	0	0	0	0
13:00	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**	13	+	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	2	0	0	**2**	**2**	13	*	0	0	0	0	0
13:30	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**	10	*	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	2	0	0	**2**	**3**	8		0	0	0	0	0
14:00	0	1	1	1	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	10		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	1	0	0	**1**	**1**	9		0	0	0	0	0
14:30	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
14:45	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**	10		0	0	0	0	0
n/a																																	
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n/a																																	
Total	0	2	1	11	**14**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	14	0	0	**14**	**32**			0	0	0	0	0
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Total																																	

AM Peak Period
Articulated Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 15 min	Hr
7:00	0	1	1	1	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	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	0		
7:30	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	5			0	0	0	0	0		
7:45	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	15		0	0	0	0	0		
8:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13		0	0	0	0	0		
8:15	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	16		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	4	0	0	4	4	15		0	0	0	0	0		
8:45	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	13		0	0	0	0	0		
9:00	0	3	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	17		0	0	0	0	0		
9:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14		0	0	0	0	0		
9:30	0	1	0	2	3	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	8	18		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	1	0	0	1	1	17		0	0	0	0	0		
10:00	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	13		0	0	0	0	0		
10:15	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	13		0	0	0	0	0		
10:30	0	2	0	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	10		0	0	0	0	0		
10:45	0	1	1	2	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14		0	0	0	0	0		
11:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	*	0	0	0	0	0		
11:15	0	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5	16	*	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	3	0	0	3	4	15	*	0	0	0	0	0		
11:45	0	0	1	4	5	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	17	+	0	0	0	0	0		
Total	1	13	4	25	**43**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	24	0	0	**24**	76			0	0	0	0	0		
Avg Hr	0	3	1	5	**9**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	15			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	3	2	5	10	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	17	*		0	0	0	0	0		
15x4	0	8	4	16	20	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	12	0	0	12	28	+		0	0	0	0	0		
PHF	n/a	0.38	0.50	0.31	**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	0.42	n/a	n/a	**0.42**	0.61			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
Articulated Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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	3	0	0	3	3			0	0	0	0	0		
12:15	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			0	0	0	0	0		
12:30	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			0	0	0	0	0		
12:45	0	0	0	3	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	14	*	0	0	0	0	0		
13:00	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	13	+	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	2	0	0	2	2	13	*	0	0	0	0	0		
13:30	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	10	*	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	2	0	0	2	3	8		0	0	0	0	0		
14:00	0	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	10		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	1	0	0	1	1	9		0	0	0	0	0		
14:30	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		
14:45	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	10		0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			
Total	0	2	1	11	**14**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	14	0	0	**14**	32			0	0	0	0	0		
Avg Hr	0	1	0	4	**5**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	11			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	5	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	10	*		0	0	0	0	0		
15x4	0	0	0	12	12	0	0	4	0	4	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	0.42	**0.42**	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	0.50	n/a	n/a	**0.50**	0.50			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
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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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n/a																																			
n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																												*							
15x4																												+							
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
Articulated Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume				
	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	15	5	36	**57**	0	0	13	0	**13**	0	0	0	0	**0**	0	0	0	0	**0**	0	38	0	0	**38**	108	0	0	0	0	0
Avg Hr	0	2	1	5	**7**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	14	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					Volume				
	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	13	4	25	**43**	0	0	9	0	**9**	0	0	0	0	**0**	0	0	0	0	**0**	0	24	0	0	**24**	76	0	0	0	0	0
Avg Hr	0	3	1	5	**9**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	15	0	0	0	0	0

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume				
	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	2	1	11	**14**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	14	0	0	**14**	32	0	0	0	0	0
Avg Hr	0	1	0	4	**5**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	11	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					Volume				
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Cube Trucks

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

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

Comments:

Survey Data
Cube Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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	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
7:15	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**			0	0	0	0	0
7:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**1**			0	0	0	0	0
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**	6		0	0	0	0	0
8:00	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**	6		0	0	0	0	0
8:15	0	1	0	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**3**	7		0	0	0	0	0
8:30	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	8		0	0	0	0	0
8:45	0	1	1	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	9		0	0	0	0	0
9:00	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	1	**1**	0	1	0	0	**1**	**3**	10		0	0	0	0	0
9:15	0	1	2	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	11		0	0	0	0	0
9:30	0	0	1	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	11		0	0	0	0	0
9:45	0	1	1	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**3**	12		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**	9		0	0	0	0	0
10:15	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	7		0	0	0	0	0
10:30	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**	7		0	0	0	0	0
10:45	0	0	0	0	**0**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**3**	7		0	0	0	0	0
11:00	0	1	0	0	**1**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**3**	10	*	0	0	0	0	0
11:15	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**	12	*	0	0	0	0	0
11:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**1**	11	*	0	0	0	0	0
11:45	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**	11	+	0	0	0	0	0
Total	0	11	12	0	**23**	0	0	11	0	**11**	0	0	0	0	**0**	0	0	0	1	**1**	0	10	0	0	**10**	**45**			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	**0**	**1**			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	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**3**			0	0	0	0	0
12:45	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
13:00	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**	8	+	0	0	0	0	0
13:15	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**	9	*	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	2	0	0	**2**	**2**	8	*	0	0	0	0	0
13:45	0	0	0	1	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**3**	10		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	1	0	0	**1**	**2**	10		0	0	0	0	0
14:15	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**	9		0	0	0	0	0
14:30	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	8		0	0	0	0	0
14:45	0	0	2	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
n/a																																	
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Total	2	5	4	1	**12**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	9	0	0	**9**	**25**			0	0	0	0	0
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Total																																	

AM Peak Period
Cube Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 15 min	Hr
7:00	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			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	1	0	0	1	2			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	1	0	0	1	1			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	6		0	0	0	0	0		
8:00	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	6		0	0	0	0	0		
8:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	7		0	0	0	0	0		
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	8		0	0	0	0	0		
8:45	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9		0	0	0	0	0		
9:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	3	10		0	0	0	0	0		
9:15	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	11		0	0	0	0	0		
9:30	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11		0	0	0	0	0		
9:45	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	12		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	9		0	0	0	0	0		
10:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	7		0	0	0	0	0		
10:30	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	7		0	0	0	0	0		
10:45	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	7		0	0	0	0	0		
11:00	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	*	0	0	0	0	0		
11:15	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	12	*	0	0	0	0	0		
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	11	*	0	0	0	0	0		
11:45	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	11	+	0	0	0	0	0		
Total	0	11	12	0	**23**	0	0	11	0	**11**	0	0	0	0	**0**	0	0	0	1	**1**	0	10	0	0	**10**	45			0	0	0	0	0		
Avg Hr	0	2	2	0	**5**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	9			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	3	3	0	6	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	11	*	0	0	0	0	0		
15x4	0	8	8	0	12	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	0.38	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	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																																			

MD Peak Period
Cube Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave													
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak					Conflict	
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	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	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3			0	0	0	0	0	
12:45	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	
13:00	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	8	+	0	0	0	0	0	
13:15	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	9	*	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	2	0	0	2	2	8	*	0	0	0	0	0	
13:45	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	10		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	1	0	0	1	2	10		0	0	0	0	0	
14:15	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	9		0	0	0	0	0	
14:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0	
14:45	0	0	2	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	
n/a																																		
n/a																																		
n/a																																		
n/a																																		
Total	2	5	4	1	**12**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	9	0	0	**9**	25			0	0	0	0	0	
Avg Hr	1	2	1	0	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	8			0	0	0	0	0	

Peak hour of the intersection

Pk Hr	2	1	1	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	8	*		0	0	0	0	0	
15x4	4	4	4	0	8	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	12	+		0	0	0	0	0	
PHF	0.50	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	0.38	n/a	n/a	**0.38**	0.67			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
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																				
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n/a																																				
n/a																																				
Total																																				
Avg Hr																																				

Peak hour of the intersection

Pk Hr																												*								
15x4																												+								
PHF																																				

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Period Hourly Averages
Cube Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume					
	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	16	16	1	**35**	0	0	15	0	**15**	0	0	0	0	**0**	0	0	0	1	**1**	0	19	0	0	**19**	70	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**	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					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume					
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	0	11	12	0	**23**	0	0	11	0	**11**	0	0	0	0	**0**	0	0	0	1	**1**	0	10	0	0	**10**	45	0	0	0	0	0
Avg Hr	0	2	2	0	**5**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	9	0	0	0	0	0

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume					
	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	5	4	1	**12**	0	0	4	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	9	0	0	**9**	25	0	0	0	0	0
Avg Hr	1	2	1	0	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	8	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					Volume					
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Dump Trucks

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

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

Comments:

Survey Data
Dump Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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
7:15	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
7:30	0	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**3**			0	0	0	0
7:45	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**	7		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**	8		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**	6		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**	3		0	0	0	0
8:45	0	3	0	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	5		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	1	0	0	**1**	**3**	7		0	0	0	0
9:15	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	8		0	0	0	0
9:30	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**	10		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**	8		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**	9		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**	8		0	0	0	0
10:30	0	0	1	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	8		0	0	0	0
10:45	0	0	0	0	**0**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	8		0	0	0	0
11:00	0	3	0	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**3**	7	*	0	0	0	0
11:15	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**	9	*	0	0	0	0
11:30	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**	10	*	0	0	0	0
11:45	0	1	1	0	**2**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**4**	12	+	0	0	0	0
Total	0	14	5	2	**21**	0	0	13	0	**13**	0	0	0	0	**0**	0	0	0	0	**0**	0	6	0	0	**6**	**40**			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
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
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
12:45	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**	3	*	0	0	0	0
13:00	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	4	+	0	0	0	0
13:15	0	2	0	0	**2**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	7	*	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**	6	*	0	0	0	0
13:45	0	1	0	0	**1**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**3**	8		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**	8		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**	4		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**	6		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
n/a																																
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n/a																																
Total	0	6	1	1	**8**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**15**			0	0	0	0
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Total																																

AM Peak Period
Dump Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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		
7:15	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		
7:30	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3			0	0	0	0	0		
7:45	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	7		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	8		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	6		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	3		0	0	0	0	0		
8:45	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	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	0	0	1	0	0	1	3	7		0	0	0	0	0		
9:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0		
9:30	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	10		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	8		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	9		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	8		0	0	0	0	0		
10:30	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8		0	0	0	0	0		
10:45	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8		0	0	0	0	0		
11:00	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	*	0	0	0	0	0		
11:15	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	9	*	0	0	0	0	0		
11:30	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	10	*	0	0	0	0	0		
11:45	0	1	1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	+	0	0	0	0	0		
Total	0	14	5	2	**21**	0	0	13	0	**13**	0	0	0	0	**0**	0	0	0	0	**0**	0	6	0	0	**6**	40			0	0	0	0	0		
Avg Hr	0	3	1	0	**4**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	8			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	5	1	1	7	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	12	*		0	0	0	0	0		
15x4	0	12	4	4	12	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	0.42	0.25	0.25	**0.58**	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	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																																			

MD Peak Period
Dump Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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	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	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	3	*	0	0	0	0	0		
13:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	+	0	0	0	0	0		
13:15	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	7	*	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	6	*	0	0	0	0	0		
13:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8		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	8		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	4		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	6		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																																			
n/a																																			
n/a																																			
n/a																																			
Total	0	6	1	1	**8**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	15			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**	5			0	0	0	0	0		

Peak hour of the intersection

Pk 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	*	0	0	0	0	0		
15x4	0	8	0	4	8	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	16	+	0	0	0	0	0		
PHF	n/a	0.25	n/a	0.25	**0.38**	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	0.25	n/a	n/a	**0.25**	0.38		n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

PM Peak Period
Dump Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																			
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n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																												*							
15x4																												+							
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
Dump Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume				
	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	20	6	3	**29**	0	0	19	0	**19**	0	0	0	0	**0**	0	0	0	0	**0**	0	7	0	0	**7**	55	0	0	0	0	0
Avg Hr	0	3	1	0	**4**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	7	0	0	0	0	0

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					Volume				
	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	5	2	**21**	0	0	13	0	**13**	0	0	0	0	**0**	0	0	0	0	**0**	0	6	0	0	**6**	40	0	0	0	0	0
Avg Hr	0	3	1	0	**4**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	8	0	0	0	0	0

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume				
	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	1	1	**8**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	15	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**	5	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					Volume				
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Emergency Trucks

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

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

Comments:

Survey Data
Emergency Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

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

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

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

MD Peak Period
Emergency Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

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

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0	0		
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
Emergency Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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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n/a																																				
Total																																				
Avg Hr																																				

Peak hour of the intersection

Pk Hr																												*								
15x4																												+								
PHF																																				

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Period Hourly Averages
Emergency Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	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
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									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	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
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

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	0	0
Avg Hr	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	0	0

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Garbage Trucks

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

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

Comments:

Survey Data
Garbage Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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
7:15	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
7:30	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
7:45	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	3		0	0	0	0
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**	3		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**	1		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**	1		0	0	0	0
8:45	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1		0	0	0	0
9:00	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1		0	0	0	0
9:15	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1		0	0	0	0
9:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	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	0	0	0	**0**	0	0	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
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
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
11:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	0	*	0	0	0	0
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**	1	+	0	0	0	0
Total	0	1	2	0	**3**	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
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
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
12:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	0	*	0	0	0	0
13:00	1	0	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	1	+	0	0	0	0
13:15	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1	*	0	0	0	0
13:30	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**	2	*	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**	2		0	0	0	0
14:00	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1		0	0	0	0
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
14:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	0		0	0	0	0
14:45	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	0		0	0	0	0
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Total	1	0	0	1	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**			0	0	0	0
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Total																																

AM Peak Period
Garbage Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave													
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak					Conflict	
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	
7:15	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	
7:30	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	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		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	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	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	
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	
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
11:45	0	0	0	0	0	0	0	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	
Total	0	1	2	0	**3**	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	
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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*		0	0	0	0	0	
15x4	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	+		0	0	0	0	0	
PHF	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	0.25	n/a	**0.25**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	0.25			n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

MD Peak Period
Garbage Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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		
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		
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0		
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0		
13:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	+	0	0	0	0	0		
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0		
13:30	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	2	*	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	2		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	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	1		0	0	0	0	0		
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0		
n/a																																		
n/a																																		
n/a																																		
n/a																																		
Total	1	0	0	1	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	2		0	0	0	0	0		
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	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0		
15x4	4	0	0	4	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		
PHF	0.25	n/a	n/a	0.25	**0.50**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	0.50		n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

PM Peak Period
Garbage Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																				
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n/a																																				
n/a																																				
Total																																				
Avg Hr																																				

Peak hour of the intersection

Pk Hr																												*								
15x4																												+								
PHF																																				

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Period Hourly Averages
Garbage Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave					Total					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume					
	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	2	1	**5**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	7	0	0	0	0	0
Avg Hr	0	0	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	1	0	0	0	0	0

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					Volume					
	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	2	0	**3**	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
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					
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Volume					
	Left	Thru	BR	Right	Total	HL	Left	Thru	Right	Total	Left	Thru	Right	HR	Total	Left	BL	Thru	Right	Total	HL	BL	BR	HR	Total		N	S	W	E	NE
Total	1	0	0	1	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	2	0	0	0	0	0
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

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					Volume					
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Logging Trucks

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

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

Comments:

Survey Data
Logging Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak					
	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	2	0	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**			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	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**3**	8		0	0	0	0	0
8:00	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	8		0	0	0	0	0
8:15	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	8		0	0	0	0	0
8:30	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**	8		0	0	0	0	0
8:45	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	6		0	0	0	0	0
9:00	0	3	0	0	**3**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**5**	10		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	0	0	0	**0**	**1**	9		0	0	0	0	0
9:30	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**	10		0	0	0	0	0
9:45	0	2	1	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**3**	12		0	0	0	0	0
10:00	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	7		0	0	0	0	0
10:15	0	1	0	0	**1**	0	0	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
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**	7		0	0	0	0	0
10:45	0	1	0	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	6		0	0	0	0	0
11:00	0	0	0	1	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**2**	8	*	0	0	0	0	0
11:15	0	2	1	0	**3**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**6**	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	0	**0**	0	0	0	0	**0**	**0**	10	*	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	1	0	0	**1**	**2**	10	+	0	0	0	0	0
Total	1	18	2	1	**22**	0	0	17	0	**17**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	**42**			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	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	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
12:45	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
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**	4	+	0	0	0	0	0
13:15	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**	6	*	0	0	0	0	0
13:30	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	6	*	0	0	0	0	0
13:45	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**	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	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
14:30	0	4	0	0	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**6**	10		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**	8		0	0	0	0	0
n/a																																	
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Total	0	11	1	0	**12**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**20**			0	0	0	0	0
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AM Peak Period
Logging Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 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	1			0	0	0	0	0		
7:15	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2			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	2			0	0	0	0	0		
7:45	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8		0	0	0	0	0		
8:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0	0		
8:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	8		0	0	0	0	0		
8:30	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8		0	0	0	0	0		
8:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6		0	0	0	0	0		
9:00	0	3	0	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10		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	0	0	0	1	9		0	0	0	0	0		
9:30	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10		0	0	0	0	0		
9:45	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12		0	0	0	0	0		
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0	0		
10:15	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9		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	1	7		0	0	0	0	0		
10:45	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6		0	0	0	0	0		
11:00	0	0	0	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	*	0	0	0	0	0		
11:15	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	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	0	0	0	0	0	0	0	10	*	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	1	0	0	1	2	10	+	0	0	0	0	0		
Total	1	18	2	1	**22**	0	0	17	0	**17**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	42			0	0	0	0	0		
Avg Hr	0	4	0	0	**4**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	8			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	3	1	1	5	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	2	0	0	2	10	*		0	0	0	0	0		
15x4	0	8	4	4	12	0	0	8	0	8	0	0	0	0	0	0	0	0	0	0	4	0	0	4	24	+		0	0	0	0	0		
PHF	n/a	0.38	0.25	0.25	**0.42**	n/a	n/a	0.38	n/a	**0.38**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	n/a	**0.50**	0.42			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
Logging Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave													
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak					Conflict	
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	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	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	
12:45	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	
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	4	+	0	0	0	0	0	
13:15	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	6	*	0	0	0	0	0	
13:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	*	0	0	0	0	0	
13:45	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	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	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	
14:30	0	4	0	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	10		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	8		0	0	0	0	0	
n/a																																		
n/a																																		
n/a																																		
n/a																																		
Total	0	11	1	0	**12**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	20			0	0	0	0	0	
Avg Hr	0	4	0	0	**4**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	7			0	0	0	0	0	

Peak hour of the intersection

Pk Hr	0	5	0	0	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*		0	0	0	0	0	
15x4	0	12	0	0	12	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	+		0	0	0	0	0	
PHF	n/a	0.42	n/a	n/a	**0.42**	n/a	n/a	0.25	n/a	**0.25**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	n/a	**n/a**	0.50			n/a	n/a	n/a	n/a	n/a	

Peak hour of conflicting volumes for the intersection

Pk Hr																																		
15x4																																		
PHF																																		

PM Peak Period
Logging Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																				
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n/a																																				
n/a																																				
n/a																																				
Total																																				
Avg Hr																																				

Peak hour of the intersection

Pk Hr																												*								
15x4																												+								
PHF																																				

Peak hour of conflicting volumes for the intersection

Pk Hr																																				
15x4																																				
PHF																																				

Period Hourly Averages
Logging Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	1	29	3	1	**34**	0	0	23	0	**23**	0	0	0	0	**0**	0	0	0	0	**0**	0	5	0	0	**5**	62	0	0	0	0	0
Avg Hr	0	4	0	0	**4**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	8	0	0	0	0	0

AM Peak Period
5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	1	18	2	1	**22**	0	0	17	0	**17**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	42	0	0	0	0	0
Avg Hr	0	4	0	0	**4**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	8	0	0	0	0	0

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	0	11	1	0	**12**	0	0	6	0	**6**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	20	0	0	0	0	0
Avg Hr	0	4	0	0	**4**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	7	0	0	0	0	0

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for RVs

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

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

Comments:

Survey Data ***3rd Avenue @ Dunbar Street***

RVs ***Tuesday, September 26, 2017***

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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
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
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	0	0	0	**0**	0	0	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
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
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
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
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
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
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	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
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**	2		0	0	0	0
10:30	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**	3		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
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**	2	*	0	0	0	0
11:15	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1	*	0	0	0	0
11:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	0	*	0	0	0	0
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**	1	+	0	0	0	0
Total	0	3	1	0	**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
12:00	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**			0	0	0	0
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
12:30	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	1	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
13:00	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**0**	1	+	0	0	0	0
13:15	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**1**	2	*	0	0	0	0
13:30	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**	6	*	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	1	0	0	**1**	**1**	6		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**	6		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**	6		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**	2		0	0	0	0
14:45	0	1	1	1	**3**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**4**	5		0	0	0	0
n/a																																
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n/a																																
Total	0	2	4	1	**7**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	**13**			0	0	0	0
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Total																																

AM Peak Period
RVs

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

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

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	0	0	0	0	1	*	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	0	0	0	0	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	n/a	n/a	n/a	**n/a**	0.25		n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
RVs

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
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	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	1	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		
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0	0		
13:15	0	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		
13:30	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	6	*	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	1	0	0	1	1	6		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	6		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	6		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	2		0	0	0	0	0		
14:45	0	1	1	1	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5		0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			
Total	0	2	4	1	**7**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	13			0	0	0	0	0		
Avg Hr	0	1	1	0	**2**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	4			0	0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

PM Peak Period
RVs

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																			
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n/a																																			
n/a																																			
n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																											*								
15x4																											+								
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages

RVs

3rd Avenue @ Dunbar Street

Tuesday, September 26, 2017

Entire Survey Period

8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	5	5	1	**11**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	17	0	0	0	0	0
Avg Hr	0	1	1	0	**1**	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

AM Peak Period

5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	3	1	0	**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
Avg Hr	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

MD Peak Period

3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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	0	2	4	1	**7**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	13	0	0	0	0	0
Avg Hr	0	1	1	0	**2**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	4	0	0	0	0	0

PM Peak Period

Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total			
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for Utility Trucks

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

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

Comments:

Survey Data
Utility Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave											
Period	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total Volume		Peak				
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	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
7:15	0	0	0	1	**1**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	1	0	**1**	0	0	0	0	**0**	**4**			0	0	0	0	0
7:30	0	1	2	1	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	1	**1**	0	2	0	0	**2**	**8**			0	0	0	0	0
7:45	0	3	0	0	**3**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**6**	20		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	1	0	0	**1**	**2**	20		0	0	0	0	0
8:15	1	3	0	1	**5**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**7**	23		0	0	0	0	0
8:30	0	2	2	0	**4**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	**6**	21		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	1	0	0	**1**	**3**	18		0	0	0	0	0
9:00	0	1	2	0	**3**	0	0	3	0	**3**	0	0	0	0	**0**	0	0	0	1	**1**	0	1	0	0	**1**	**8**	24		0	0	0	0	0
9:15	0	1	1	0	**2**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	1	**1**	0	1	0	0	**1**	**6**	23		0	0	0	0	0
9:30	1	3	1	0	**5**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	2	**2**	0	1	0	0	**1**	**8**	25		0	0	0	0	0
9:45	0	1	1	0	**2**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	26		0	0	0	0	0
10:00	1	1	0	0	**2**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	2	**2**	0	0	1	0	**1**	**6**	24		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	2	0	0	**2**	**3**	21		0	0	0	0	0
10:30	0	1	0	0	**1**	0	0	0	1	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**4**	17		0	0	0	0	0
10:45	1	0	0	0	**1**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**4**	17		0	0	0	0	0
11:00	0	1	1	0	**2**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	1	**1**	0	2	0	0	**2**	**7**	18	*	0	0	0	0	0
11:15	0	1	0	0	**1**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	**5**	20	*	0	0	0	0	0
11:30	0	1	0	2	**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
11:45	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**	19	+	0	0	0	0	0
Total	4	23	10	7	**44**	0	0	23	1	**24**	0	0	0	0	**0**	0	0	1	8	**9**	0	22	1	0	**23**	**100**			0	0	0	0	0
12:00	1	1	2	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**5**			0	0	0	0	0
12:15	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**			0	0	0	0	0
12:30	1	0	2	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
12:45	0	1	3	0	**4**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**5**	18	*	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	2	0	0	**2**	**4**	17	+	0	0	0	0	0
13:15	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	1	**1**	0	1	0	0	**1**	**4**	16	*	0	0	0	0	0
13:30	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**	15	*	0	0	0	0	0
13:45	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	3	0	0	**3**	**4**	14		0	0	0	0	0
14:00	0	2	2	0	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**7**	17		0	0	0	0	0
14:15	0	0	2	2	**4**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	2	0	0	**2**	**7**	20		0	0	0	0	0
14:30	0	1	0	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**2**	20		0	0	0	0	0
14:45	0	1	2	0	**3**	0	0	1	0	**1**	0	0	0	0	**0**	0	0	0	0	**0**	0	1	0	0	**1**	**5**	21		0	0	0	0	0
n/a																																	
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Total	2	8	19	2	**31**	0	0	5	0	**5**	0	0	0	0	**0**	0	0	0	2	**2**	0	15	0	0	**15**	**53**			0	0	0	0	0
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AM Peak Period
Utility Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 15 min	Hr
7:00	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		
7:15	0	0	0	1	1	0	0	2	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	4			0	0	0	0	0		
7:30	0	1	2	1	4	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	8			0	0	0	0	0		
7:45	0	3	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	6	20		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	1	0	0	1	2	20		0	0	0	0	0		
8:15	1	3	0	1	5	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	23		0	0	0	0	0		
8:30	0	2	2	0	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	21		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	1	0	0	1	3	18		0	0	0	0	0		
9:00	0	1	2	0	3	0	0	3	0	3	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	8	24		0	0	0	0	0		
9:15	0	1	1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	6	23		0	0	0	0	0		
9:30	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	1	8	25		0	0	0	0	0		
9:45	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	26		0	0	0	0	0		
10:00	1	1	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	2	2	0	0	1	0	1	6	24		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	2	0	0	2	3	21		0	0	0	0	0		
10:30	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4	17		0	0	0	0	0		
10:45	1	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	17		0	0	0	0	0		
11:00	0	1	1	0	2	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	2	7	18	*	0	0	0	0	0		
11:15	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	5	20	*	0	0	0	0	0		
11:30	0	1	0	2	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		
11:45	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	19	+	0	0	0	0	0		
Total	4	23	10	7	**44**	0	0	23	1	**24**	0	0	0	0	**0**	0	0	1	8	**9**	0	22	1	0	**23**	100			0	0	0	0	0		
Avg Hr	1	5	2	1	**9**	0	0	5	0	**5**	0	0	0	0	**0**	0	0	0	2	**2**	0	4	0	0	**5**	20			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	4	1	3	8	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		
15x4	0	4	4	8	12	0	0	8	0	8	0	0	0	0	0	0	0	0	4	4	0	12	0	0	12	28	+		0	0	0	0	0		
PHF	n/a	1.00	0.25	0.38	**0.67**	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	0.42	n/a	n/a	**0.42**	0.68			n/a	n/a	n/a	n/a	n/a		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period
Utility Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach Left	Thru	BR	Right	Total	Dunbar St SOUTH Approach HL	Left	Thru	Right	Total	3rd Ave WEST Approach Left	Thru	Right	HR	Total	3rd Ave EAST Approach Left	BL	Thru	Right	Total	Kingsway Ave SOUTHWEST Approach HL	BL	BR	HR	Total	Total Volume 15-min	Hour	Peak	N	S	W	E	NE	Conflict 15 min	Hr
12:00	1	1	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5			0	0	0	0	0		
12:15	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			0	0	0	0	0		
12:30	1	0	2	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		
12:45	0	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	18	*	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	2	0	0	2	4	17	+	0	0	0	0	0		
13:15	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	4	16	*	0	0	0	0	0		
13:30	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	15	*	0	0	0	0	0		
13:45	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	14		0	0	0	0	0		
14:00	0	2	2	0	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	17		0	0	0	0	0		
14:15	0	0	2	2	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	7	20		0	0	0	0	0		
14:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	20		0	0	0	0	0		
14:45	0	1	2	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	5	21		0	0	0	0	0		
n/a																																			
n/a																																			
n/a																																			
n/a																																			
Total	2	8	19	2	**31**	0	0	5	0	**5**	0	0	0	0	**0**	0	0	0	2	**2**	0	15	0	0	**15**	53			0	0	0	0	0		
Avg Hr	1	3	6	1	**10**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	1	**1**	0	5	0	0	**5**	18			0	0	0	0	0		

Peak hour of the intersection

Pk Hr	0	2	6	0	8	0	0	2	0	2	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	15	*		0	0	0	0	0		
15x4	0	4	12	0	16	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	0.50	0.50	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	0.25	**0.25**	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
Utility Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak						Conflict	
	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																																			
n/a																																			
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n/a																																			
n/a																																			
n/a																																			
n/a																																			
n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																												*							
15x4																												+							
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
Utility Trucks

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	6	31	29	9	**75**	0	0	28	1	**29**	0	0	0	0	**0**	0	0	1	10	**11**	0	37	1	0	**38**	153	0	0	0	0	0
Avg Hr	1	4	4	1	**9**	0	0	4	0	**4**	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									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	4	23	10	7	**44**	0	0	23	1	**24**	0	0	0	0	**0**	0	0	1	8	**9**	0	22	1	0	**23**	100	0	0	0	0	0
Avg Hr	1	5	2	1	**9**	0	0	5	0	**5**	0	0	0	0	**0**	0	0	0	2	**2**	0	4	0	0	**5**	20	0	0	0	0	0

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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	2	8	19	2	**31**	0	0	5	0	**5**	0	0	0	0	**0**	0	0	0	2	**2**	0	15	0	0	**15**	53	0	0	0	0	0
Avg Hr	1	3	6	1	**10**	0	0	2	0	**2**	0	0	0	0	**0**	0	0	0	1	**1**	0	5	0	0	**5**	18	0	0	0	0	0

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave									
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total				
	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 26, 2017.xlsx
Location #: 2

Date: September 26, 2017
Day-of-week: Tuesday

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

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

This data is for All Vehicles Combined

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

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

Comments:

Survey Data
All Vehicles Combined

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Crosswalks				
	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	15	19	4	**39**	0	0	16	0	**16**	0	0	0	0	**0**	0	0	0	2	**2**	0	10	0	0	**10**	**67**			0	0	0	3	0
7:15	1	24	28	4	**57**	0	0	29	0	**29**	0	0	0	0	**0**	0	0	2	1	**3**	0	13	0	0	**13**	**102**			1	0	1	2	0
7:30	4	33	55	4	**96**	0	0	39	1	**40**	1	0	0	0	**1**	0	0	0	7	**7**	1	21	0	0	**22**	**166**			0	0	1	4	0
7:45	3	52	48	6	**109**	0	0	41	0	**41**	0	0	0	0	**0**	0	0	0	5	**5**	0	18	0	0	**18**	**173**	508		0	0	1	3	0
8:00	1	37	40	4	**82**	0	0	43	1	**44**	0	0	0	0	**0**	0	0	0	5	**5**	0	15	0	0	**15**	**146**	587		1	0	2	1	2
8:15	3	68	41	7	**119**	0	0	56	1	**57**	0	0	0	0	**0**	2	0	0	6	**8**	0	27	0	0	**27**	**211**	696		2	0	2	3	0
8:30	6	55	37	2	**100**	0	0	70	0	**70**	0	0	0	0	**0**	0	0	0	2	**2**	1	28	0	1	**30**	**202**	732		0	0	1	0	1
8:45	10	83	38	3	**134**	0	0	66	0	**66**	0	0	0	0	**0**	1	0	0	4	**5**	0	17	0	0	**17**	**222**	781		3	0	1	5	0
9:00	10	70	32	4	**116**	0	0	67	3	**70**	0	0	0	0	**0**	0	0	0	6	**6**	0	29	0	0	**29**	**221**	856		0	1	0	4	0
9:15	6	73	44	3	**126**	0	0	53	1	**54**	0	0	0	0	**0**	0	0	0	5	**5**	0	25	0	0	**25**	**210**	855		0	0	0	6	0
9:30	6	55	43	3	**107**	0	0	54	1	**55**	0	0	0	0	**0**	0	0	0	9	**9**	0	31	0	0	**31**	**202**	855		1	0	2	8	0
9:45	6	73	44	2	**125**	0	0	66	1	**67**	0	0	0	0	**0**	0	2	1	2	**5**	1	37	0	1	**39**	**236**	869		0	0	3	7	0
10:00	12	53	32	3	**100**	0	0	75	0	**75**	0	0	0	0	**0**	0	0	0	6	**6**	2	45	1	1	**49**	**230**	878		2	0	3	2	0
10:15	4	82	40	1	**127**	0	0	78	3	**81**	0	0	0	0	**0**	0	0	0	6	**6**	0	35	0	0	**35**	**249**	917		0	0	1	5	0
10:30	0	64	41	4	**109**	0	0	83	4	**87**	0	0	0	0	**0**	1	0	0	4	**5**	1	36	0	0	**37**	**238**	953		0	0	1	4	0
10:45	4	74	35	3	**116**	0	0	95	0	**95**	0	0	0	0	**0**	0	0	0	4	**4**	1	48	0	0	**49**	**264**	981		2	0	2	11	0
11:00	2	71	50	2	**125**	0	0	81	2	**83**	0	0	0	0	**0**	1	0	0	9	**10**	1	47	0	0	**48**	**266**	1017	*	0	0	0	13	0
11:15	5	85	48	2	**140**	0	0	78	1	**79**	0	0	0	0	**0**	0	0	0	8	**8**	0	51	0	2	**53**	**280**	1048	*	2	0	6	2	2
11:30	3	74	44	2	**123**	0	0	73	0	**73**	0	0	0	0	**0**	0	0	0	14	**14**	1	52	0	0	**53**	**263**	1073	*	1	0	1	4	1
11:45	5	92	44	7	**148**	0	0	100	1	**101**	0	0	0	0	**0**	0	0	0	6	**6**	0	40	0	1	**41**	**296**	1105	+	2	2	0	4	0
Total	92	1233	803	70	**2198**	0	0	1263	20	**1283**	1	0	0	0	**1**	5	2	3	111	**121**	9	625	1	6	**641**	**4244**			17	3	28	91	6
12:00	9	75	46	1	**131**	0	0	86	1	**87**	0	0	0	0	**0**	0	0	0	5	**5**	0	53	0	0	**53**	**276**			0	1	2	12	0
12:15	5	85	54	3	**147**	0	0	74	0	**74**	0	0	0	1	**1**	0	0	0	5	**5**	0	47	0	0	**47**	**274**			0	0	1	10	2
12:30	8	65	43	3	**119**	0	0	85	1	**86**	0	0	0	0	**0**	1	0	0	4	**5**	0	35	0	0	**35**	**245**			3	0	5	7	3
12:45	2	88	67	6	**163**	0	0	81	2	**83**	0	0	0	0	**0**	0	0	0	3	**3**	0	42	0	3	**45**	**294**	1089	*	1	1	4	11	2
13:00	4	68	62	5	**139**	0	0	100	1	**101**	1	0	0	0	**1**	1	0	0	8	**9**	0	49	0	0	**49**	**299**	1112	+	2	0	2	8	0
13:15	5	93	47	3	**148**	0	0	90	0	**90**	1	0	0	0	**1**	1	0	0	11	**12**	0	48	0	0	**48**	**299**	1137	*	0	0	2	9	1
13:30	2	77	37	3	**119**	0	0	79	0	**79**	0	0	0	0	**0**	0	0	0	4	**4**	0	50	0	1	**51**	**253**	1145	*	0	1	3	7	4
13:45	8	81	44	4	**137**	0	0	92	4	**96**	0	0	0	0	**0**	0	0	0	4	**4**	0	38	0	0	**38**	**275**	1126		2	0	6	5	2
14:00	4	68	45	3	**120**	0	0	89	1	**90**	1	0	0	0	**1**	0	0	0	11	**11**	0	46	0	0	**46**	**268**	1095		2	0	2	6	2
14:15	5	61	40	6	**112**	0	0	112	1	**113**	1	0	0	0	**1**	0	1	0	6	**7**	0	49	0	0	**49**	**282**	1078		1	0	4	0	2
14:30	8	87	48	2	**145**	0	0	86	0	**86**	0	0	0	0	**0**	0	0	0	5	**5**	0	44	0	2	**46**	**282**	1107		2	0	3	1	1
14:45	4	87	45	1	**137**	0	0	102	1	**103**	1	0	0	0	**1**	0	0	0	5	**5**	1	35	0	1	**37**	**283**	1115		1	0	1	3	1
n/a																																	
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n/a																																	
Total	64	935	578	40	**1617**	0	0	1076	12	**1088**	5	0	0	1	**6**	3	1	0	71	**75**	1	536	0	7	**544**	**3330**			14	3	35	79	20
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Total																																	

AM Peak Period

All Vehicles Combined

3rd Avenue @ Dunbar Street

Tuesday, September 26, 2017

Time Period	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Crosswalks					Conflict	
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	15	19	4	39	0	0	16	0	16	0	0	0	0	0	0	0	0	2	2	0	10	0	0	10	67			0	0	0	3	0		
7:15	1	24	28	4	57	0	0	29	0	29	0	0	0	0	0	0	0	2	1	3	0	13	0	0	13	102			1	0	1	2	0		
7:30	4	33	55	4	96	0	0	39	1	40	1	0	0	0	1	0	0	0	7	7	1	21	0	0	22	166			0	0	1	4	0		
7:45	3	52	48	6	109	0	0	41	0	41	0	0	0	0	0	0	0	0	5	5	0	18	0	0	18	173	508		0	0	1	3	0		
8:00	1	37	40	4	82	0	0	43	1	44	0	0	0	0	0	0	0	0	5	5	0	15	0	0	15	146	587		1	0	2	1	2		
8:15	3	68	41	7	119	0	0	56	1	57	0	0	0	0	0	2	0	0	6	8	0	27	0	0	27	211	696		2	0	2	3	0		
8:30	6	55	37	2	100	0	0	70	0	70	0	0	0	0	0	0	0	0	2	2	1	28	0	1	30	202	732		0	0	1	0	1		
8:45	10	83	38	3	134	0	0	66	0	66	0	0	0	0	0	1	0	0	4	5	0	17	0	0	17	222	781		3	0	1	5	0		
9:00	10	70	32	4	116	0	0	67	3	70	0	0	0	0	0	0	0	0	6	6	0	29	0	0	29	221	856		0	1	0	4	0		
9:15	6	73	44	3	126	0	0	53	1	54	0	0	0	0	0	0	0	0	5	5	0	25	0	0	25	210	855		0	0	0	6	0		
9:30	6	55	43	3	107	0	0	54	1	55	0	0	0	0	0	0	0	0	9	9	0	31	0	0	31	202	855		1	0	2	8	0		
9:45	6	73	44	2	125	0	0	66	1	67	0	0	0	0	0	0	2	1	2	5	1	37	0	1	39	236	869		0	0	3	7	0		
10:00	12	53	32	3	100	0	0	75	0	75	0	0	0	0	0	0	0	0	6	6	2	45	1	1	49	230	878		2	0	3	2	0		
10:15	4	82	40	1	127	0	0	78	3	81	0	0	0	0	0	0	0	0	6	6	0	35	0	0	35	249	917		0	0	1	5	0		
10:30	0	64	41	4	109	0	0	83	4	87	0	0	0	0	0	1	0	0	4	5	1	36	0	0	37	238	953		0	0	1	4	0		
10:45	4	74	35	3	116	0	0	95	0	95	0	0	0	0	0	0	0	0	4	4	1	48	0	0	49	264	981		2	0	2	11	0		
11:00	2	71	50	2	125	0	0	81	2	83	0	0	0	0	0	1	0	0	9	10	1	47	0	0	48	266	1017	*	0	0	0	13	0		
11:15	5	85	48	2	140	0	0	78	1	79	0	0	0	0	0	0	0	0	8	8	0	51	0	2	53	280	1048	*	2	0	6	2	2		
11:30	3	74	44	2	123	0	0	73	0	73	0	0	0	0	0	0	0	0	14	14	1	52	0	0	53	263	1073	*	1	0	1	4	1		
11:45	5	92	44	7	148	0	0	100	1	101	0	0	0	0	0	0	0	0	6	6	0	40	0	1	41	296	1105	+	2	2	0	4	0		
Total	92	1233	803	70	**2198**	0	0	1263	20	**1283**	1	0	0	0	**1**	5	2	3	111	**121**	9	625	1	6	**641**	4244			17	3	28	91	6		
Avg Hr	18	247	161	14	**440**	0	0	253	4	**257**	0	0	0	0	**0**	1	0	1	22	**24**	2	125	0	1	**128**	849			3	1	6	18	1		

Peak hour of the intersection

Pk Hr	15	322	186	13	536	0	0	332	4	336	0	0	0	0	0	1	0	0	37	38	2	190	0	3	195	1105	*		5	2	7	23	3		
15x4	20	368	200	28	592	0	0	400	8	404	0	0	0	0	0	4	0	0	56	56	4	208	0	8	212	1184	+		8	8	24	52	8		
PHF	0.75	0.88	0.93	0.46	**0.91**	n/a	n/a	0.83	0.50	**0.83**	n/a	n/a	n/a	n/a	**n/a**	0.25	n/a	n/a	0.66	**0.68**	0.50	0.91	n/a	0.38	**0.92**	0.93			0.63	0.25	0.29	0.44	0.38		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

MD Peak Period

All Vehicles Combined

3rd Avenue @ Dunbar Street

Tuesday, September 26, 2017

Time Period	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Crosswalks					Conflict	
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	9	75	46	1	131	0	0	86	1	87	0	0	0	0	0	0	0	0	5	5	0	53	0	0	53	276			0	1	2	12	0		
12:15	5	85	54	3	147	0	0	74	0	74	0	0	0	1	1	0	0	0	5	5	0	47	0	0	47	274			0	0	1	10	2		
12:30	8	65	43	3	119	0	0	85	1	86	0	0	0	0	0	1	0	0	4	5	0	35	0	0	35	245			3	0	5	7	3		
12:45	2	88	67	6	163	0	0	81	2	83	0	0	0	0	0	0	0	0	3	3	0	42	0	3	45	294	1089	*	1	1	4	11	2		
13:00	4	68	62	5	139	0	0	100	1	101	1	0	0	0	1	1	0	0	8	9	0	49	0	0	49	299	1112	+	2	0	2	8	0		
13:15	5	93	47	3	148	0	0	90	0	90	1	0	0	0	1	1	0	0	11	12	0	48	0	0	48	299	1137	*	0	0	2	9	1		
13:30	2	77	37	3	119	0	0	79	0	79	0	0	0	0	0	0	0	0	4	4	0	50	0	1	51	253	1145	*	0	1	3	7	4		
13:45	8	81	44	4	137	0	0	92	4	96	0	0	0	0	0	0	0	0	4	4	0	38	0	0	38	275	1126		2	0	6	5	2		
14:00	4	68	45	3	120	0	0	89	1	90	1	0	0	0	1	0	0	0	11	11	0	46	0	0	46	268	1095		2	0	2	6	2		
14:15	5	61	40	6	112	0	0	112	1	113	1	0	0	0	1	0	1	0	6	7	0	49	0	0	49	282	1078		1	0	4	0	2		
14:30	8	87	48	2	145	0	0	86	0	86	0	0	0	0	0	0	0	0	5	5	0	44	0	2	46	282	1107		2	0	3	1	1		
14:45	4	87	45	1	137	0	0	102	1	103	1	0	0	0	1	0	0	0	5	5	1	35	0	1	37	283	1115		1	0	1	3	1		
n/a																																			
n/a																																			
n/a																																			
n/a																																			
Total	64	935	578	40	**1617**	0	0	1076	12	**1088**	5	0	0	1	**6**	3	1	0	71	**75**	1	536	0	7	**544**	3330			14	3	35	79	20		
Avg Hr	21	312	193	13	**539**	0	0	359	4	**363**	2	0	0	0	**2**	1	0	0	24	**25**	0	179	0	2	**181**	1110			5	1	12	26	7		

Peak hour of the intersection

Pk Hr	13	326	213	17	569	0	0	350	3	353	2	0	0	0	2	2	0	0	26	28	0	189	0	4	193	1145	*		3	2	11	35	7		
15x4	20	372	268	24	652	0	0	400	8	404	4	0	0	0	4	4	0	0	44	48	0	200	0	12	204	1196	+		8	4	16	44	16		
PHF	0.65	0.88	0.79	0.71	**0.87**	n/a	n/a	0.88	0.38	**0.87**	0.50	n/a	n/a	n/a	**0.50**	0.50	n/a	n/a	0.59	**0.58**	n/a	0.95	n/a	0.33	**0.95**	0.96			0.38	0.50	0.69	0.80	0.44		

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

PM Peak Period
All Vehicles Combined

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Time Period Begins	Dunbar St NORTH Approach					Dunbar St SOUTH Approach					3rd Ave WEST Approach					3rd Ave EAST Approach					Kingsway Ave SOUTHWEST Approach					Total Volume		Peak	Crosswalks					Conflict	
	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																																			
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n/a																																			
n/a																																			
n/a																																			
Total																																			
Avg Hr																																			

Peak hour of the intersection

Pk Hr																											*								
15x4																											+								
PHF																																			

Peak hour of conflicting volumes for the intersection

Pk Hr																																			
15x4																																			
PHF																																			

Period Hourly Averages
All Vehicles Combined

3rd Avenue @ Dunbar Street
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	156	2168	1381	110	**3815**	0	0	2339	32	**2371**	6	0	0	1	**7**	8	3	3	182	**196**	10	1161	1	13	**1185**	7574	31	6	63	170	26
Avg Hr	20	271	173	14	**477**	0	0	292	4	**296**	1	0	0	0	**1**	1	0	0	23	**25**	1	145	0	2	**148**	947	4	1	8	21	3

AM Peak Period
5 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	92	1233	803	70	**2198**	0	0	1263	20	**1283**	1	0	0	0	**1**	5	2	3	111	**121**	9	625	1	6	**641**	4244	17	3	28	91	6
Avg Hr	18	247	161	14	**440**	0	0	253	4	**257**	0	0	0	0	**0**	1	0	1	22	**24**	2	125	0	1	**128**	849	3	1	6	18	1

MD Peak Period
3 Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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	64	935	578	40	**1617**	0	0	1076	12	**1088**	5	0	0	1	**6**	3	1	0	71	**75**	1	536	0	7	**544**	3330	14	3	35	79	20
Avg Hr	21	312	193	13	**539**	0	0	359	4	**363**	2	0	0	0	**2**	1	0	0	24	**25**	0	179	0	2	**181**	1110	5	1	12	26	7

PM Peak Period
Hours

	Dunbar St					Dunbar St					3rd Ave					3rd Ave					Kingsway Ave						Crosswalks				
	NORTH Approach					SOUTH Approach					WEST Approach					EAST Approach					SOUTHWEST Approach					Total					
	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																															