Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	10	0	1	**11**	0	0	1	**1**	0	2	3	**5**	0	2	0	**2**	**19**			0	0	0	0
7:15	5	0	0	**5**	0	0	0	**0**	4	5	0	**9**	0	1	1	**2**	**16**			0	0	0	0
7:30	2	0	1	**3**	0	0	0	**0**	1	4	0	**5**	0	2	0	**2**	**10**			0	0	0	0
7:45	4	1	1	**6**	0	0	0	**0**	1	6	1	**8**	0	4	4	**8**	**22**	67	+	0	0	0	0
8:00	3	0	3	**6**	2	1	0	**3**	2	2	1	**5**	0	3	2	**5**	**19**	67	*	0	0	0	0
8:15	4	1	1	**6**	0	0	0	**0**	4	1	0	**5**	0	3	0	**3**	**14**	65	*	0	0	0	0
8:30	3	2	3	**8**	1	1	0	**2**	13	1	0	**14**	0	0	2	**2**	**26**	81	*	0	0	0	0
8:45	3	1	3	**7**	0	1	0	**1**	2	3	0	**5**	0	1	1	**2**	**15**	74		0	0	0	0
9:00	2	2	3	**7**	0	0	0	**0**	2	8	0	**10**	0	0	2	**2**	**19**	74		0	0	0	0
9:15	1	0	2	**3**	0	0	0	**0**	1	3	0	**4**	0	3	4	**7**	**14**	74		0	0	0	0
9:30	2	0	0	**2**	0	0	0	**0**	1	4	0	**5**	0	1	2	**3**	**10**	58		0	0	0	0
9:45	2	0	0	**2**	0	1	0	**1**	6	6	1	**13**	0	2	3	**5**	**21**	64		0	0	0	0
10:00	2	0	0	**2**	0	0	0	**0**	3	2	0	**5**	0	5	3	**8**	**15**	60		0	0	0	0
10:15	5	2	0	**7**	0	2	0	**2**	3	6	0	**9**	0	5	0	**5**	**23**	69		0	0	0	0
10:30	4	1	2	**7**	0	0	0	**0**	2	1	0	**3**	0	1	1	**2**	**12**	71		0	0	0	0
10:45	2	1	1	**4**	0	1	0	**1**	2	1	0	**3**	0	3	2	**5**	**13**	63		0	0	2	0
11:00	3	1	3	**7**	1	1	0	**2**	0	1	1	**2**	1	3	1	**5**	**16**	64		0	0	0	0
11:15	3	1	0	**4**	1	1	1	**3**	0	1	0	**1**	0	3	1	**4**	**12**	53		0	0	2	0
11:30	2	0	3	**5**	0	0	0	**0**	2	0	0	**2**	0	6	2	**8**	**15**	56		0	0	0	0
11:45	3	0	1	**4**	0	1	0	**1**	2	1	0	**3**	0	3	2	**5**	**13**	56		0	0	0	0
Total	65	13	28	**106**	5	10	2	**17**	51	58	7	**116**	1	51	33	**85**	**324**			0	0	4	0
12:00	3	1	1	**5**	0	0	0	**0**	1	3	0	**4**	0	3	3	**6**	**15**			0	0	0	0
12:15	4	0	0	**4**	1	2	0	**3**	2	1	0	**3**	0	1	4	**5**	**15**			0	0	0	0
12:30	1	0	1	**2**	0	1	0	**1**	0	2	1	**3**	0	5	2	**7**	**13**			0	0	0	0
12:45	3	0	3	**6**	0	0	0	**0**	2	2	0	**4**	0	4	3	**7**	**17**	60		0	0	0	0
13:00	2	0	3	**5**	0	0	0	**0**	2	1	3	**6**	0	2	2	**4**	**15**	60		0	0	0	0
13:15	3	0	2	**5**	0	1	0	**1**	1	5	0	**6**	0	4	0	**4**	**16**	61		0	0	0	0
13:30	1	1	4	**6**	1	0	0	**1**	0	3	1	**4**	0	4	2	**6**	**17**	65		0	0	0	0
13:45	3	1	0	**4**	0	1	0	**1**	1	5	1	**7**	0	3	1	**4**	**16**	64		0	0	0	0
14:00	2	0	3	**5**	0	0	1	**1**	1	5	0	**6**	0	5	4	**9**	**21**	70	*	0	0	0	0
14:15	2	1	4	**7**	4	0	0	**4**	2	5	2	**9**	1	10	10	**21**	**41**	95	+	0	0	0	0
14:30	0	0	3	**3**	0	1	0	**1**	11	3	0	**14**	0	7	6	**13**	**31**	109	*	0	0	0	0
14:45	1	2	3	**6**	1	0	0	**1**	2	1	0	**3**	0	10	6	**16**	**26**	119	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	25	6	27	**58**	7	6	1	**14**	25	36	8	**69**	1	58	43	**102**	**243**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

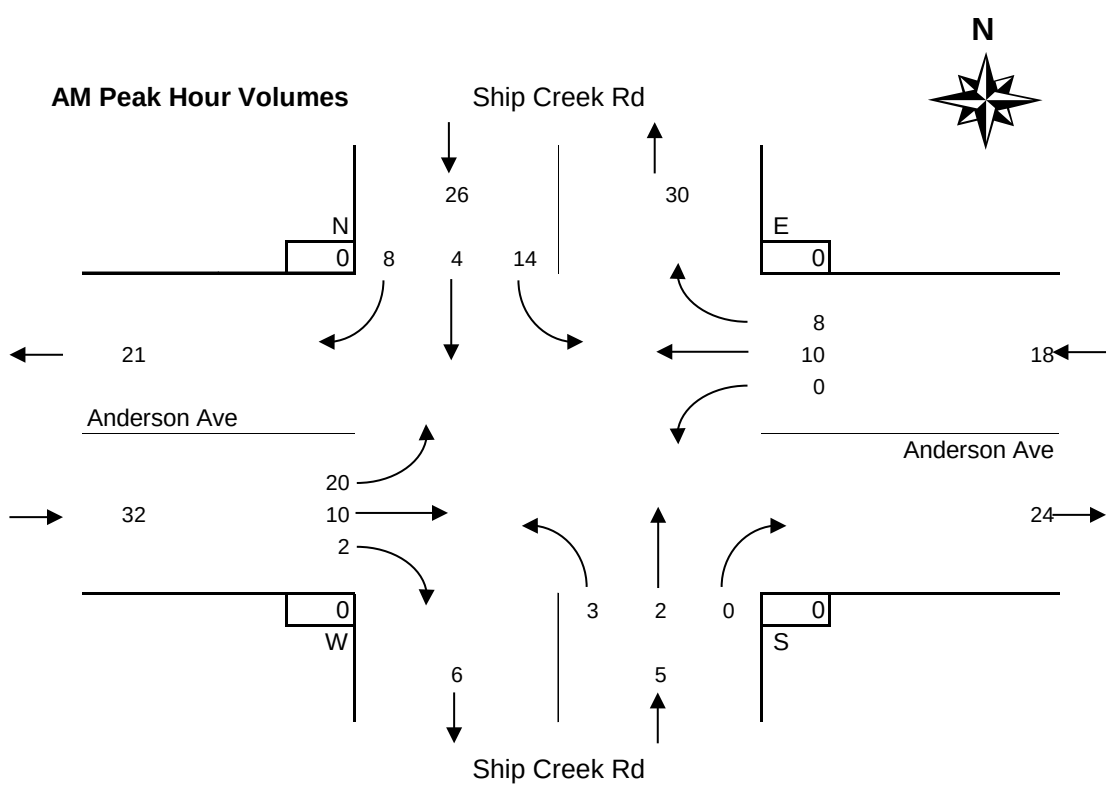
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	10	0	1	11	0	0	1	1	0	2	3	5	0	2	0	2	19			0	0	0	0	16	
7:15	5	0	0	5	0	0	0	0	4	5	0	9	0	1	1	2	16			0	0	0	0	11	
7:30	2	0	1	3	0	0	0	0	1	4	0	5	0	2	0	2	10			0	0	0	0	6	
7:45	4	1	1	6	0	0	0	0	1	6	1	8	0	4	4	8	22	67	+	0	0	0	0	13	46
8:00	3	0	3	6	2	1	0	3	2	2	1	5	0	3	2	5	19	67	*	0	0	0	0	12	42
8:15	4	1	1	6	0	0	0	0	4	1	0	5	0	3	0	3	14	65	*	0	0	0	0	11	42
8:30	3	2	3	8	1	1	0	2	13	1	0	14	0	0	2	2	26	81	*	0	0	0	0	21	57
8:45	3	1	3	7	0	1	0	1	2	3	0	5	0	1	1	2	15	74		0	0	0	0	8	52
9:00	2	2	3	7	0	0	0	0	2	8	0	10	0	0	2	2	19	74		0	0	0	0	13	53
9:15	1	0	2	3	0	0	0	0	1	3	0	4	0	3	4	7	14	74		0	0	0	0	10	52
9:30	2	0	0	2	0	0	0	0	1	4	0	5	0	1	2	3	10	58		0	0	0	0	6	37
9:45	2	0	0	2	0	1	0	1	6	6	1	13	0	2	3	5	21	64		0	0	0	0	14	43
10:00	2	0	0	2	0	0	0	0	3	2	0	5	0	5	3	8	15	60		0	0	0	0	13	43
10:15	5	2	0	7	0	2	0	2	3	6	0	9	0	5	0	5	23	69		0	0	0	0	15	48
10:30	4	1	2	7	0	0	0	0	2	1	0	3	0	1	1	2	12	71		0	0	0	0	8	50
10:45	2	1	1	4	0	1	0	1	2	1	0	3	0	3	2	5	13	63		0	0	2	0	10	46
11:00	3	1	3	7	1	1	0	2	0	1	1	2	1	3	1	5	16	64		0	0	0	0	9	42
11:15	3	1	0	4	1	1	1	3	0	1	0	1	0	3	1	4	12	53		0	0	2	0	9	36
11:30	2	0	3	5	0	0	0	0	2	0	0	2	0	6	2	8	15	56		0	0	0	0	13	41
11:45	3	0	1	4	0	1	0	1	2	1	0	3	0	3	2	5	13	56		0	0	0	0	11	42
Total	65	13	28	**106**	5	10	2	**17**	51	58	7	**116**	1	51	33	**85**	324			0	0	4	0		212
Avg Hr	13	3	6	**21**	1	2	0	**3**	10	12	1	**23**	0	10	7	**17**	65			0	0	1	0		

Peak hour of the intersection

Pk Hr	14	4	8	26	3	2	0	5	20	10	2	32	0	10	8	18	81	*		0	0	0	0		54
15x4	16	8	12	32	8	4	0	12	52	24	4	56	0	16	16	32	104	+		0	0	0	0		112
PHF	0.88	0.50	0.67	**0.81**	0.38	0.50	n/a	**0.42**	0.38	0.42	0.50	**0.57**	n/a	0.63	0.50	**0.56**	0.78			n/a	n/a	n/a	n/a		0.48

Peak hour of conflicting volumes for the intersection

Pk Hr	14	4	8	26	3	2	0	5	20	10	2	32	0	10	8	18	81	*		0	0	0	0		54
15x4	16	8	12	32	8	4	0	12	52	24	4	56	0	16	16	32	104	+		0	0	0	0		112
PHF	0.88	0.50	0.67	**0.81**	0.38	0.50	n/a	**0.42**	0.38	0.42	0.50	**0.57**	n/a	0.63	0.50	**0.56**	0.78			n/a	n/a	n/a	n/a		0.48



MD Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	3	1	1	5	0	0	0	0	1	3	0	4	0	3	3	6	15			0	0	0	0	10	
12:15	4	0	0	4	1	2	0	3	2	1	0	3	0	1	4	5	15			0	0	0	0	13	
12:30	1	0	1	2	0	1	0	1	0	2	1	3	0	5	2	7	13			0	0	0	0	9	
12:45	3	0	3	6	0	0	0	0	2	2	0	4	0	4	3	7	17	60		0	0	0	0	12	44
13:00	2	0	3	5	0	0	0	0	2	1	3	6	0	2	2	4	15	60		0	0	0	0	9	43
13:15	3	0	2	5	0	1	0	1	1	5	0	6	0	4	0	4	16	61		0	0	0	0	9	39
13:30	1	1	4	6	1	0	0	1	0	3	1	4	0	4	2	6	17	65		0	0	0	0	12	42
13:45	3	1	0	4	0	1	0	1	1	5	1	7	0	3	1	4	16	64		0	0	0	0	10	40
14:00	2	0	3	5	0	0	1	1	1	5	0	6	0	5	4	9	21	70	*	0	0	0	0	13	44
14:15	2	1	4	7	4	0	0	4	2	5	2	9	1	10	10	21	41	95	+	0	0	0	0	31	66
14:30	0	0	3	3	0	1	0	1	11	3	0	14	0	7	6	13	31	109	*	0	0	0	0	27	81
14:45	1	2	3	6	1	0	0	1	2	1	0	3	0	10	6	16	26	119	*	0	0	0	0	24	95
n/a																									
n/a																									
n/a																									
n/a																									
Total	25	6	27	**58**	7	6	1	**14**	25	36	8	**69**	1	58	43	**102**	243			0	0	0	0		166
Avg Hr	8	2	9	**19**	2	2	0	**5**	8	12	3	**23**	0	19	14	**34**	81			0	0	0	0		

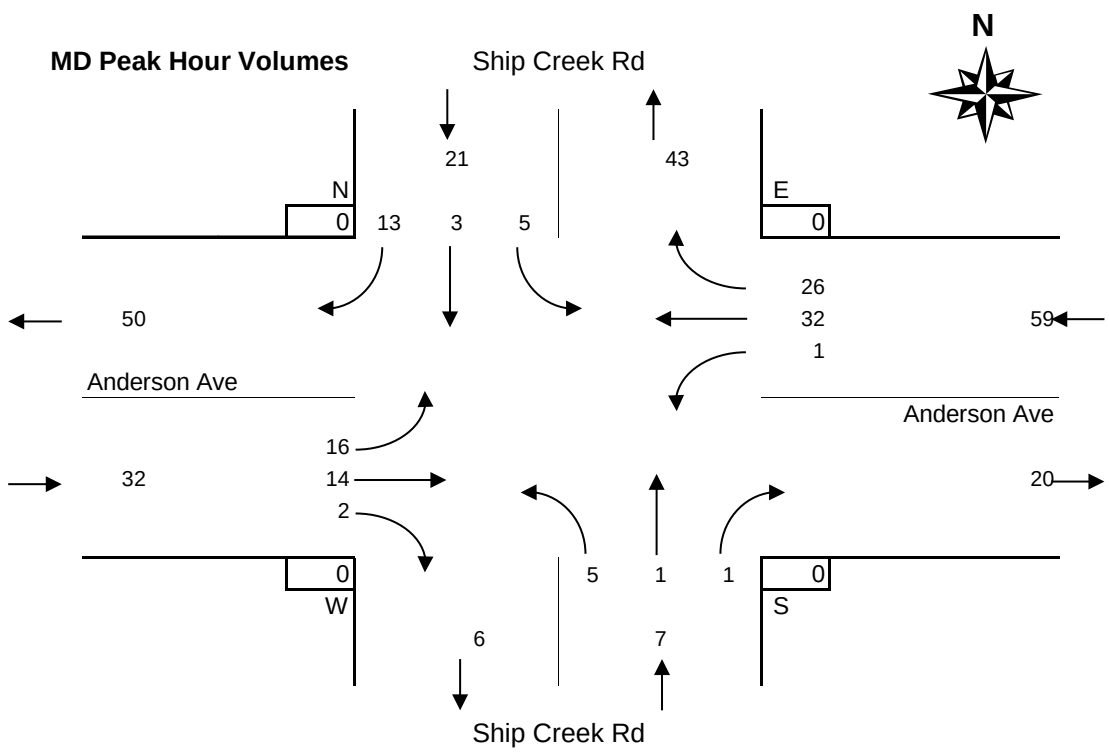
Peak hour of the intersection

Pk Hr	5	3	13	21	5	1	1	7	16	14	2	32	1	32	26	59	119	*		0	0	0	0		95
15x4	8	8	16	28	16	4	4	16	44	20	8	56	4	40	40	84	164	+		0	0	0	0		164
PHF	0.63	0.38	0.81	**0.75**	0.31	0.25	0.25	**0.44**	0.36	0.70	0.25	**0.57**	0.25	0.80	0.65	**0.70**	0.73			n/a	n/a	n/a	n/a		0.58

Peak hour of conflicting volumes for the intersection

Pk Hr	5	3	13	21	5	1	1	7	16	14	2	32	1	32	26	59	119	*		0	0	0	0		95
15x4	8	8	16	28	16	4	4	16	44	20	8	56	4	40	40	84	164	+		0	0	0	0		164
PHF	0.63	0.38	0.81	**0.75**	0.31	0.25	0.25	**0.44**	0.36	0.70	0.25	**0.57**	0.25	0.80	0.65	**0.70**	0.73			n/a	n/a	n/a	n/a		0.58

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



PM Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
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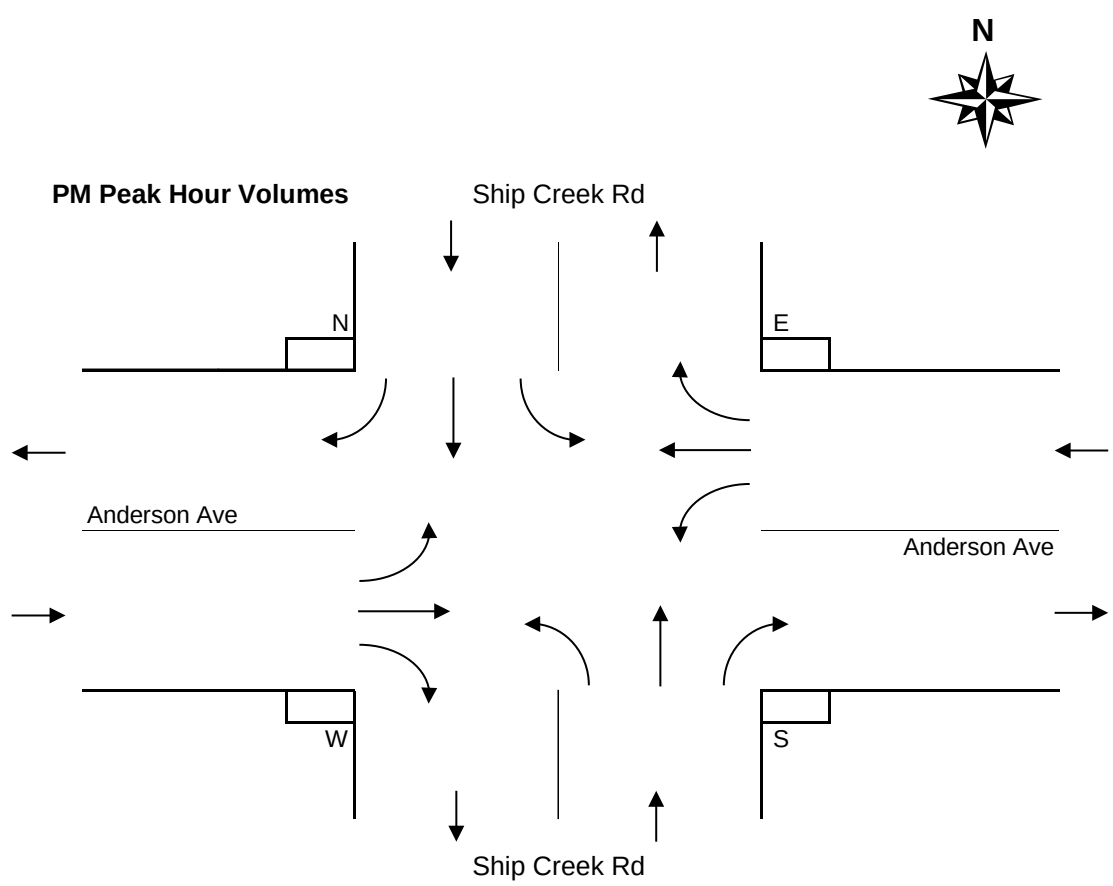
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period
8 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	90	19	55	**164**	12	16	3	**31**	76	94	15	**185**	2	109	76	**187**	567	0	0	4	0
Avg Hr	11	2	7	**21**	2	2	0	**4**	10	12	2	**23**	0	14	10	**23**	71	0	0	1	0

AM Peak Period
5 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	65	13	28	**106**	5	10	2	**17**	51	58	7	**116**	1	51	33	**85**	324	0	0	4	0
Avg Hr	13	3	6	**21**	1	2	0	**3**	10	12	1	**23**	0	10	7	**17**	65	0	0	1	0

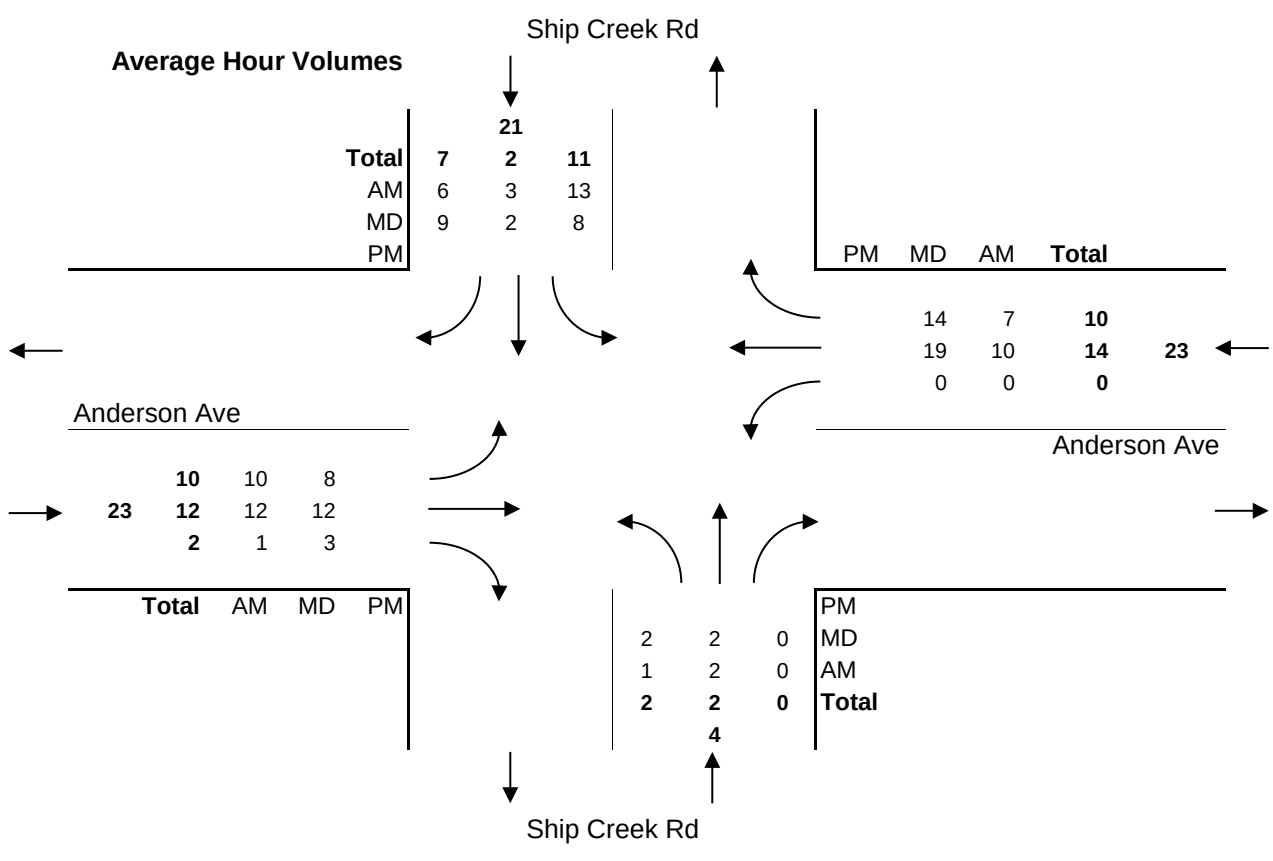
MD Peak Period
3 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	25	6	27	**58**	7	6	1	**14**	25	36	8	**69**	1	58	43	**102**	243	0	0	0	0
Avg Hr	8	2	9	**19**	2	2	0	**5**	8	12	3	**23**	0	19	14	**34**	81	0	0	0	0

PM Peak Period
Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for Buses

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

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

Comments:

Survey Data
Buses

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	2	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**	3	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**1**	3	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
9:00	0	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**	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
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	2	**2**	**2**	2		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
Total	1	0	2	**3**	0	0	0	**0**	1	0	0	**1**	0	0	2	**2**	**6**			0	0	0	0
12:00	1	0	0	**1**	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**	1	0	0	**1**	0	0	0	**0**	**1**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:45	0	0	1	**1**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**2**	2	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	1	0	1	**2**	0	0	0	**0**	2	0	0	**2**	0	0	0	**0**	**4**			0	0	0	0
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Buses

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

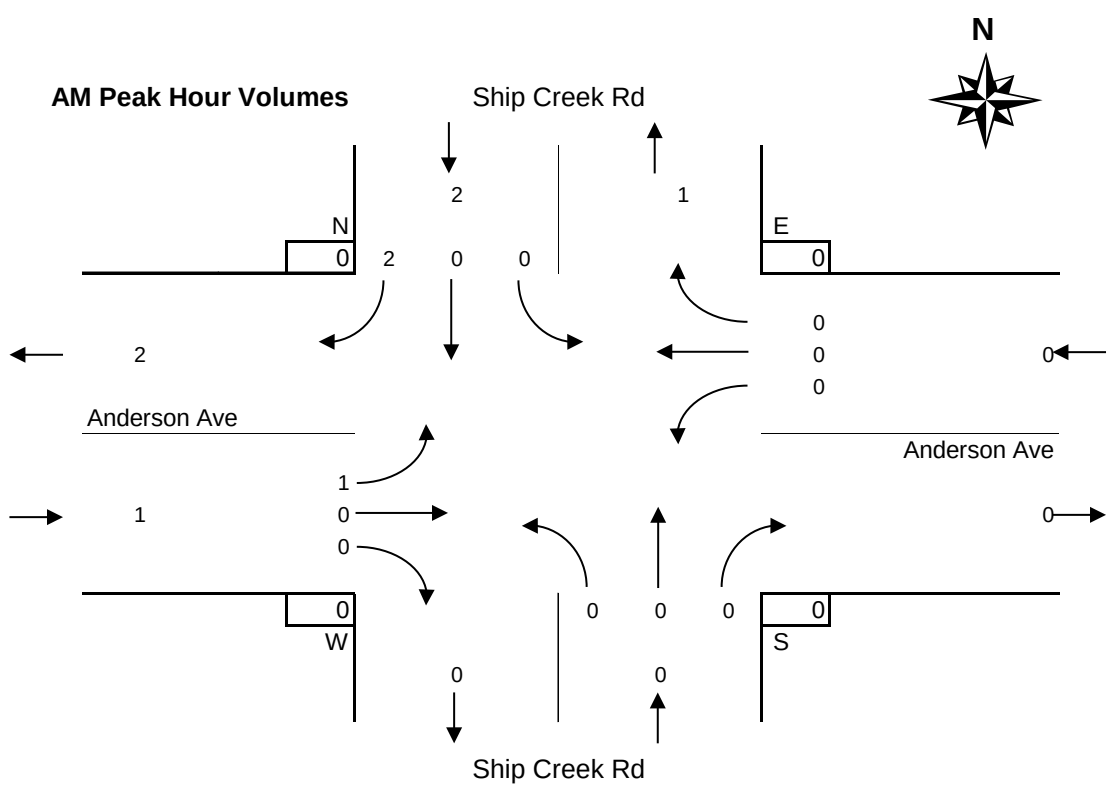
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	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	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	3	+	0	0	0	0	2	3
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	2
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	2
8:30	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	3	*	0	0	0	0	1	3
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2		0	0	0	0	2	2
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
Total	1	0	2	**3**	0	0	0	**0**	1	0	0	**1**	0	0	2	**2**	6			0	0	0	0		5
Avg Hr	0	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1			0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	2	2	0	0	0	0	1	0	0	1	0	0	0	0	3	*		0	0	0	0		3
15x4	0	0	8	8	0	0	0	0	4	0	0	4	0	0	0	0	8	+		0	0	0	0		12
PHF	n/a	n/a	0.25	**0.25**	n/a	n/a	n/a	**n/a**	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.38			n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	2	2	0	0	0	0	1	0	0	1	0	0	0	0	3	*		0	0	0	0		3
15x4	0	0	8	8	0	0	0	0	4	0	0	4	0	0	0	0	8	+		0	0	0	0		12
PHF	n/a	n/a	0.25	**0.25**	n/a	n/a	n/a	**n/a**	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.38			n/a	n/a	n/a	n/a		0.25



MD Peak Period
Buses

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:45	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	2	2	*	0	0	0	0	2	2
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	0	1	**2**	0	0	0	**0**	2	0	0	**2**	0	0	0	**0**	4			0	0	0	0		3
Avg Hr	0	0	0	**1**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	1			0	0	0	0		

Peak hour of the intersection

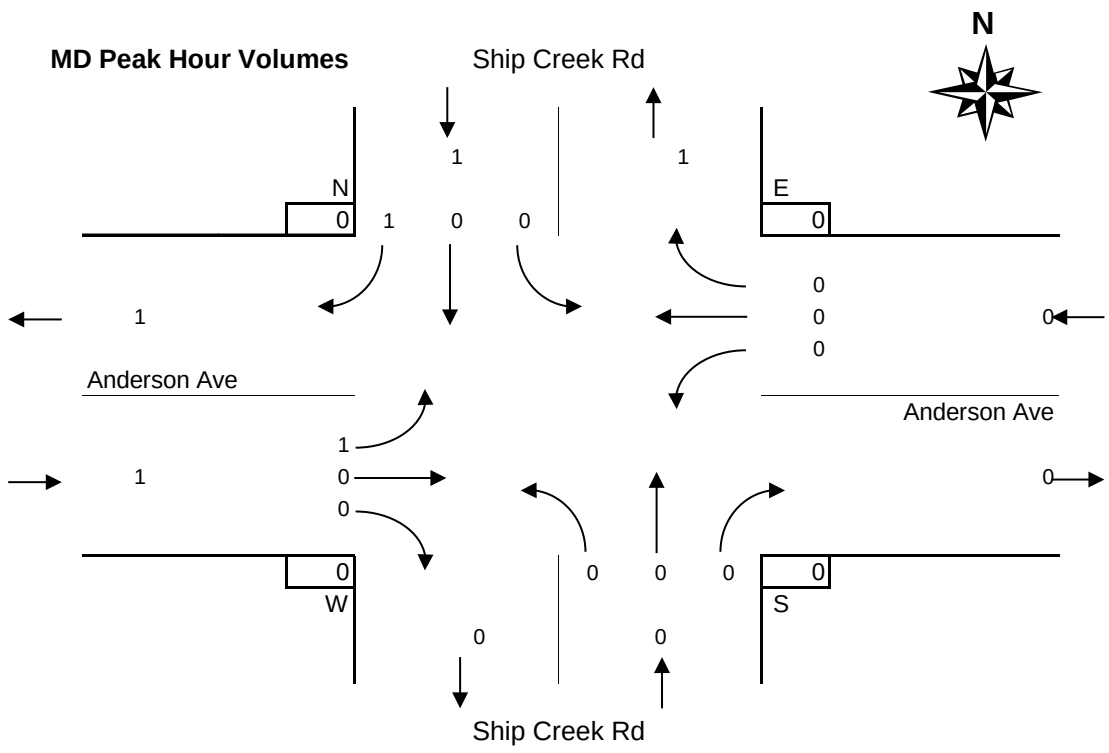
Pk Hr	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	2	*		0	0	0	0		2
15x4	0	0	4	4	0	0	0	0	4	0	0	4	0	0	0	0	8	+		0	0	0	0		8
PHF	n/a	n/a	0.25	**0.25**	n/a	n/a	n/a	**n/a**	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.25			n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
Buses

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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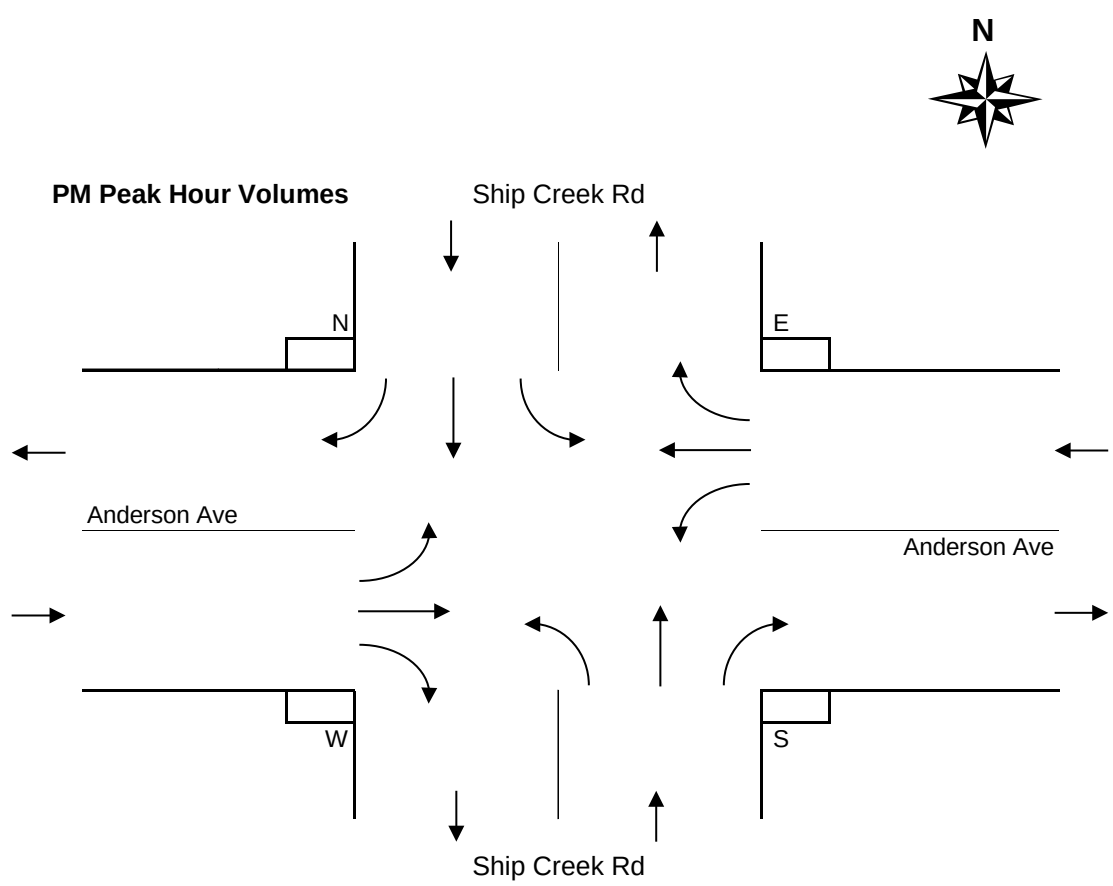
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Buses

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	2	0	3	**5**	0	0	0	**0**	3	0	0	**3**	0	0	2	**2**	10	0	0	0	0
Avg Hr	0	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	0	0

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	1	0	2	**3**	0	0	0	**0**	1	0	0	**1**	0	0	2	**2**	6	0	0	0	0
Avg Hr	0	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	0	0

MD Peak Period

3 Hours

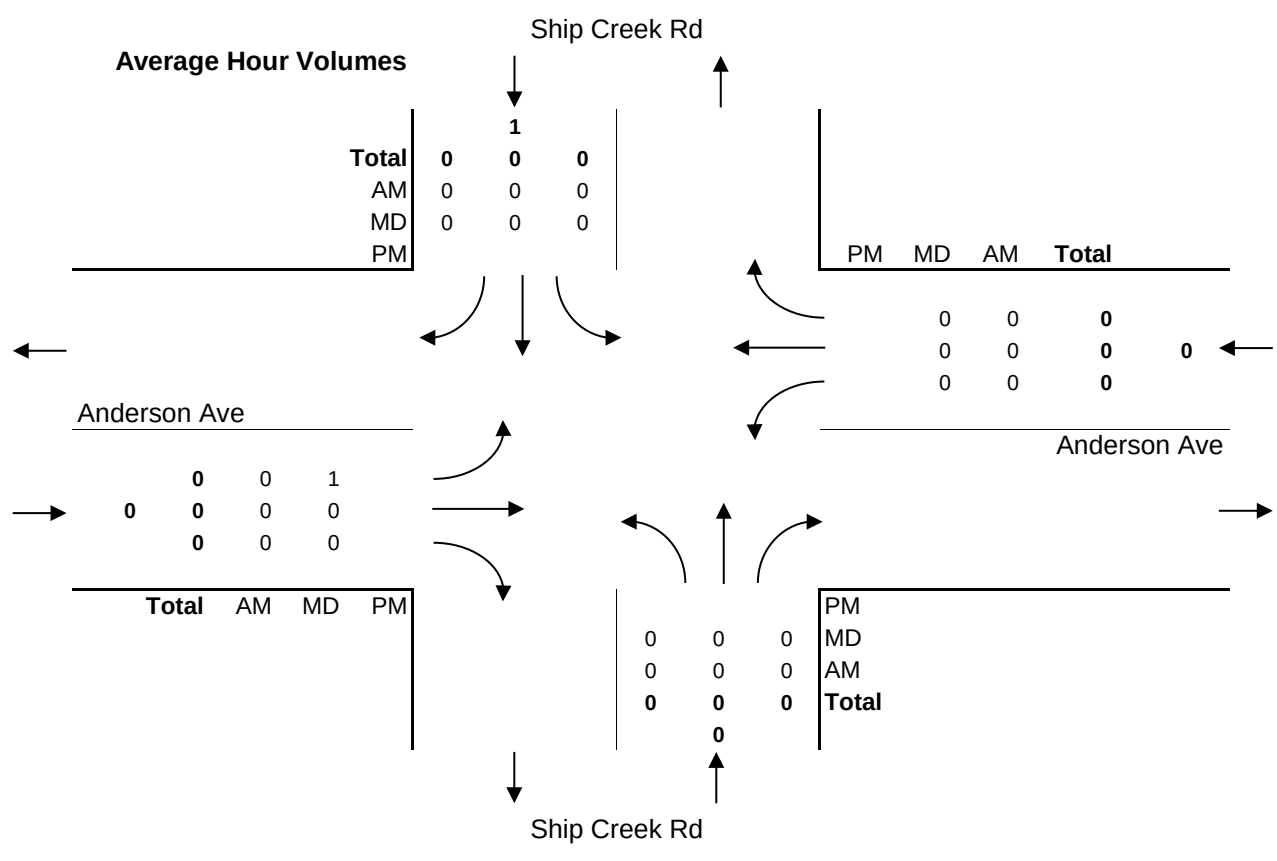
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	0	1	**2**	0	0	0	**0**	2	0	0	**2**	0	0	0	**0**	4	0	0	0	0
Avg Hr	0	0	0	**1**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	1	0	0	0	0

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	1	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	*	0	0	0	0
8:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	3		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	1	1	0	**2**	0	0	0	**0**	**2**	4		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
10:00	0	0	2	**2**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**3**	5		0	0	0	0
10:15	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	4		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
10:45	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	5		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	3		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**1**	3		0	0	0	0
11:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	3		0	0	0	0
Total	2	0	4	**6**	0	0	0	**0**	2	2	0	**4**	0	2	2	**4**	**14**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**1**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**			0	0	0	0
12:30	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	5		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	0	1	**1**	**2**	2		0	0	0	0
14:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	3	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	4	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	1	0	1	**2**	0	0	0	**0**	2	3	0	**5**	0	1	1	**2**	**9**			0	0	0	0
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

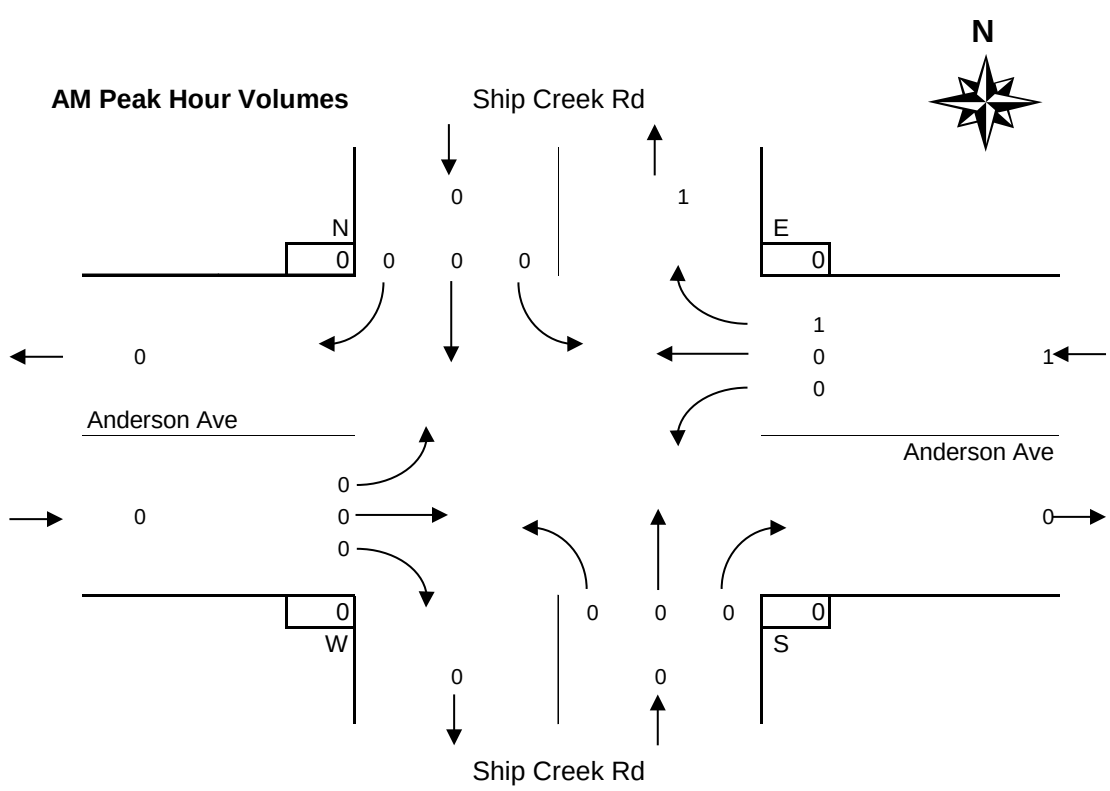
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0	0	1
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	*	0	0	0	0	1	1
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
8:45	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	3		0	0	0	0	2	3
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
9:15	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	2	4		0	0	0	0	1	3
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	1
10:00	0	0	2	2	0	0	0	0	0	1	0	1	0	0	0	0	3	5		0	0	0	0	3	4
10:15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4		0	0	0	0	1	4
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	4
10:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	5
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3		0	0	0	0	1	3
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
11:30	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	3		0	0	0	0	1	3
11:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
Total	2	0	4	**6**	0	0	0	**0**	2	2	0	**4**	0	2	2	**4**	14			0	0	0	0		10
Avg Hr	0	0	1	**1**	0	0	0	**0**	0	0	0	**1**	0	0	0	**1**	3			0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



MD Peak Period
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2			0	0	0	0	2	
12:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	5		0	0	0	0	1	5
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	4
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
13:45	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	2	2		0	0	0	0	2	2
14:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	*	0	0	0	0	1	3
14:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	4	+	0	0	0	0	1	4
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	*	0	0	0	0	0	4
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	*	0	0	0	0	0	2
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	0	1	**2**	0	0	0	**0**	2	3	0	**5**	0	1	1	**2**	9			0	0	0	0		5
Avg Hr	0	0	0	**1**	0	0	0	**0**	1	1	0	**2**	0	0	0	**1**	3			0	0	0	0		

Peak hour of the intersection

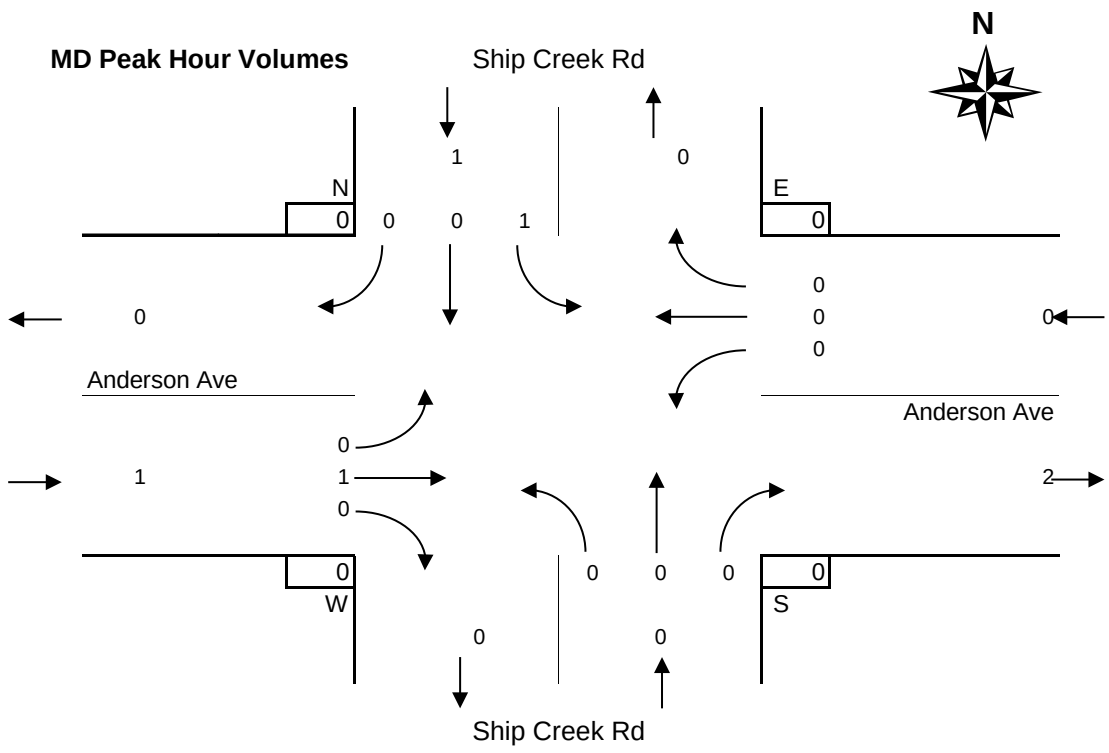
Pk Hr	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	*		0	0	0	0		2
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	0	0	0	4	+		0	0	0	0		8
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	n/a	0.25	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.50			n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
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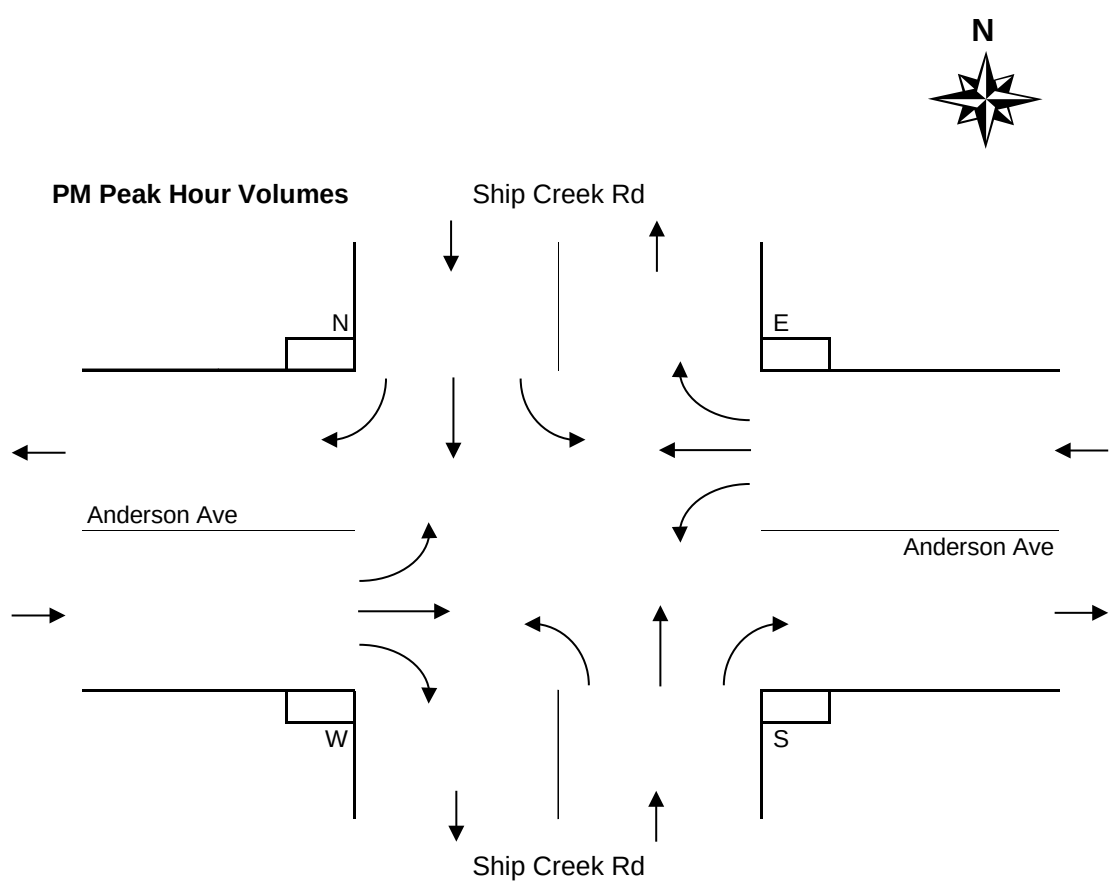
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period
8 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	3	0	5	**8**	0	0	0	**0**	4	5	0	**9**	0	3	3	**6**	23	0	0	0	0
Avg Hr	0	0	1	**1**	0	0	0	**0**	1	1	0	**1**	0	0	0	**1**	3	0	0	0	0

AM Peak Period
5 Hours

Totals	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	2	0	4	**6**	0	0	0	**0**	2	2	0	**4**	0	2	2	**4**	14	0	0	0	0
Avg Hr	0	0	1	**1**	0	0	0	**0**	0	0	0	**1**	0	0	0	**1**	3	0	0	0	0

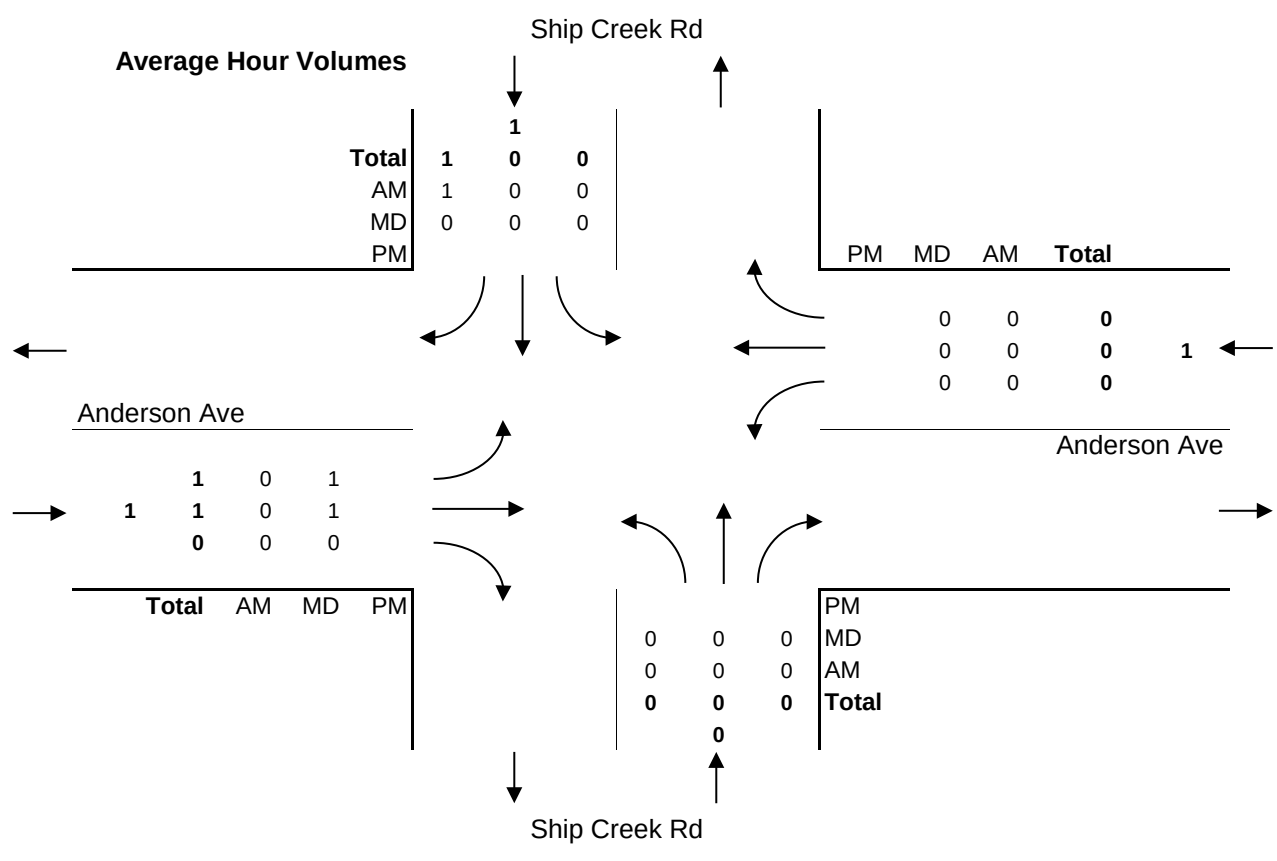
MD Peak Period
3 Hours

Totals	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	1	0	1	**2**	0	0	0	**0**	2	3	0	**5**	0	1	1	**2**	9	0	0	0	0
Avg Hr	0	0	0	**1**	0	0	0	**0**	1	1	0	**2**	0	0	0	**1**	3	0	0	0	0

PM Peak Period
Hours

Totals	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	1		0	0	0	0
9:15	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	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	2		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	1		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	2		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	3		0	0	0	0
Total	0	0	1	**1**	0	0	0	**0**	0	2	0	**2**	0	1	1	**2**	**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
12:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
14:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	1	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	*	0	0	0	0
14:45	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**2**	3	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	1	0	1	**2**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**3**			0	0	0	0
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Cube Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

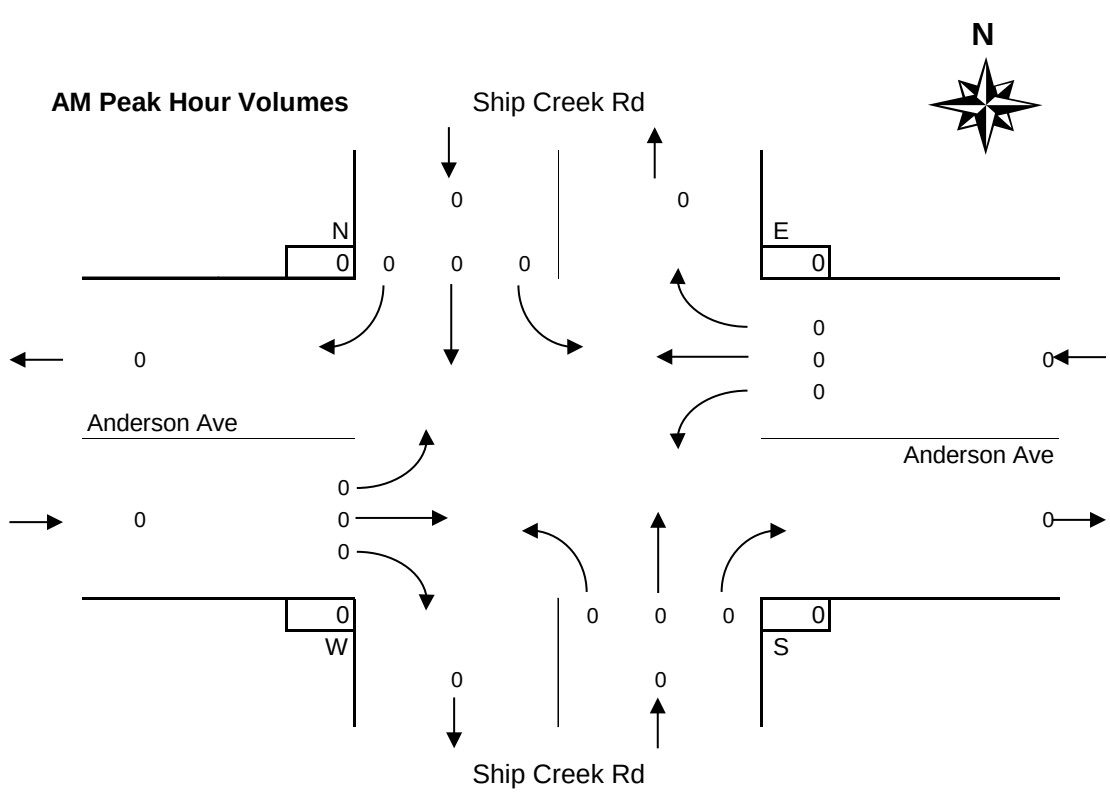
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1		0	0	0	0	1	1
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
9:30	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1		0	0	0	0	1	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
11:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2		0	0	0	0	1	2
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3		0	0	0	0	1	3
Total	0	0	1	**1**	0	0	0	**0**	0	2	0	**2**	0	1	1	**2**	5			0	0	0	0		3
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1			0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



MD Peak Period
Cube Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	*	0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0	0	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
14:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2	3	*	0	0	0	0	2	3
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	0	1	**2**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	3			0	0	0	0		2
Avg Hr	0	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1			0	0	0	0		

Peak hour of the intersection

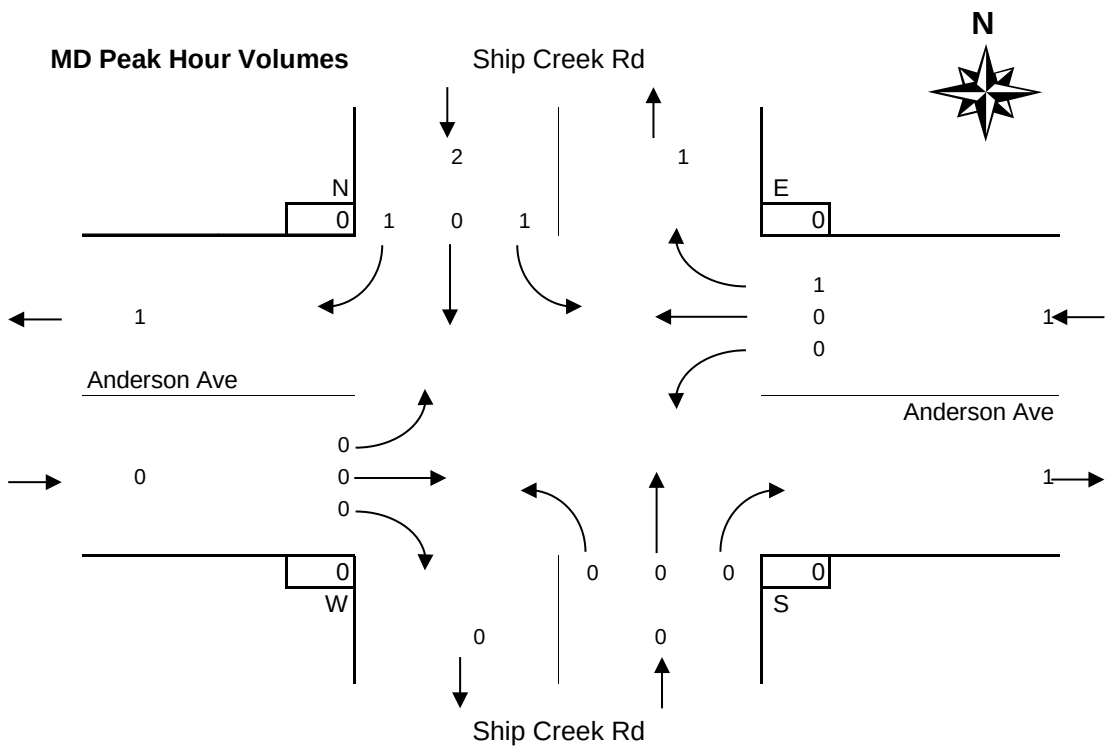
Pk Hr	1	0	1	2	0	0	0	0	0	0	0	0	0	0	1	1	3	*		0	0	0	0		2
15x4	4	0	4	4	0	0	0	0	0	0	0	0	0	0	4	4	8	+		0	0	0	0		8
PHF	0.25	n/a	0.25	**0.50**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	0.25	**0.25**	0.38			n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
Cube Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

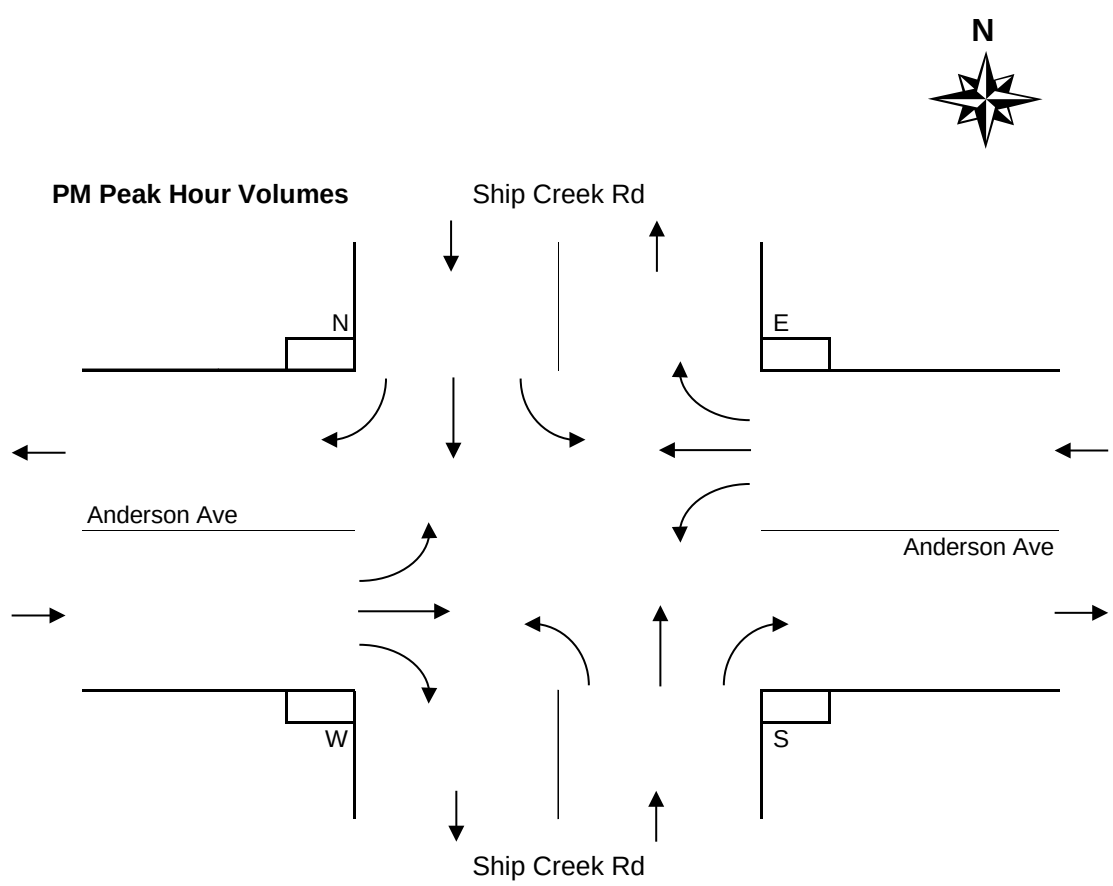
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Cube Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	0	2	**3**	0	0	0	**0**	0	2	0	**2**	0	1	2	**3**	8	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	0	0

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	0	1	**1**	0	0	0	**0**	0	2	0	**2**	0	1	1	**2**	5	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	0	0

MD Peak Period

3 Hours

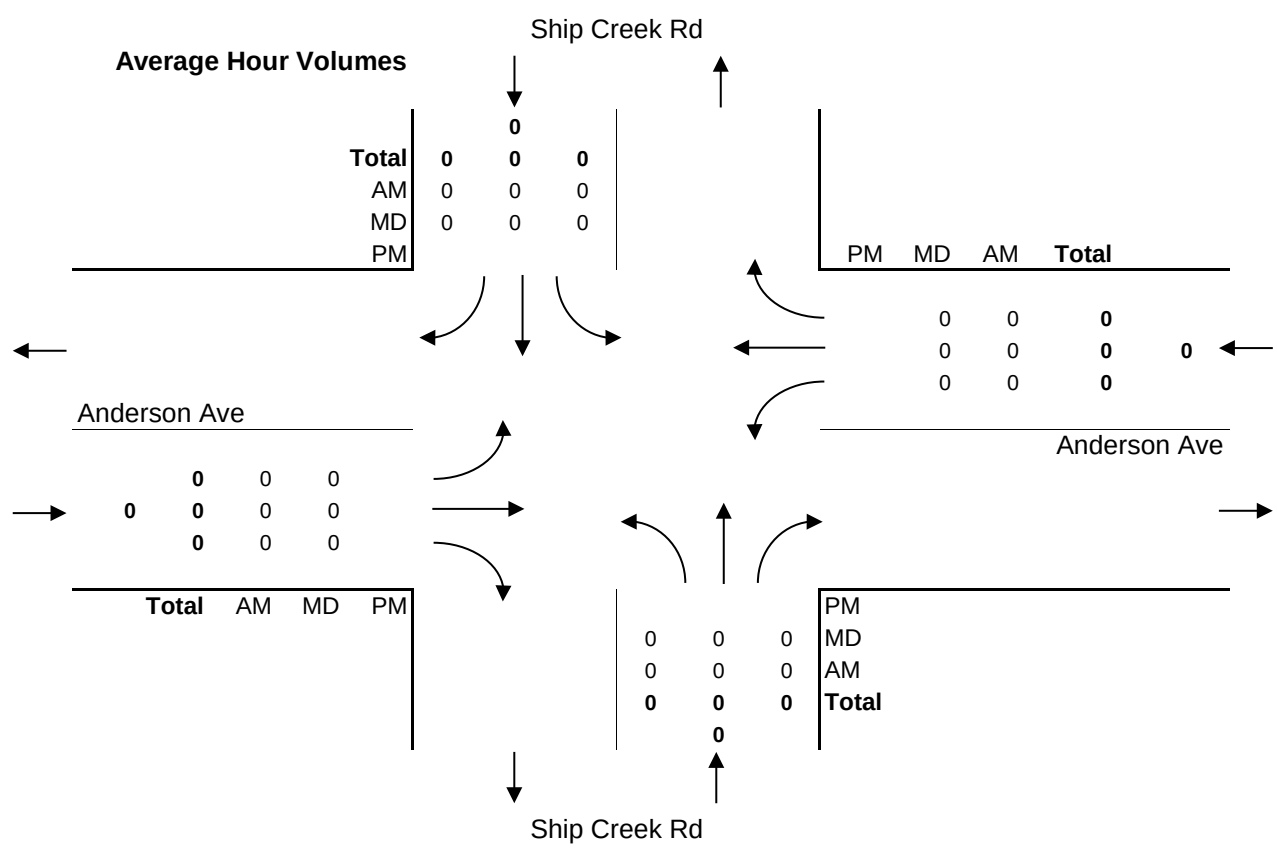
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	0	1	**2**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	3	0	0	0	0
Avg Hr	0	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	0	0

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**			0	0	0	0
7:15	2	0	0	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	**3**	8	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**2**	9	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	7	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5	*	0	0	0	0
8:45	0	0	1	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	4		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	4		0	0	0	0
9:15	0	1	0	**1**	0	1	0	**1**	0	1	0	**1**	0	0	0	**0**	**3**	7		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	8		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6		0	0	0	0
10:00	1	0	0	**1**	0	0	0	**0**	1	0	0	**1**	1	0	0	**1**	**3**	7		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**2**	5		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	3		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
11:30	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	3		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
Total	5	1	1	**7**	0	1	0	**1**	1	6	0	**7**	1	10	0	**11**	**26**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**			0	0	0	0
12:30	2	0	0	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	5		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**2**	6		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	6		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	5		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	2	0	**2**	**4**	6	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	7	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	**3**	10	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	2	0	0	**2**	0	0	0	**0**	0	6	0	**6**	0	11	0	**11**	**19**			0	0	0	0
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Dump Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

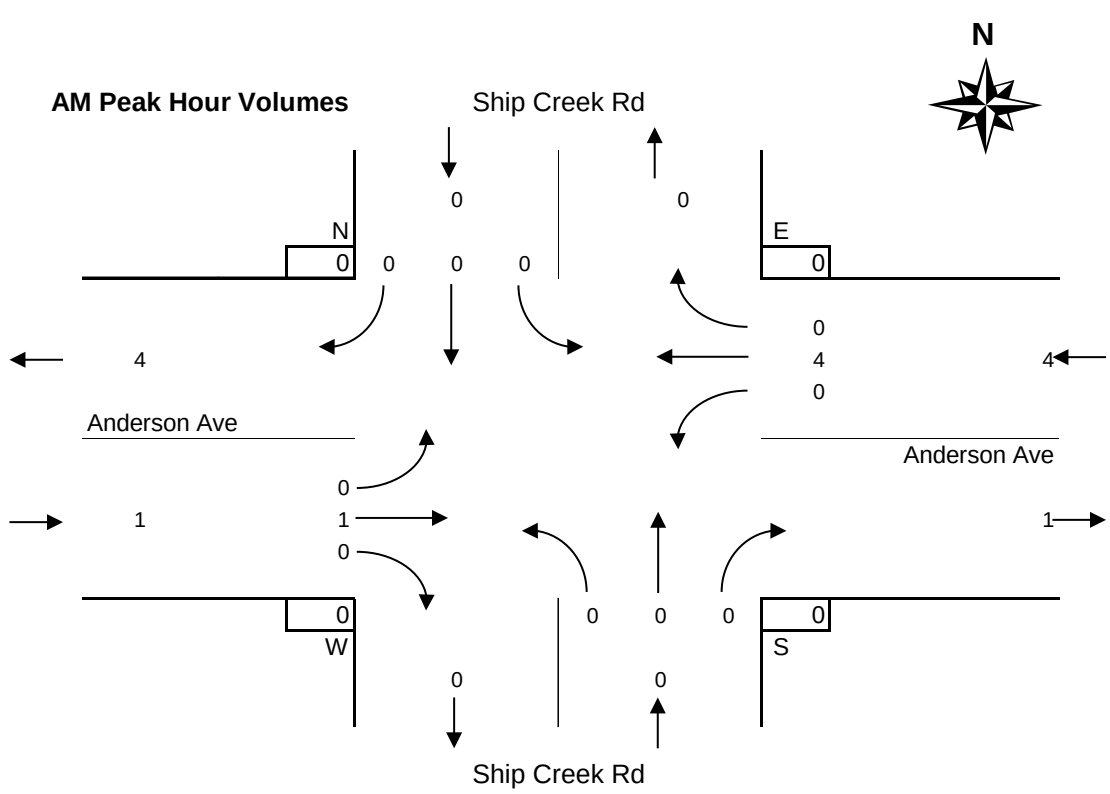
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
7:15	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
7:30	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2			0	0	0	0	1	
7:45	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3	8	+	0	0	0	0	2	6
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	9	*	0	0	0	0	2	7
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	*	0	0	0	0	0	5
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	*	0	0	0	0	0	4
8:45	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2	4		0	0	0	0	2	4
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	4		0	0	0	0	1	3
9:15	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3	7		0	0	0	0	2	5
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	8		0	0	0	0	1	6
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	4
10:00	1	0	0	1	0	0	0	0	1	0	0	1	1	0	0	1	3	7		0	0	0	0	2	5
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	5		0	0	0	0	2	4
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	4
11:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	3		0	0	0	0	1	3
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
11:30	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	3		0	0	0	0	2	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
Total	5	1	1	**7**	0	1	0	**1**	1	6	0	**7**	1	10	0	**11**	26			0	0	0	0		17
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	5			0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



MD Peak Period
Dump Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
12:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1			0	0	0	0	1	
12:30	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
12:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	5		0	0	0	0	1	5
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	6		0	0	0	0	2	6
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	6		0	0	0	0	1	6
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5		0	0	0	0	1	5
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	4
14:00	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4	6	*	0	0	0	0	2	4
14:15	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	7	+	0	0	0	0	1	4
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7	*	0	0	0	0	1	4
14:45	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3	10	*	0	0	0	0	2	6
n/a																									
n/a																									
n/a																									
n/a																									
Total	2	0	0	**2**	0	0	0	**0**	0	6	0	**6**	0	11	0	**11**	19			0	0	0	0		13
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	2	0	**2**	0	4	0	**4**	6			0	0	0	0		

Peak hour of the intersection

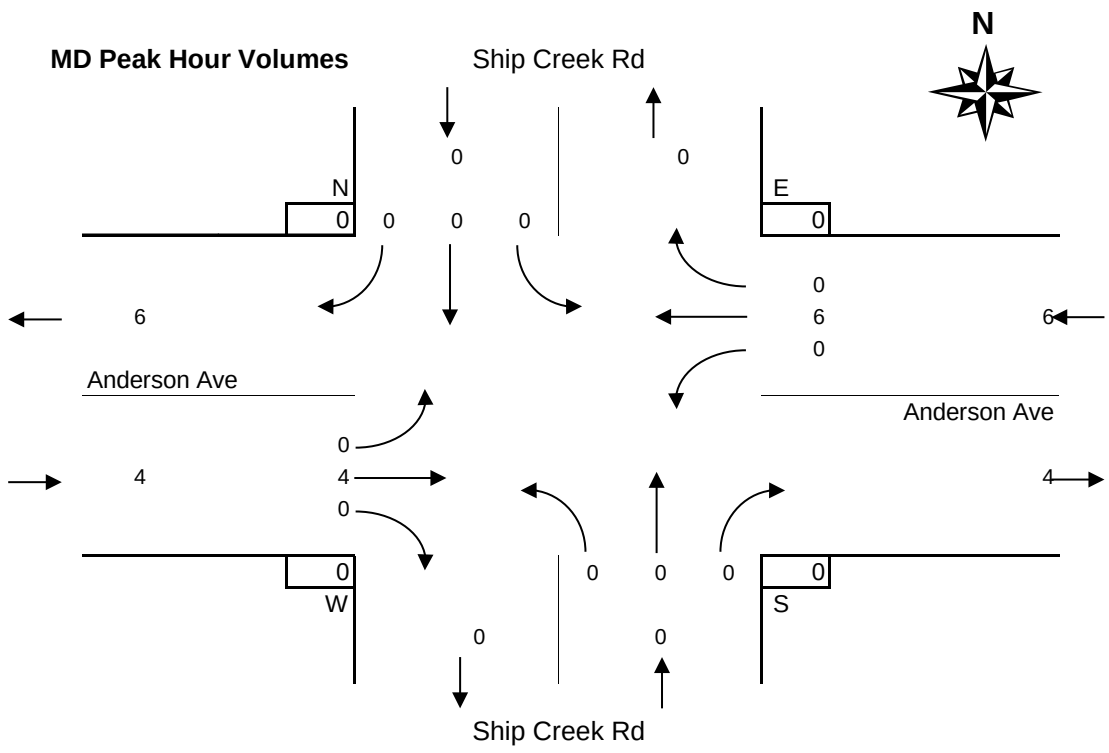
Pk Hr	0	0	0	0	0	0	0	0	0	4	0	4	0	6	0	6	10	*		0	0	0	0		6
15x4	0	0	0	0	0	0	0	0	0	8	0	8	0	8	0	8	16	+		0	0	0	0		8
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.75	n/a	**0.75**	0.63			n/a	n/a	n/a	n/a		0.75

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	4	0	4	0	6	0	6	10	*		0	0	0	0		6
15x4	0	0	0	0	0	0	0	0	0	8	0	8	0	8	0	8	16	+		0	0	0	0		8
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.75	n/a	**0.75**	0.63			n/a	n/a	n/a	n/a		0.75

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

MD Peak Hour Volumes



PM Peak Period
Dump Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
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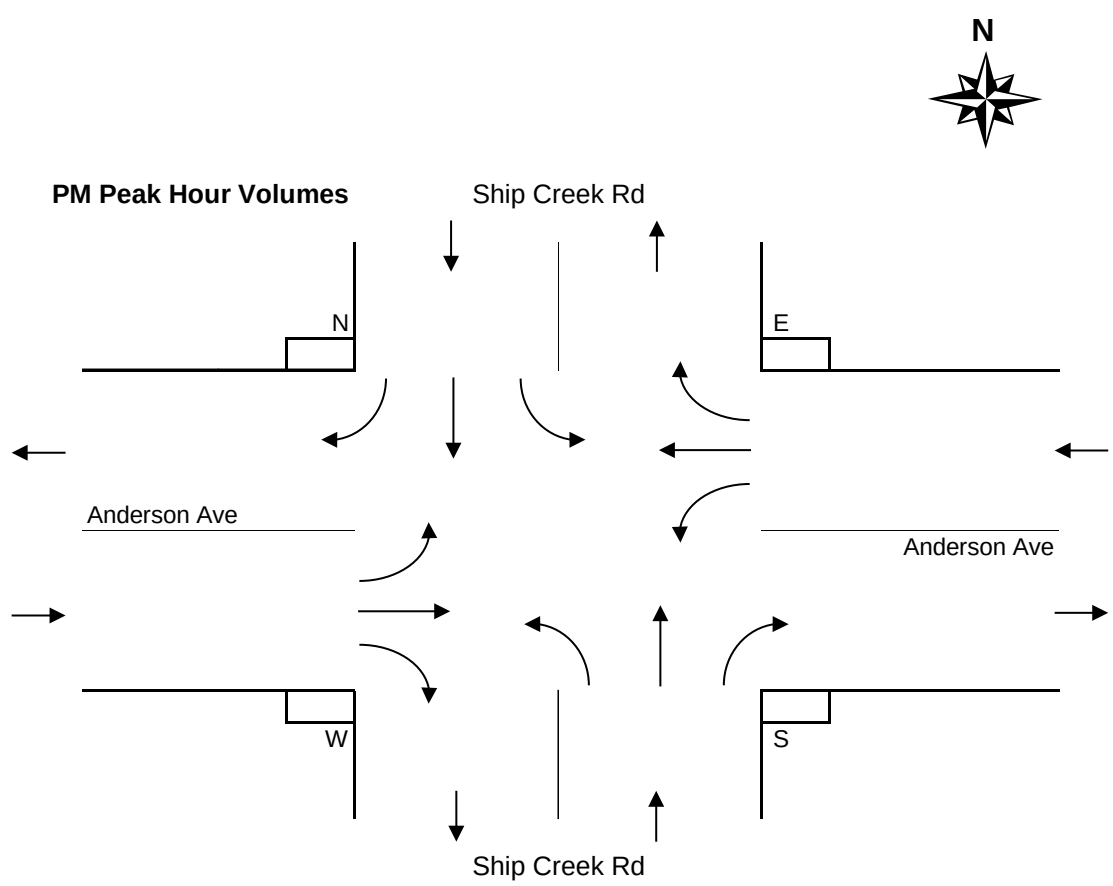
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Dump Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period
8 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	7	1	1	**9**	0	1	0	**1**	1	12	0	**13**	1	21	0	**22**	45	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	2	0	**2**	0	3	0	**3**	6	0	0	0	0

AM Peak Period
5 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	5	1	1	**7**	0	1	0	**1**	1	6	0	**7**	1	10	0	**11**	26	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	5	0	0	0	0

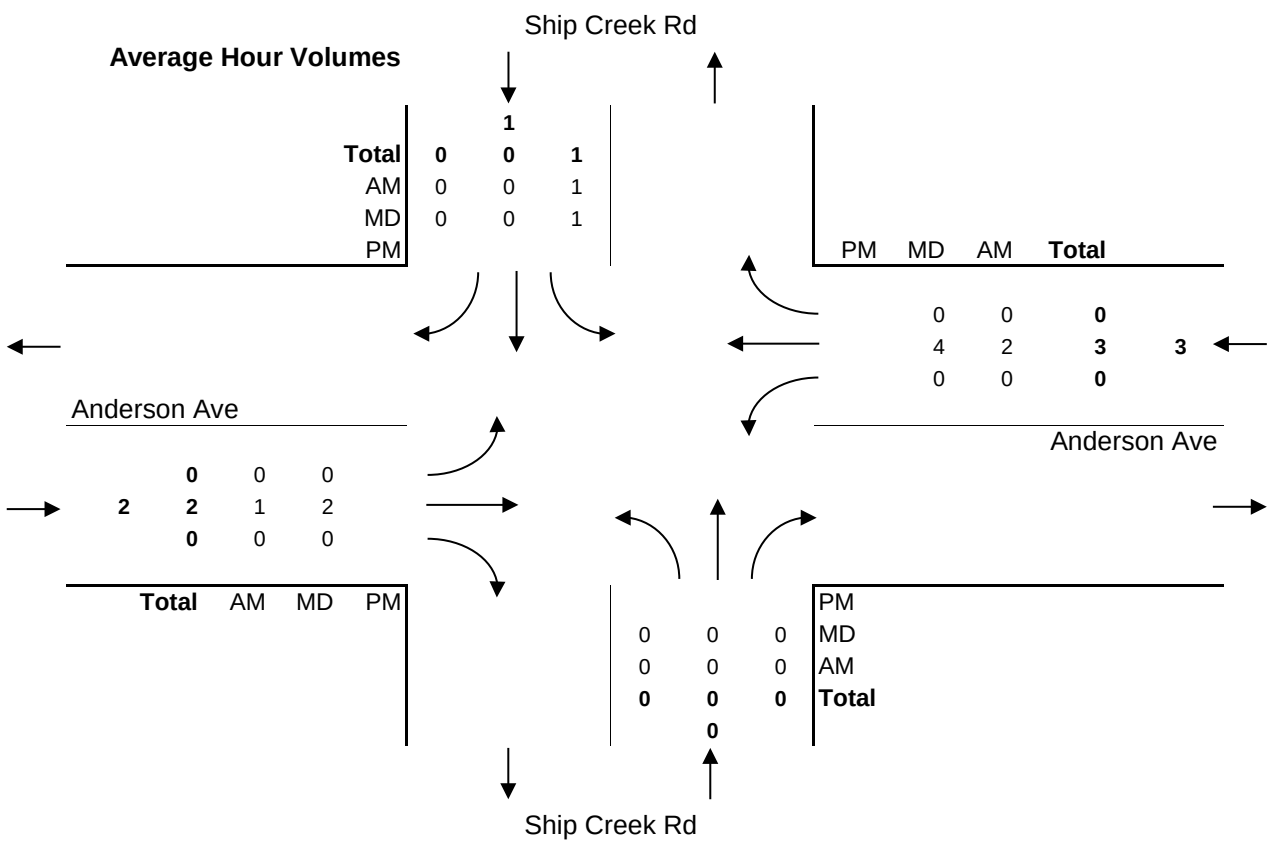
MD Peak Period
3 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	2	0	0	**2**	0	0	0	**0**	0	6	0	**6**	0	11	0	**11**	19	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	2	0	**2**	0	4	0	**4**	6	0	0	0	0

PM Peak Period
Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for Emergency Trucks

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

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

Comments:

Survey Data
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
n/a																							
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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
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Total																							

AM Peak Period
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

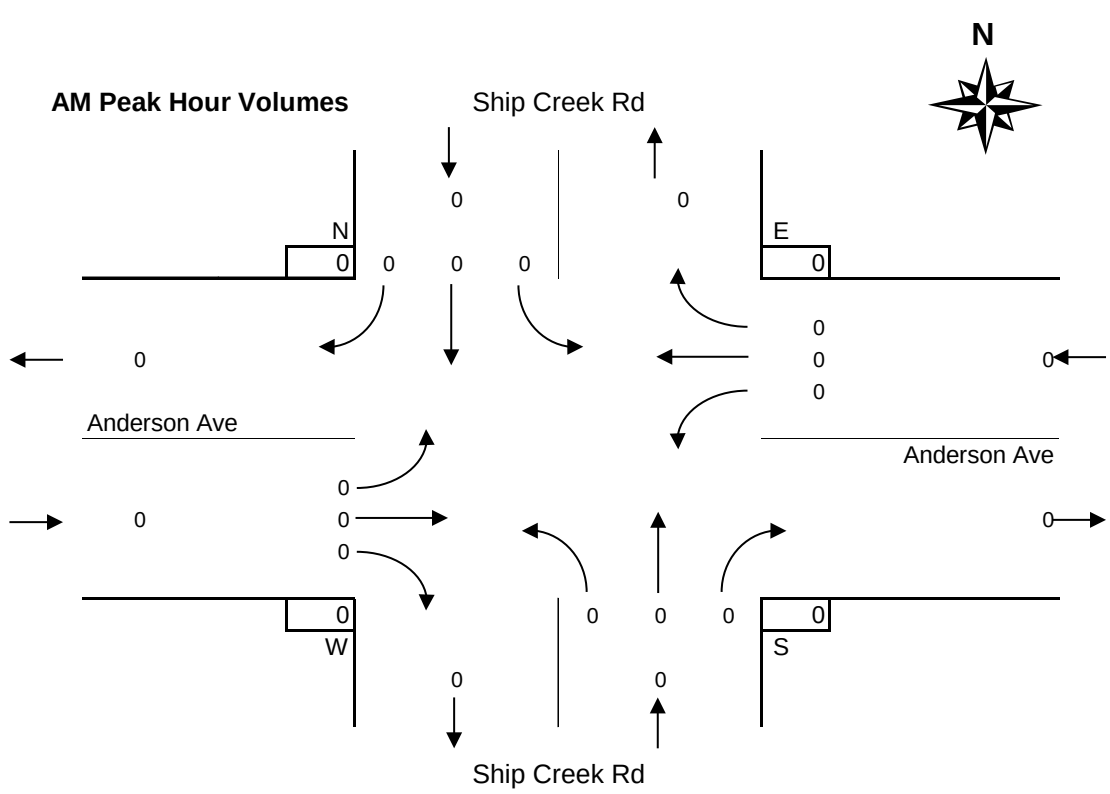
Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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

AM Peak Hour Volumes



MD Peak Period
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

Peak hour of the intersection

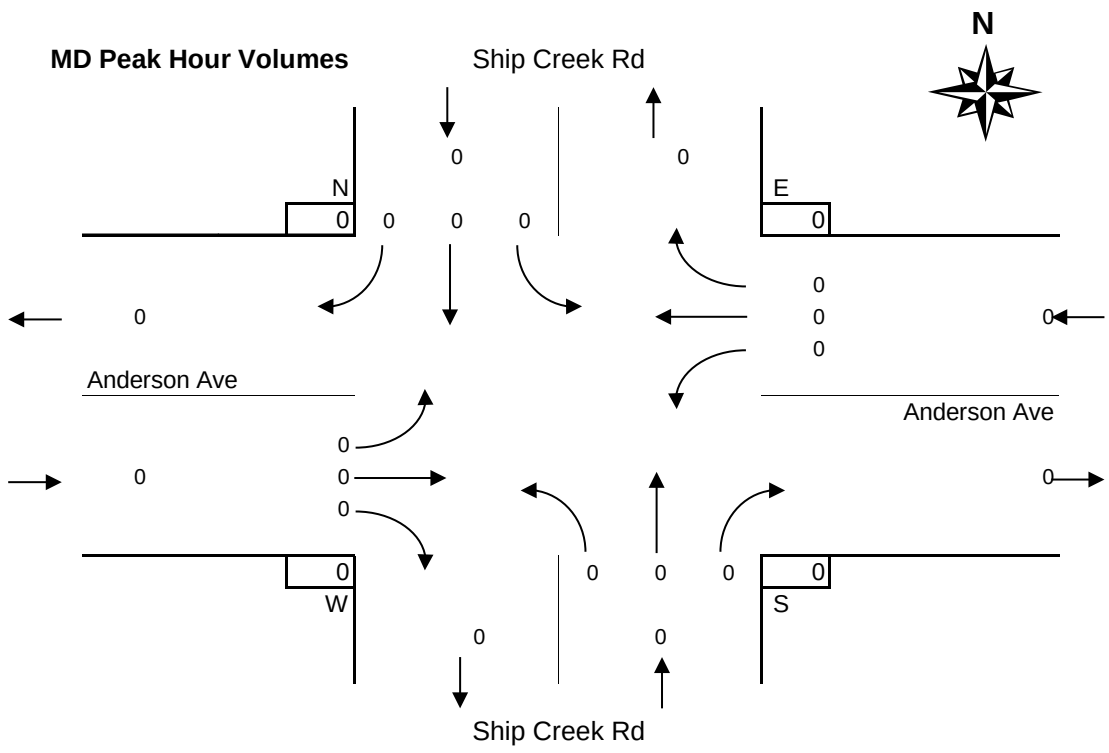
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
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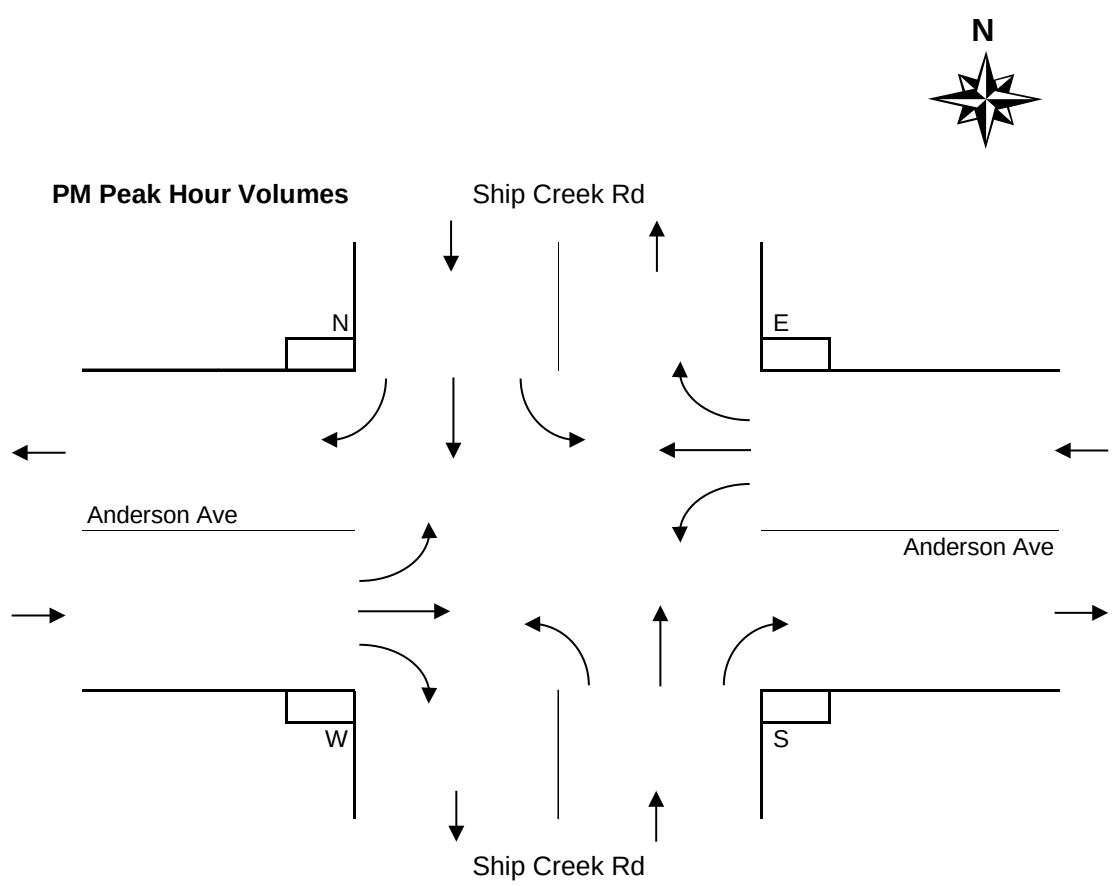
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	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

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	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

MD Peak Period

3 Hours

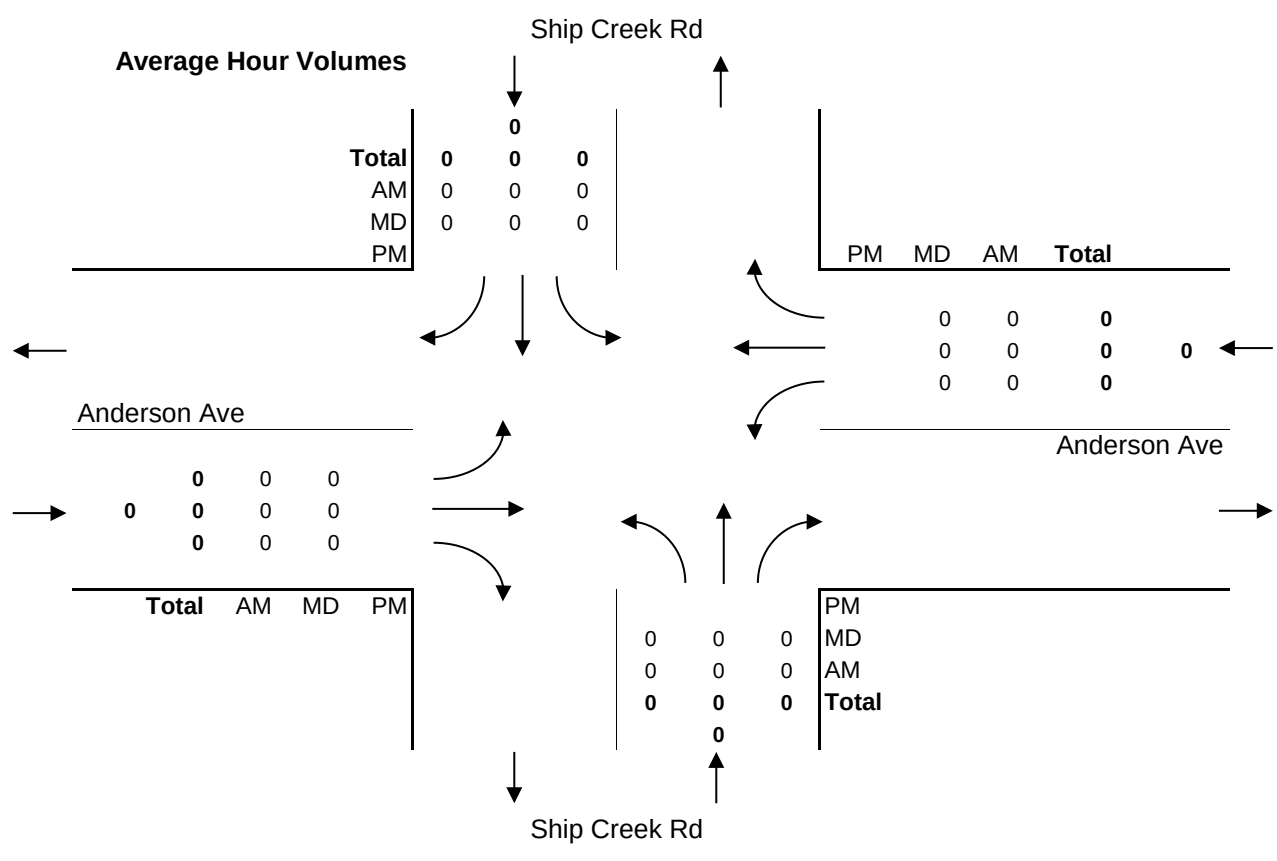
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	1		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	2		0	0	0	0
Total	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	**2**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
n/a																							
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n/a																							
n/a																							
Total																							

AM Peak Period
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

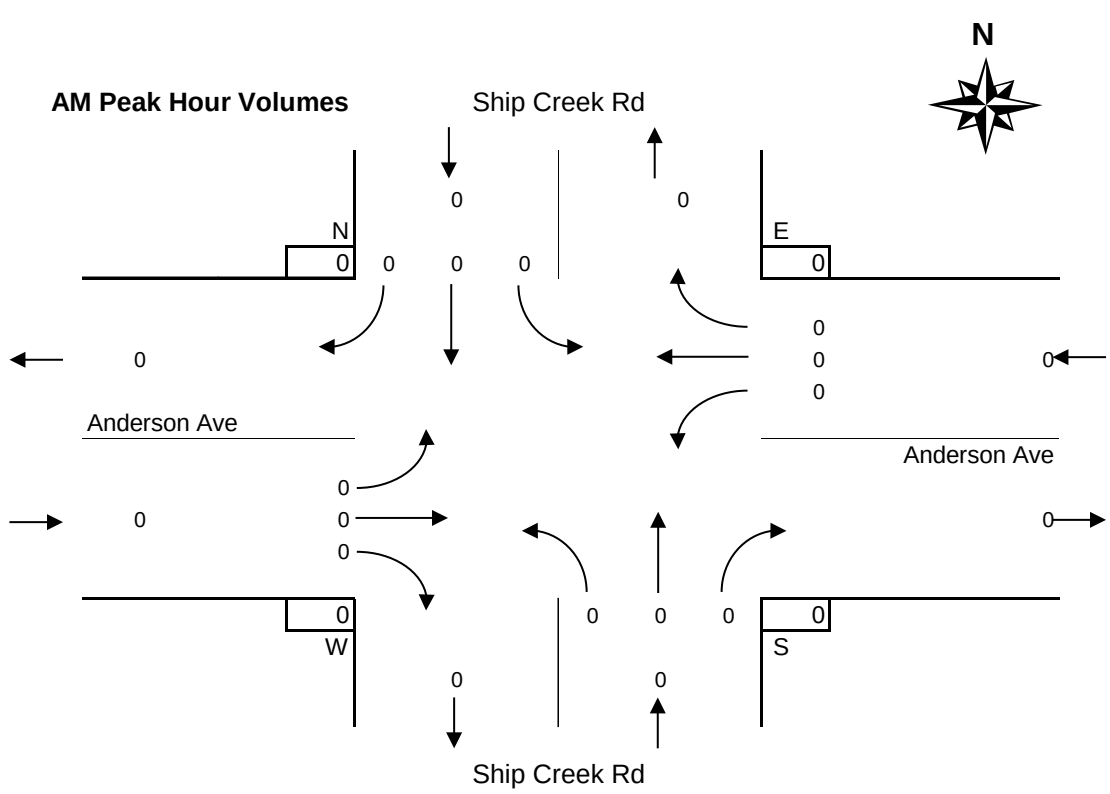
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1		0	0	0	0	1	1
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2		0	0	0	0	1	2
Total	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	2			0	0	0	0		1
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



MD Peak Period
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

Peak hour of the intersection

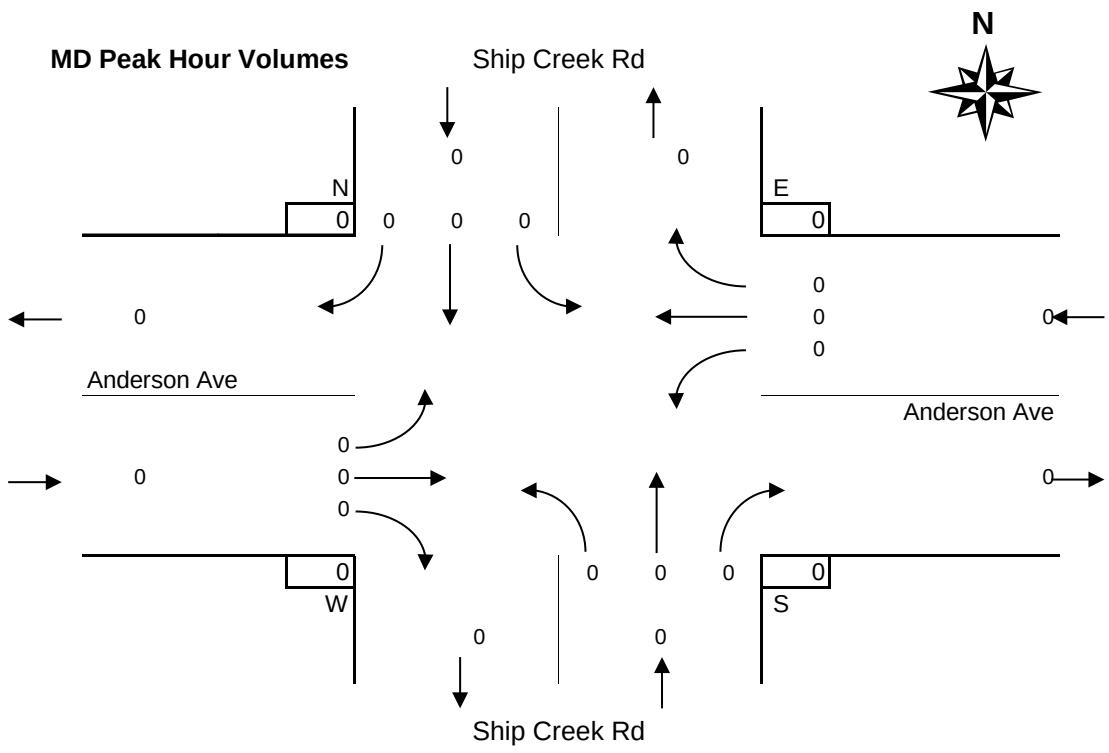
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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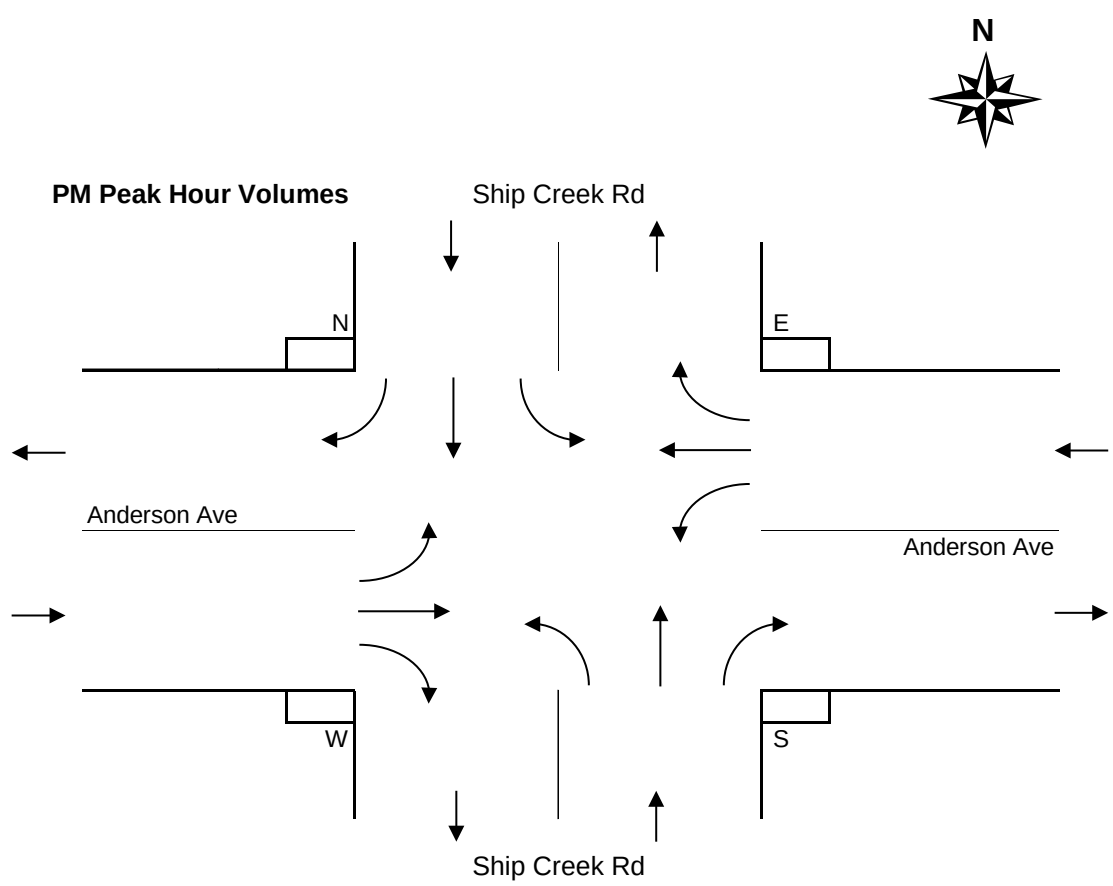
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	2	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

AM Peak Period

5 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	2	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

MD Peak Period

3 Hours

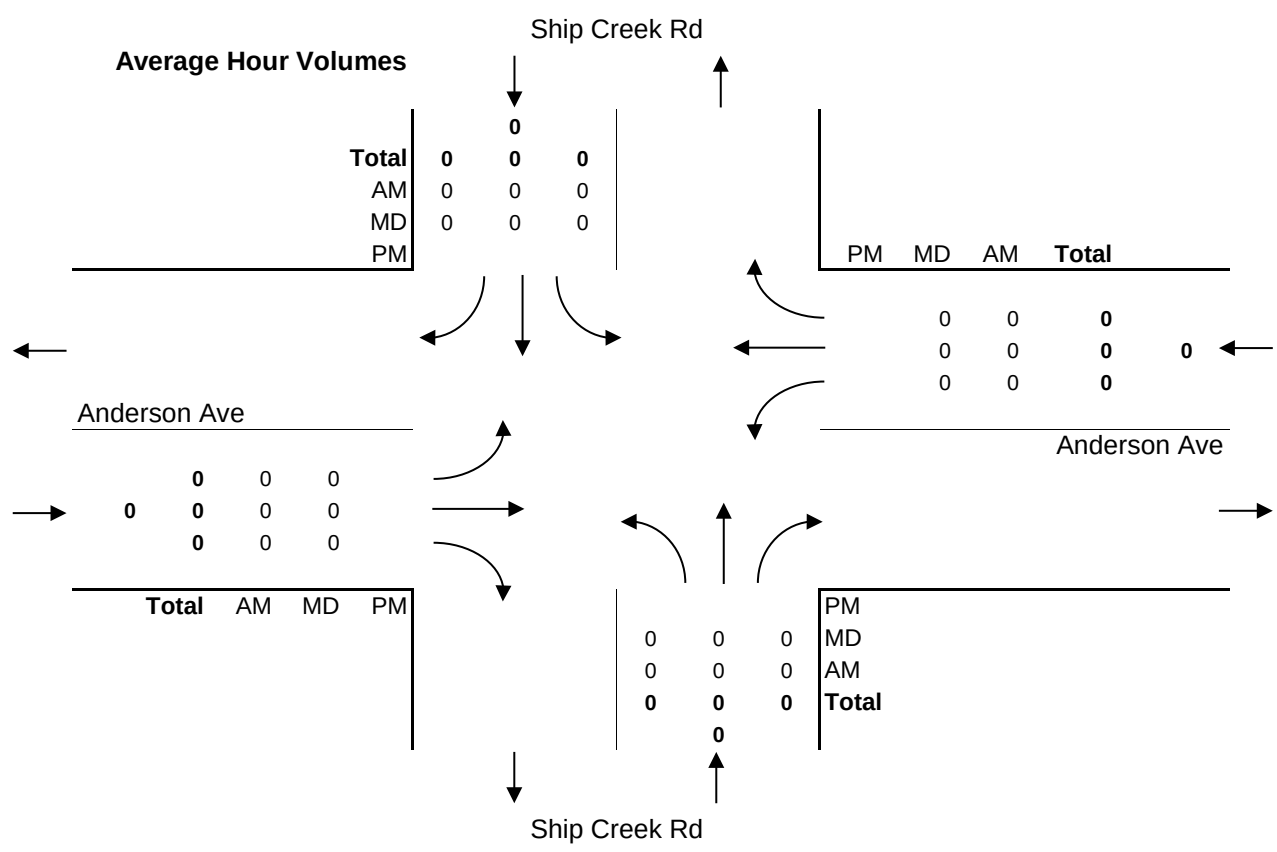
	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	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

PM Peak Period

Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:15	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**2**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	6	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	7	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	5	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	3		0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	2		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	2		0	0	0	0
10:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	3		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	5		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	5		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	5		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	4		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	4		0	0	0	0
Total	2	0	0	**2**	0	0	0	**0**	0	5	0	**5**	0	12	1	**13**	**20**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	1	2	0	**3**	0	0	0	**0**	**3**	4		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**2**	6		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	7		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	**2**	6		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	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	3	0	**3**	**3**	7	*	0	0	0	0
14:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	6	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	1	0	0	**1**	0	0	0	**0**	1	6	0	**7**	0	7	1	**8**	**16**			0	0	0	0
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
Total																							

AM Peak Period
Logging Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

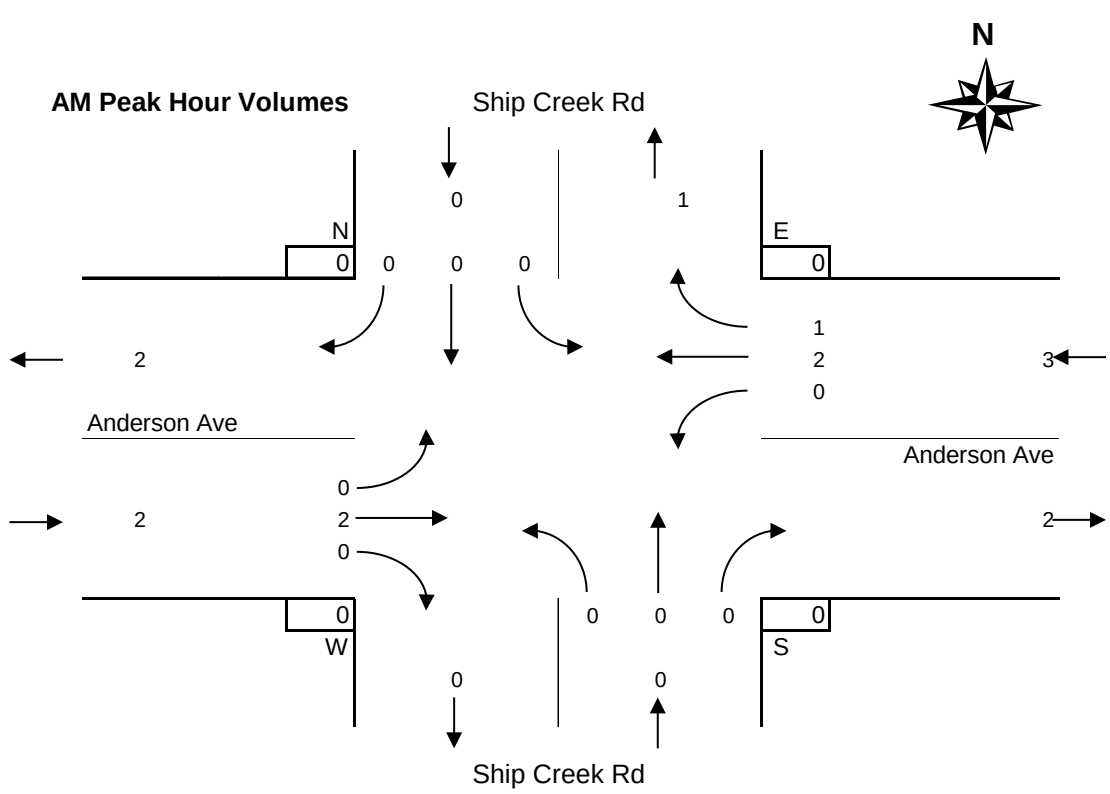
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:15	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2			0	0	0	0	2	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2			0	0	0	0	2	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	+	0	0	0	0	2	6
8:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	7	*	0	0	0	0	1	7
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	*	0	0	0	0	0	5
8:30	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	5	*	0	0	0	0	1	4
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3		0	0	0	0	1	2
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
9:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2		0	0	0	0	1	2
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		0	0	0	0	0	2
10:00	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	3		0	0	0	0	2	3
10:15	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	5		0	0	0	0	1	4
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5		0	0	0	0	1	4
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	4
11:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	5		0	0	0	0	1	3
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4		0	0	0	0	1	3
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4		0	0	0	0	1	3
Total	2	0	0	**2**	0	0	0	**0**	0	5	0	**5**	0	12	1	**13**	20			0	0	0	0		15
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**3**	4			0	0	0	0		

Peak hour of the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	2	0	2	0	2	1	3	5	*		0	0	0	0		3
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	4	4	8	8	+		0	0	0	0		8
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.50	0.25	**0.38**	0.63			n/a	n/a	n/a	n/a		0.38

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	2	0	2	0	2	1	3	5	*		0	0	0	0		3
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	4	4	8	8	+		0	0	0	0		8
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.50	0.25	**0.38**	0.63			n/a	n/a	n/a	n/a		0.38



MD Peak Period
Logging Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1			0	0	0	0	1	
12:45	0	0	0	0	0	0	0	0	1	2	0	3	0	0	0	0	3	4		0	0	0	0	2	3
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	6		0	0	0	0	2	5
13:30	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	7		0	0	0	0	1	5
13:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2	6		0	0	0	0	1	4
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7	*	0	0	0	0	1	5
14:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	6	+	0	0	0	0	1	4
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	7	*	0	0	0	0	3	6
14:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	*	0	0	0	0	1	6
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	0	0	**1**	0	0	0	**0**	1	6	0	**7**	0	7	1	**8**	16			0	0	0	0		10
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	2	0	**3**	5			0	0	0	0		

Peak hour of the intersection

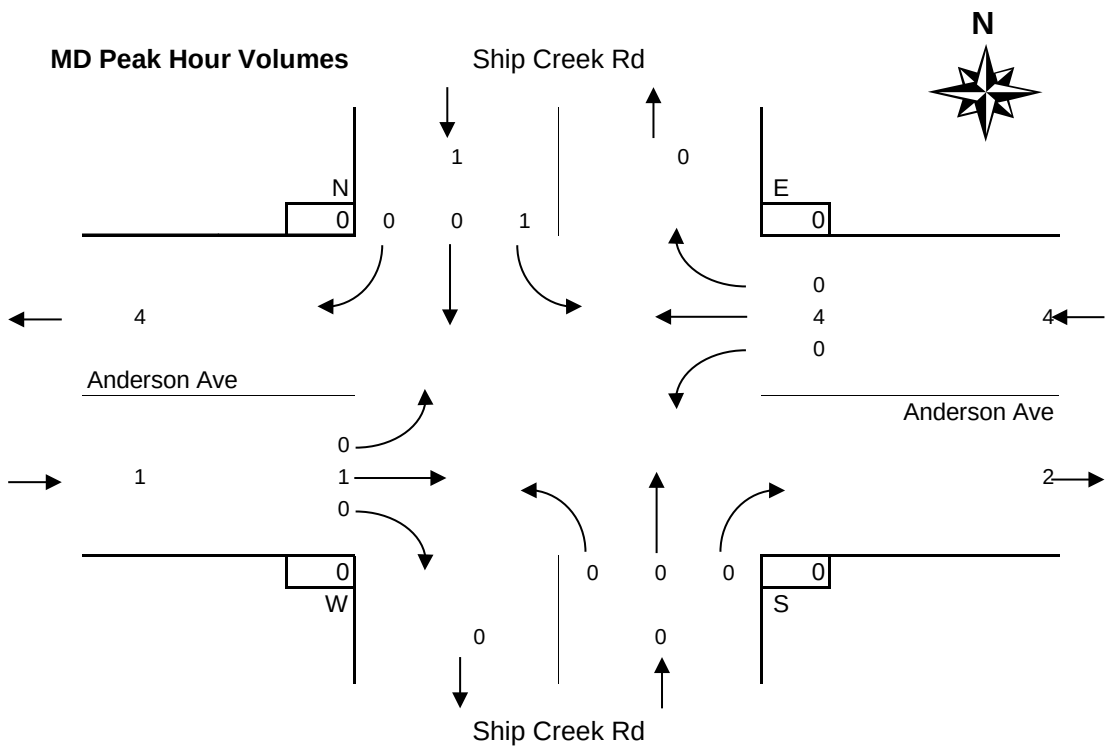
Pk Hr	1	0	0	1	0	0	0	0	0	1	0	1	0	4	0	4	6	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	12	0	12	12	+		0	0	0	0		16
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	n/a	0.25	n/a	**0.25**	n/a	0.33	n/a	**0.33**	0.50			n/a	n/a	n/a	n/a		0.31

Peak hour of conflicting volumes for the intersection

Pk Hr	1	0	0	1	0	0	0	0	0	1	0	1	0	4	0	4	6	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	12	0	12	12	+		0	0	0	0		16
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	n/a	0.25	n/a	**0.25**	n/a	0.33	n/a	**0.33**	0.50			n/a	n/a	n/a	n/a		0.31

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

MD Peak Hour Volumes



PM Peak Period
Logging Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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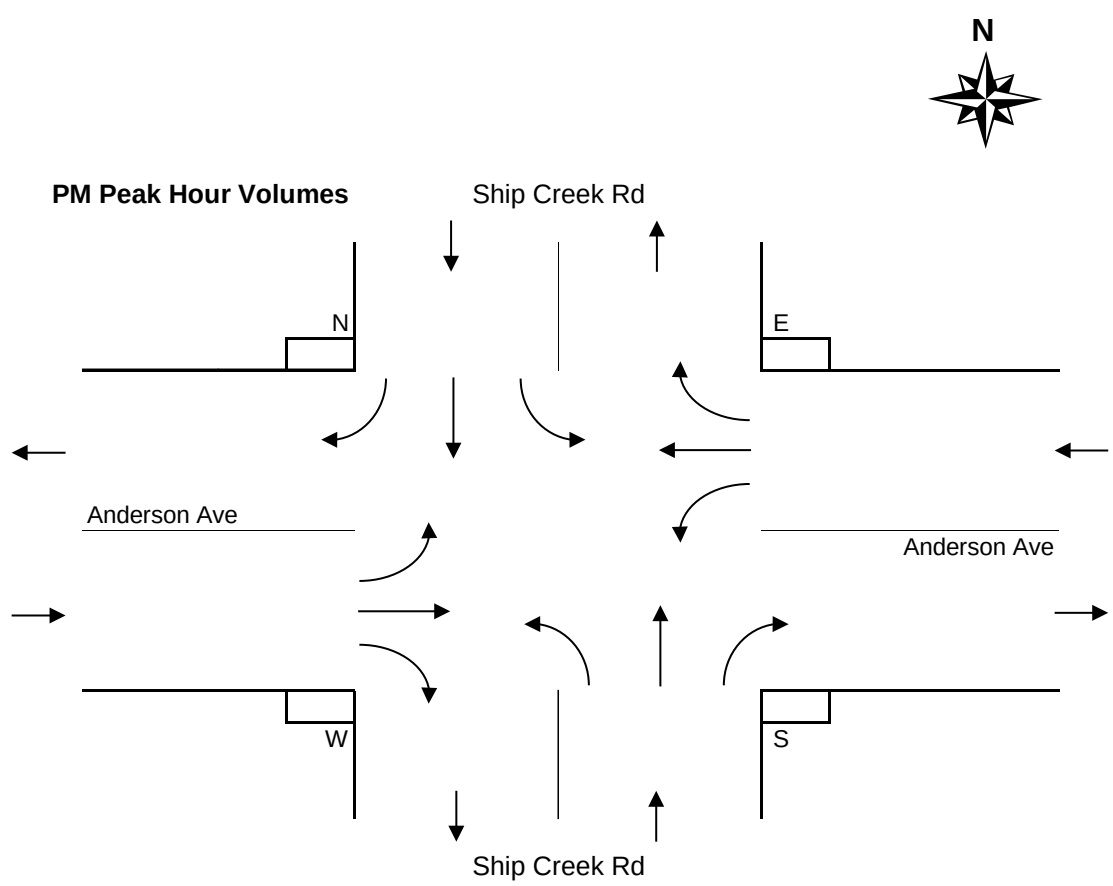
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Logging Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	3	0	0	**3**	0	0	0	**0**	1	11	0	**12**	0	19	2	**21**	36	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	1	0	**2**	0	2	0	**3**	5	0	0	0	0

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	2	0	0	**2**	0	0	0	**0**	0	5	0	**5**	0	12	1	**13**	20	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**3**	4	0	0	0	0

MD Peak Period

3 Hours

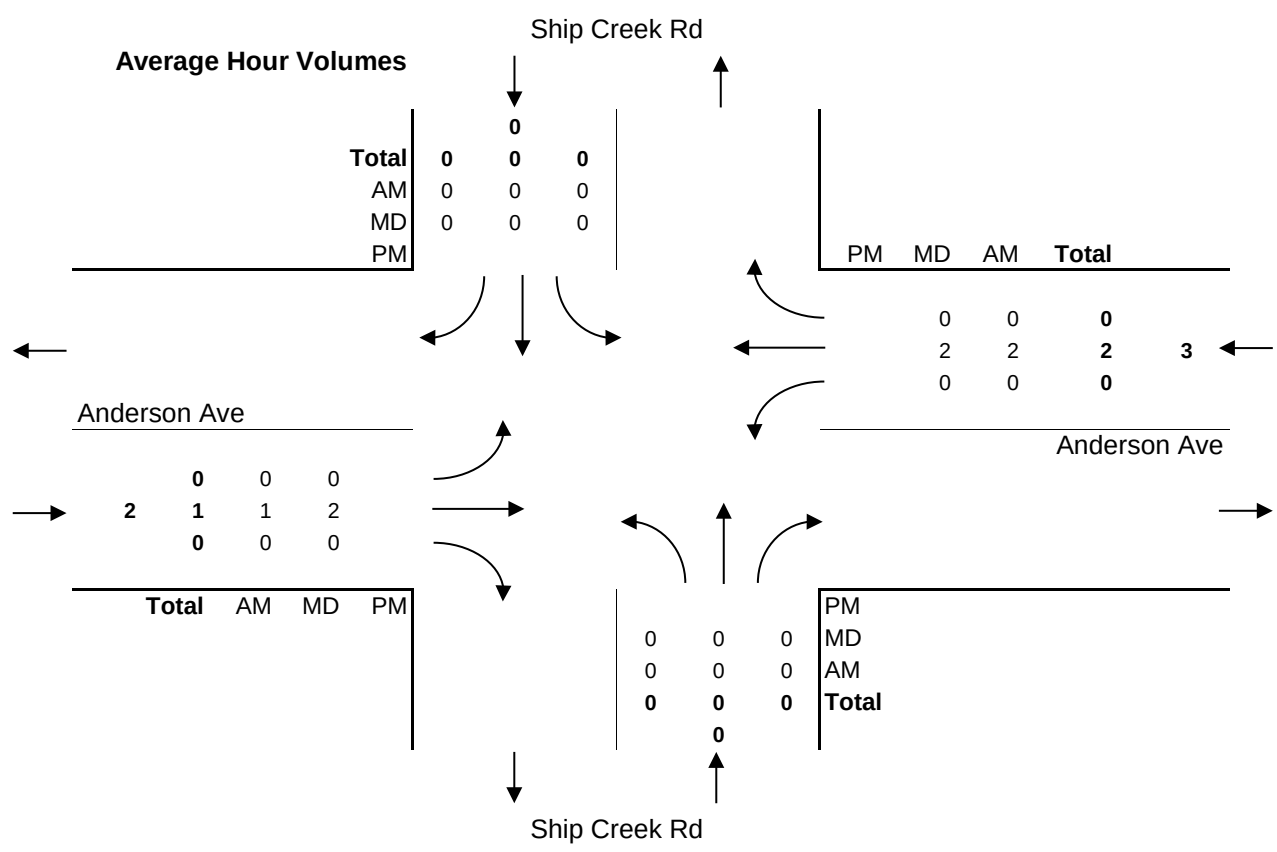
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	0	0	**1**	0	0	0	**0**	1	6	0	**7**	0	7	1	**8**	16	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	2	0	**3**	5	0	0	0	0

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for RVs

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

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

Comments:

Survey Data
RVs

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	+	0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
n/a																							
n/a																							
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n/a																							
n/a																							
Total																							

AM Peak Period
RVs

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

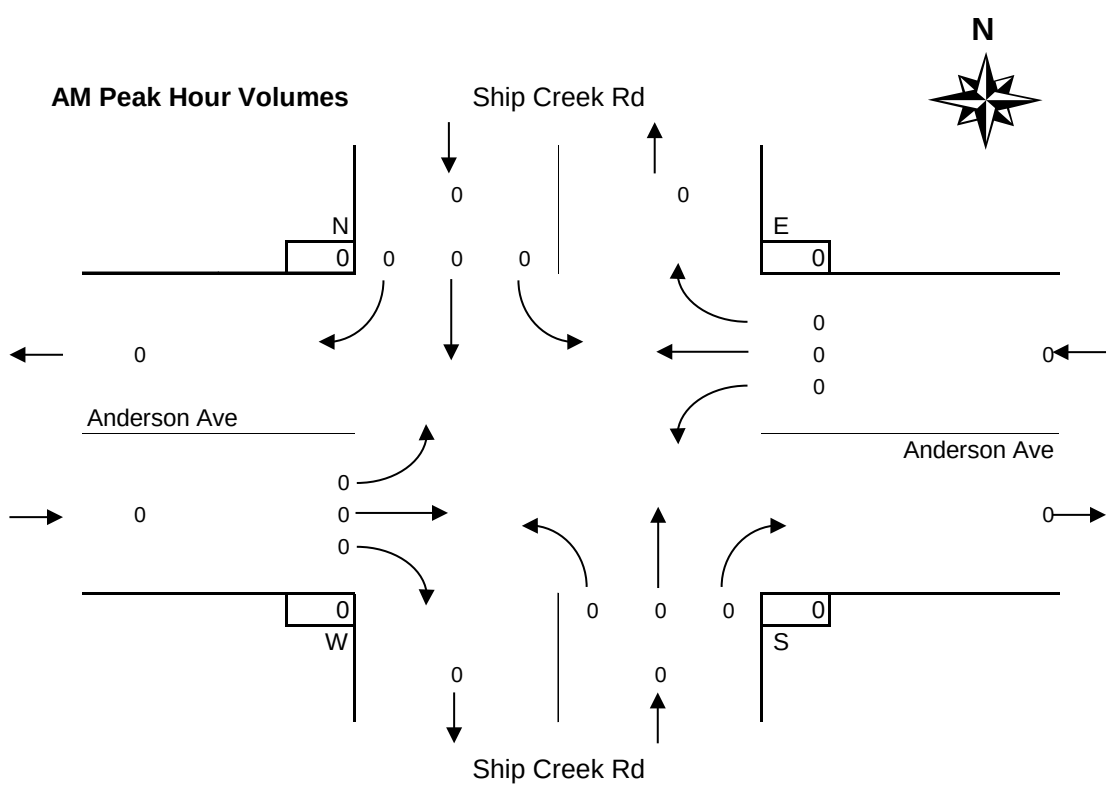
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	+	0	0	0	0	0	1
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	1			0	0	0	0		1
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



MD Peak Period
RVs

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0			0	0	0	0		

Peak hour of the intersection

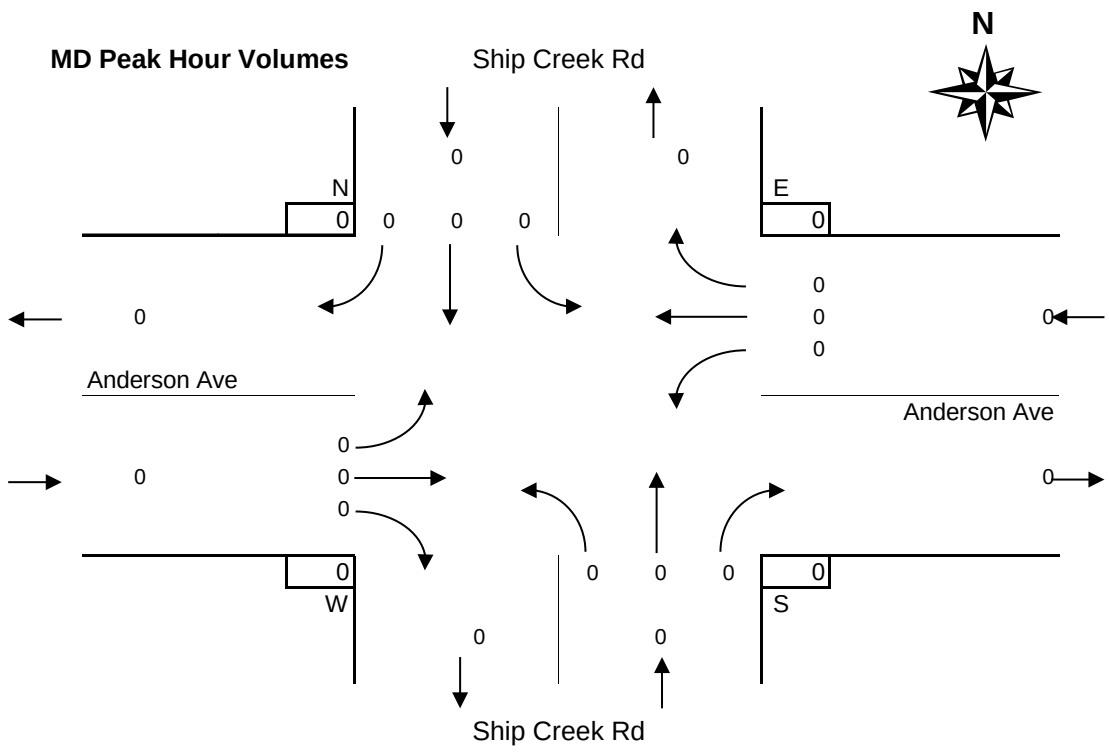
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

Peak hour of conflicting volumes for the intersection

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

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

MD Peak Hour Volumes



PM Peak Period
RVs

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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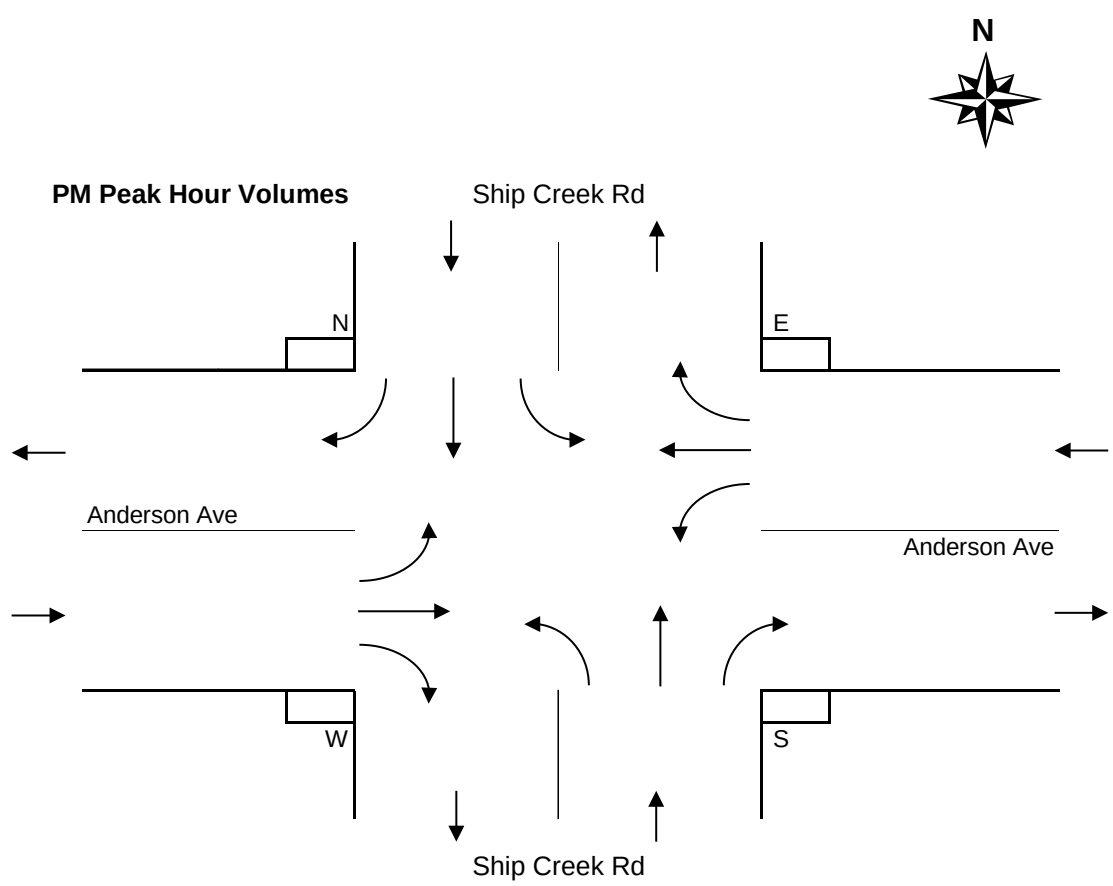
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
RVs

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	1	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

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	1	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

MD Peak Period

3 Hours

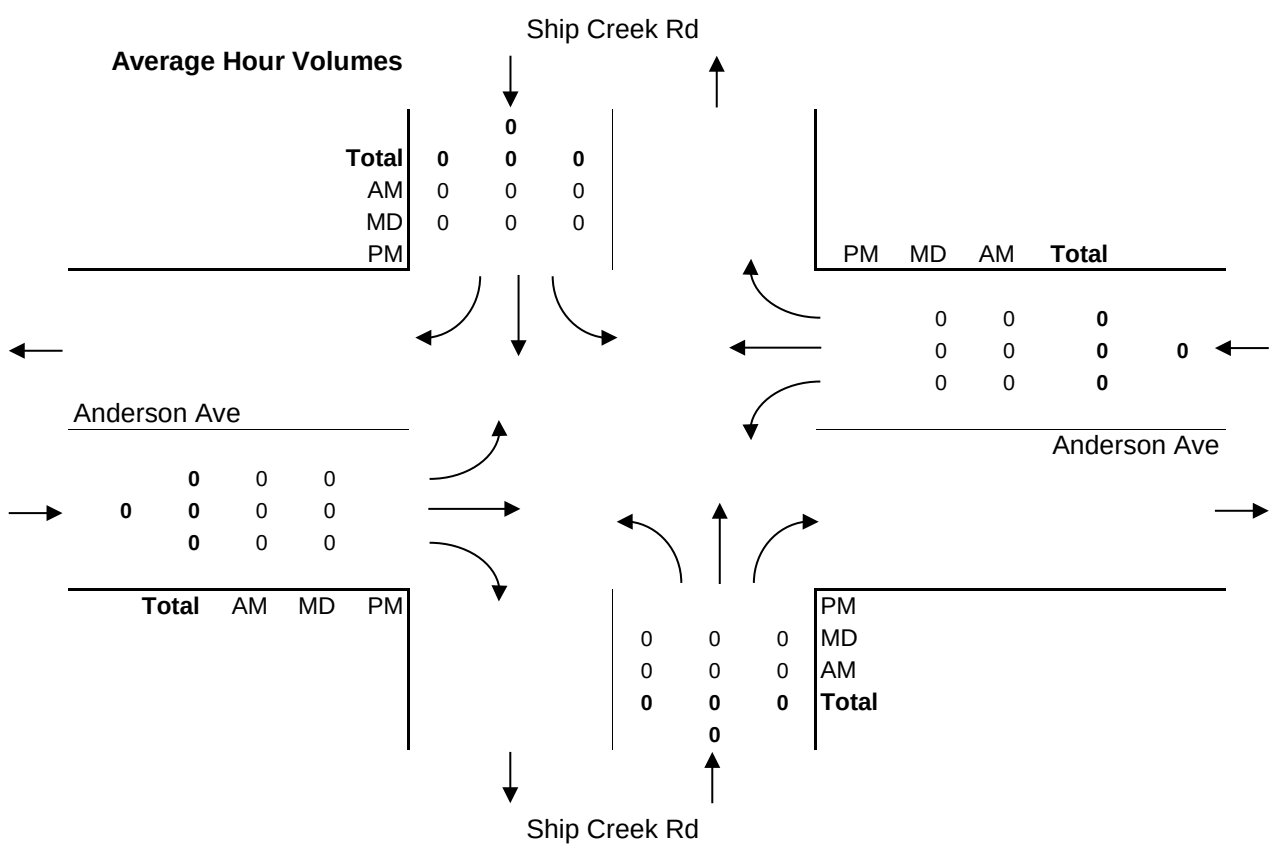
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Vehicle Turning Movement Survey
With Classification

Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	2	0	0	**2**	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	**3**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
7:45	2	0	0	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**	6	+	0	0	0	0
8:00	1	0	1	**2**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	**4**	7	*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	8	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	3		0	0	0	0
9:15	1	0	0	**1**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**2**	4		0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**2**	5		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	5		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	5		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	4		0	0	0	0
10:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	5		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	5		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
11:30	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	3		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	3		0	0	0	0
Total	8	0	1	**9**	0	0	0	**0**	1	8	0	**9**	1	5	1	**7**	**25**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:15	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**			0	0	0	0
12:30	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**			0	0	0	0
12:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	5		0	0	0	0
13:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	6		0	0	0	0
13:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	4		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	3		0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	2	**2**	**2**	4	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	6	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	**3**	8	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	**3**	10	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	2	0	1	**3**	0	0	0	**0**	0	3	0	**3**	0	10	2	**12**	**18**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
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n/a																							
n/a																							
n/a																							
n/a																							
Total																							

AM Peak Period
Utility Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3			0	0	0	0	3	
7:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1			0	0	0	0	1	
7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
7:45	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	6	+	0	0	0	0	2	6
8:00	1	0	1	2	0	0	0	0	0	1	0	1	0	0	1	1	4	7	*	0	0	0	0	2	5
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7	*	0	0	0	0	1	5
8:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	8	*	0	0	0	0	1	6
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	4
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	3		0	0	0	0	1	3
9:15	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2	4		0	0	0	0	2	4
9:30	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	5		0	0	0	0	2	5
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	5
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5		0	0	0	0	1	5
10:15	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	5		0	0	0	0	1	4
10:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	4		0	0	0	0	1	3
10:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1	4
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	5		0	0	0	0	1	4
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
11:30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3		0	0	0	0	1	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3		0	0	0	0	1	3
Total	8	0	1	**9**	0	0	0	**0**	1	8	0	**9**	1	5	1	**7**	25			0	0	0	0		17
Avg Hr	2	0	0	**2**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	5			0	0	0	0		

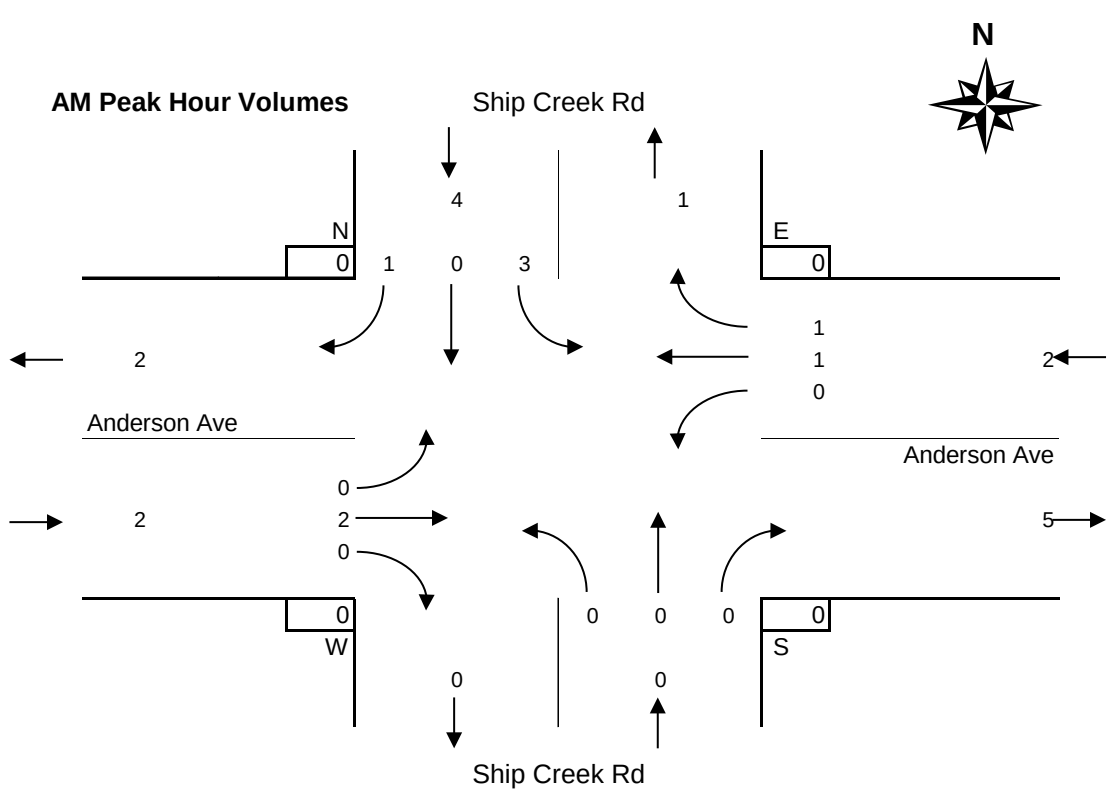
Peak hour of the intersection

Pk Hr	3	0	1	4	0	0	0	0	0	2	0	2	0	1	1	2	8	*		0	0	0	0		5
15x4	8	0	4	8	0	0	0	0	0	4	0	4	0	4	4	4	16	+		0	0	0	0		16
PHF	0.38	n/a	0.25	**0.50**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.25	0.25	**0.50**	0.50			n/a	n/a	n/a	n/a		0.31

Peak hour of conflicting volumes for the intersection

Pk Hr	3	0	1	4	0	0	0	0	0	2	0	2	0	1	1	2	8	*		0	0	0	0		5
15x4	8	0	4	8	0	0	0	0	0	4	0	4	0	4	4	4	16	+		0	0	0	0		16
PHF	0.38	n/a	0.25	**0.50**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.25	0.25	**0.50**	0.50			n/a	n/a	n/a	n/a		0.31

AM Peak Hour Volumes



MD Peak Period
Utility Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1			0	0	0	0	1	
12:30	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2			0	0	0	0	2	
12:45	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	5		0	0	0	0	2	5
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	6		0	0	0	0	1	6
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	5
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4		0	0	0	0	1	4
13:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	3		0	0	0	0	1	3
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	*	0	0	0	0	2	4
14:15	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	6	+	0	0	0	0	1	5
14:30	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3	8	*	0	0	0	0	2	6
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	10	*	0	0	0	0	3	8
n/a																									
n/a																									
n/a																									
n/a																									
Total	2	0	1	**3**	0	0	0	**0**	0	3	0	**3**	0	10	2	**12**	18			0	0	0	0		14
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	3	1	**4**	6			0	0	0	0		

Peak hour of the intersection

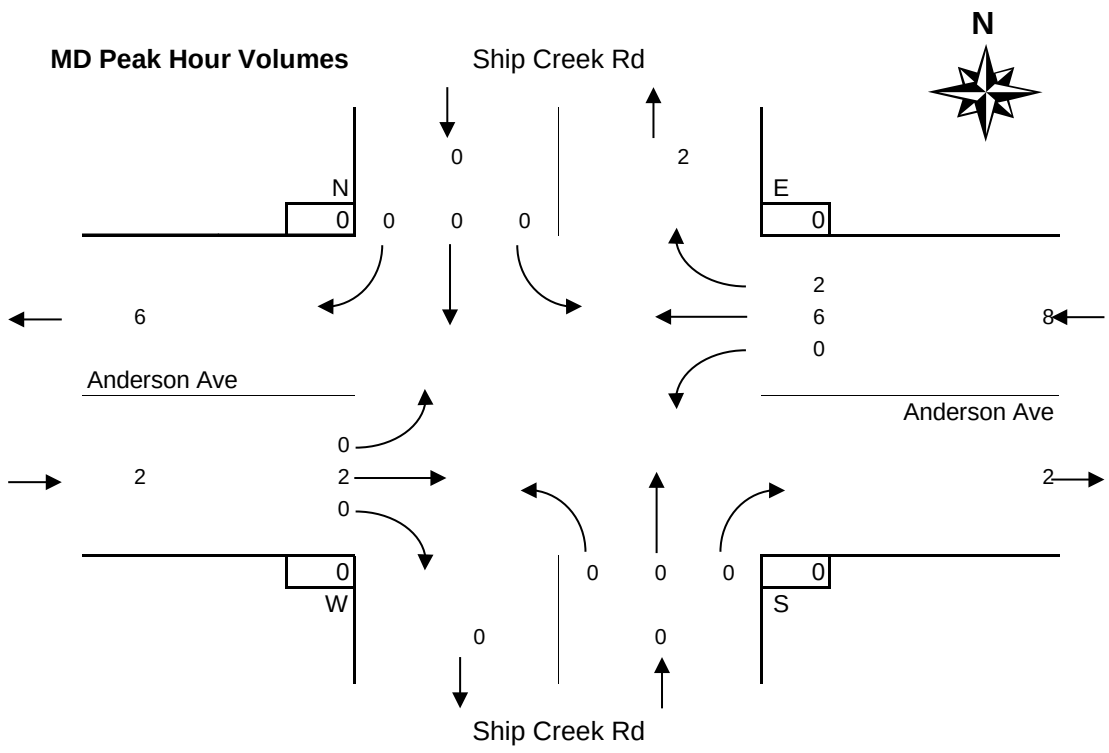
Pk Hr	0	0	0	0	0	0	0	0	0	2	0	2	0	6	2	8	10	*		0	0	0	0		8
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	12	8	12	12	+		0	0	0	0		20
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.50	0.25	**0.67**	0.83			n/a	n/a	n/a	n/a		0.40

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	2	0	2	0	6	2	8	10	*		0	0	0	0		8
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	12	8	12	12	+		0	0	0	0		20
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.50	0.25	**0.67**	0.83			n/a	n/a	n/a	n/a		0.40

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

MD Peak Hour Volumes



PM Peak Period
Utility Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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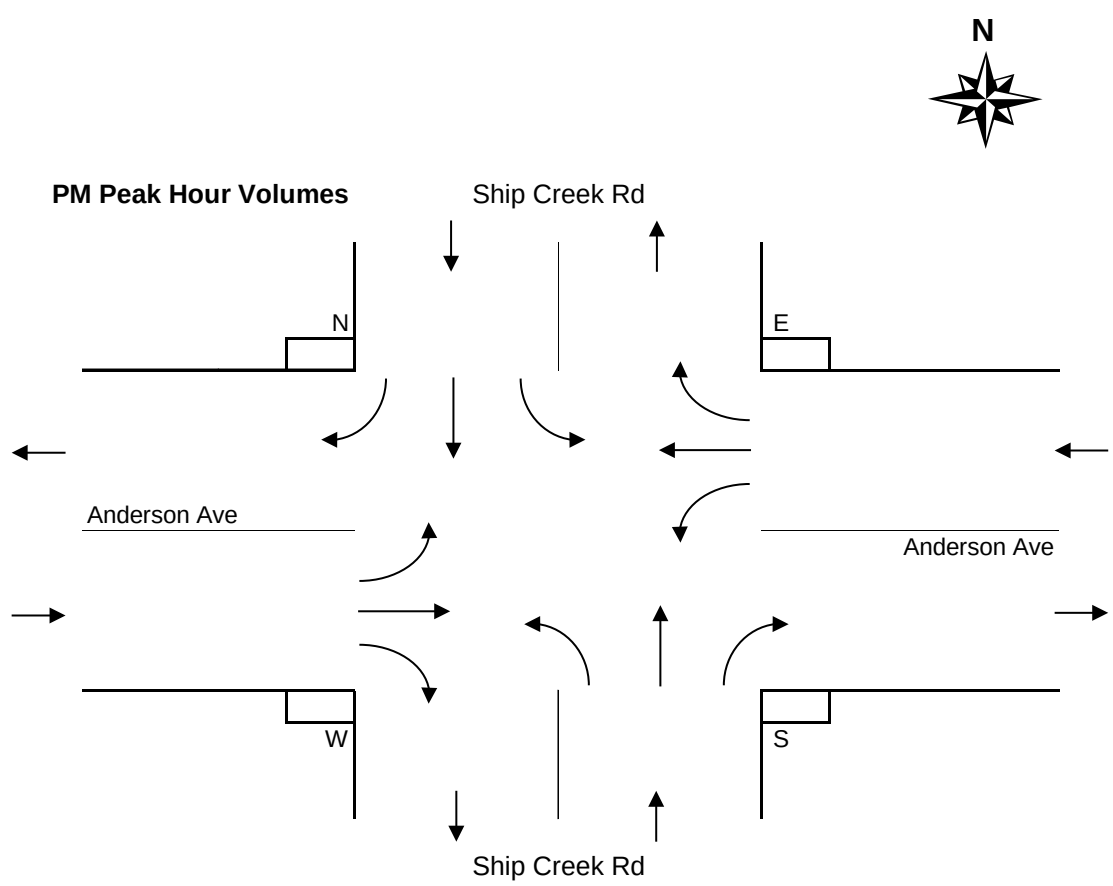
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
Utility Trucks

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	10	0	2	**12**	0	0	0	**0**	1	11	0	**12**	1	15	3	**19**	43	0	0	0	0
Avg Hr	1	0	0	**2**	0	0	0	**0**	0	1	0	**2**	0	2	0	**2**	5	0	0	0	0

AM Peak Period

5 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Period	8	0	1	**9**	0	0	0	**0**	1	8	0	**9**	1	5	1	**7**	25	0	0	0	0
Avg Hr	2	0	0	**2**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	5	0	0	0	0

MD Peak Period

3 Hours

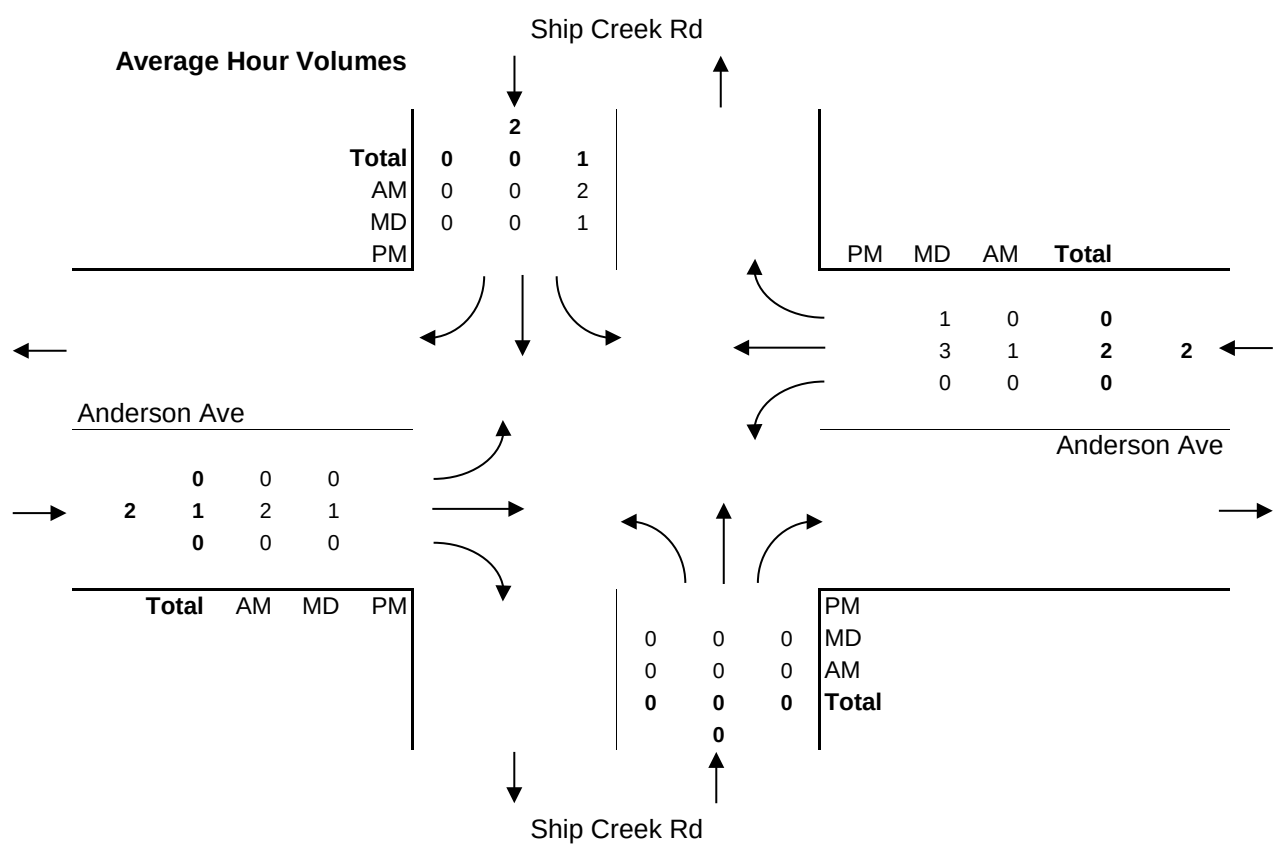
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	2	0	1	**3**	0	0	0	**0**	0	3	0	**3**	0	10	2	**12**	18	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	3	1	**4**	6	0	0	0	0

PM Peak Period

Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Major Route: Anderson Avenue
Minor Route: Ship Creek Road
Municipality: Port Alberni
Filename: 5-Anderson Ave @ Ship Creek Rd-Sep 27, 2017.xlsx
Location #: 5

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

East/West Route: Anderson Avenue
Intersection Type: 4-leg
Signalized?: No
Weather: Clear and dry

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

This data is for 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

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:00	14	0	1	**15**	0	0	1	**1**	0	2	3	**5**	1	4	0	**5**	**26**			0	0	0	0
7:15	8	0	0	**8**	0	0	0	**0**	4	6	0	**10**	0	2	1	**3**	**21**			0	0	0	0
7:30	2	0	1	**3**	0	0	0	**0**	1	5	0	**6**	0	5	0	**5**	**14**			0	0	0	0
7:45	6	1	3	**10**	0	0	0	**0**	1	7	1	**9**	0	7	5	**12**	**31**	92	+	0	0	0	0
8:00	4	0	4	**8**	2	1	0	**3**	2	4	1	**7**	0	5	3	**8**	**26**	92	*	0	0	0	0
8:15	4	1	1	**6**	0	0	0	**0**	4	1	0	**5**	0	4	1	**5**	**16**	87	*	0	0	0	0
8:30	3	2	3	**8**	1	1	0	**2**	14	3	0	**17**	0	1	2	**3**	**30**	103	*	0	0	0	0
8:45	4	1	4	**9**	0	1	0	**1**	2	4	0	**6**	0	2	1	**3**	**19**	91		0	0	0	0
9:00	2	2	3	**7**	0	0	0	**0**	2	10	0	**12**	0	3	2	**5**	**24**	89		0	0	0	0
9:15	2	1	2	**5**	0	1	0	**1**	3	5	0	**8**	0	3	4	**7**	**21**	94		0	0	0	0
9:30	2	0	1	**3**	0	0	0	**0**	1	7	0	**8**	0	2	2	**4**	**15**	79		0	0	0	0
9:45	2	0	0	**2**	0	1	0	**1**	6	6	1	**13**	0	2	3	**5**	**21**	81		0	0	0	0
10:00	4	0	2	**6**	0	0	0	**0**	4	3	0	**7**	1	7	3	**11**	**24**	81		0	0	0	0
10:15	5	2	1	**8**	0	2	0	**2**	3	8	0	**11**	0	7	0	**7**	**28**	88		0	0	0	0
10:30	4	1	2	**7**	0	0	0	**0**	2	2	0	**4**	0	4	1	**5**	**16**	89		0	0	0	0
10:45	3	1	2	**6**	0	1	0	**1**	2	1	0	**3**	0	3	2	**5**	**15**	83		0	0	2	0
11:00	3	1	3	**7**	1	1	0	**2**	0	4	1	**5**	1	5	2	**8**	**22**	81		0	0	0	0
11:15	3	1	0	**4**	1	1	1	**3**	0	1	0	**1**	0	4	1	**5**	**13**	66		0	0	2	0
11:30	4	0	3	**7**	0	0	0	**0**	3	2	0	**5**	0	7	4	**11**	**23**	73		0	0	0	0
11:45	4	0	1	**5**	0	1	0	**1**	2	1	0	**3**	0	5	4	**9**	**18**	76		0	0	0	0
Total	83	14	37	**134**	5	11	2	**18**	56	82	7	**145**	3	82	41	**126**	**423**			0	0	4	0
12:00	4	1	1	**6**	0	0	0	**0**	2	3	0	**5**	0	4	3	**7**	**18**			0	0	0	0
12:15	5	0	0	**5**	1	2	0	**3**	3	3	0	**6**	0	1	4	**5**	**19**			0	0	0	0
12:30	3	0	3	**6**	0	1	0	**1**	0	3	1	**4**	0	7	2	**9**	**20**			0	0	0	0
12:45	4	0	3	**7**	0	0	0	**0**	3	6	0	**9**	0	5	3	**8**	**24**	81		0	0	0	0
13:00	2	0	3	**5**	0	0	0	**0**	2	1	3	**6**	0	5	2	**7**	**18**	81		0	0	0	0
13:15	3	0	2	**5**	0	1	0	**1**	1	5	0	**6**	0	7	0	**7**	**19**	81		0	0	0	0
13:30	1	1	4	**6**	1	0	0	**1**	0	4	1	**5**	0	7	2	**9**	**21**	82		0	0	0	0
13:45	3	1	0	**4**	0	1	0	**1**	2	7	1	**10**	0	3	3	**6**	**21**	79		0	0	0	0
14:00	4	0	3	**7**	0	0	1	**1**	1	7	0	**8**	0	8	6	**14**	**30**	91	*	0	0	0	0
14:15	2	1	4	**7**	4	0	0	**4**	2	9	2	**13**	1	12	10	**23**	**47**	119	+	0	0	0	0
14:30	0	0	3	**3**	0	1	0	**1**	11	4	0	**15**	0	13	6	**19**	**38**	136	*	0	0	0	0
14:45	2	2	5	**9**	1	0	0	**1**	3	2	0	**5**	0	15	7	**22**	**37**	152	*	0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	33	6	31	**70**	7	6	1	**14**	30	54	8	**92**	1	87	48	**136**	**312**			0	0	0	0
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																							

AM Peak Period
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

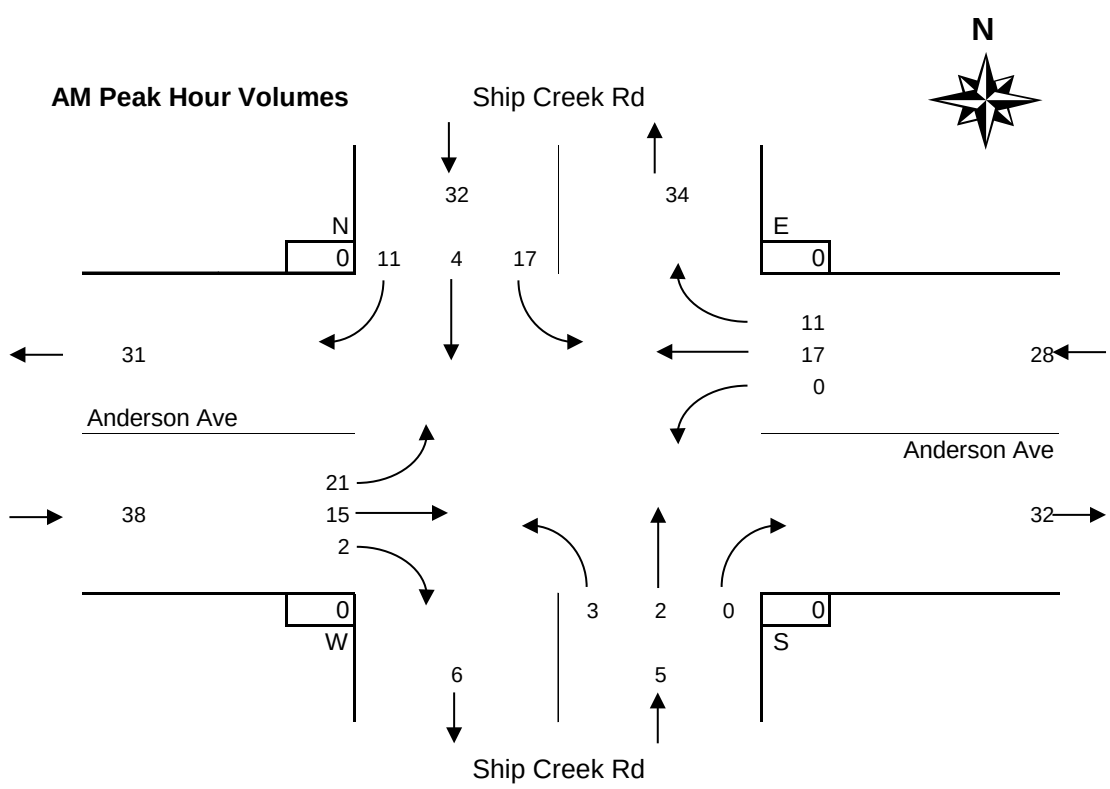
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	14	0	1	15	0	0	1	1	0	2	3	5	1	4	0	5	26			0	0	0	0	21	
7:15	8	0	0	8	0	0	0	0	4	6	0	10	0	2	1	3	21			0	0	0	0	15	
7:30	2	0	1	3	0	0	0	0	1	5	0	6	0	5	0	5	14			0	0	0	0	8	
7:45	6	1	3	10	0	0	0	0	1	7	1	9	0	7	5	12	31	92	+	0	0	0	0	19	63
8:00	4	0	4	8	2	1	0	3	2	4	1	7	0	5	3	8	26	92	*	0	0	0	0	16	58
8:15	4	1	1	6	0	0	0	0	4	1	0	5	0	4	1	5	16	87	*	0	0	0	0	13	56
8:30	3	2	3	8	1	1	0	2	14	3	0	17	0	1	2	3	30	103	*	0	0	0	0	23	71
8:45	4	1	4	9	0	1	0	1	2	4	0	6	0	2	1	3	19	91		0	0	0	0	10	62
9:00	2	2	3	7	0	0	0	0	2	10	0	12	0	3	2	5	24	89		0	0	0	0	15	61
9:15	2	1	2	5	0	1	0	1	3	5	0	8	0	3	4	7	21	94		0	0	0	0	13	61
9:30	2	0	1	3	0	0	0	0	1	7	0	8	0	2	2	4	15	79		0	0	0	0	9	47
9:45	2	0	0	2	0	1	0	1	6	6	1	13	0	2	3	5	21	81		0	0	0	0	14	51
10:00	4	0	2	6	0	0	0	0	4	3	0	7	1	7	3	11	24	81		0	0	0	0	18	54
10:15	5	2	1	8	0	2	0	2	3	8	0	11	0	7	0	7	28	88		0	0	0	0	17	58
10:30	4	1	2	7	0	0	0	0	2	2	0	4	0	4	1	5	16	89		0	0	0	0	11	60
10:45	3	1	2	6	0	1	0	1	2	1	0	3	0	3	2	5	15	83		0	0	2	0	11	57
11:00	3	1	3	7	1	1	0	2	0	4	1	5	1	5	2	8	22	81		0	0	0	0	12	51
11:15	3	1	0	4	1	1	1	3	0	1	0	1	0	4	1	5	13	66		0	0	2	0	10	44
11:30	4	0	3	7	0	0	0	0	3	2	0	5	0	7	4	11	23	73		0	0	0	0	18	51
11:45	4	0	1	5	0	1	0	1	2	1	0	3	0	5	4	9	18	76		0	0	0	0	16	56
Total	83	14	37	**134**	5	11	2	**18**	56	82	7	**145**	3	82	41	**126**	423			0	0	4	0		275
Avg Hr	17	3	7	**27**	1	2	0	**4**	11	16	1	**29**	1	16	8	**25**	85			0	0	1	0		

Peak hour of the intersection

Pk Hr	17	4	11	32	3	2	0	5	21	15	2	38	0	17	11	28	103	*		0	0	0	0		68
15x4	24	8	16	40	8	4	0	12	56	28	4	68	0	28	20	48	124	+		0	0	0	0		136
PHF	0.71	0.50	0.69	**0.80**	0.38	0.50	n/a	**0.42**	0.38	0.54	0.50	**0.56**	n/a	0.61	0.55	**0.58**	0.83			n/a	n/a	n/a	n/a		0.50

Peak hour of conflicting volumes for the intersection

Pk Hr	17	4	11	32	3	2	0	5	21	15	2	38	0	17	11	28	103	*		0	0	0	0		68
15x4	24	8	16	40	8	4	0	12	56	28	4	68	0	28	20	48	124	+		0	0	0	0		136
PHF	0.71	0.50	0.69	**0.80**	0.38	0.50	n/a	**0.42**	0.38	0.54	0.50	**0.56**	n/a	0.61	0.55	**0.58**	0.83			n/a	n/a	n/a	n/a		0.50



MD Peak Period
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
12:00	4	1	1	6	0	0	0	0	2	3	0	5	0	4	3	7	18			0	0	0	0	13	
12:15	5	0	0	5	1	2	0	3	3	3	0	6	0	1	4	5	19			0	0	0	0	15	
12:30	3	0	3	6	0	1	0	1	0	3	1	4	0	7	2	9	20			0	0	0	0	13	
12:45	4	0	3	7	0	0	0	0	3	6	0	9	0	5	3	8	24	81		0	0	0	0	15	56
13:00	2	0	3	5	0	0	0	0	2	1	3	6	0	5	2	7	18	81		0	0	0	0	12	55
13:15	3	0	2	5	0	1	0	1	1	5	0	6	0	7	0	7	19	81		0	0	0	0	12	52
13:30	1	1	4	6	1	0	0	1	0	4	1	5	0	7	2	9	21	82		0	0	0	0	15	54
13:45	3	1	0	4	0	1	0	1	2	7	1	10	0	3	3	6	21	79		0	0	0	0	12	51
14:00	4	0	3	7	0	0	1	1	1	7	0	8	0	8	6	14	30	91	*	0	0	0	0	20	59
14:15	2	1	4	7	4	0	0	4	2	9	2	13	1	12	10	23	47	119	+	0	0	0	0	33	80
14:30	0	0	3	3	0	1	0	1	11	4	0	15	0	13	6	19	38	136	*	0	0	0	0	33	98
14:45	2	2	5	9	1	0	0	1	3	2	0	5	0	15	7	22	37	152	*	0	0	0	0	33	119
n/a																									
n/a																									
n/a																									
n/a																									
Total	33	6	31	**70**	7	6	1	**14**	30	54	8	**92**	1	87	48	**136**	312			0	0	0	0		209
Avg Hr	11	2	10	**23**	2	2	0	**5**	10	18	3	**31**	0	29	16	**45**	104			0	0	0	0		

Peak hour of the intersection

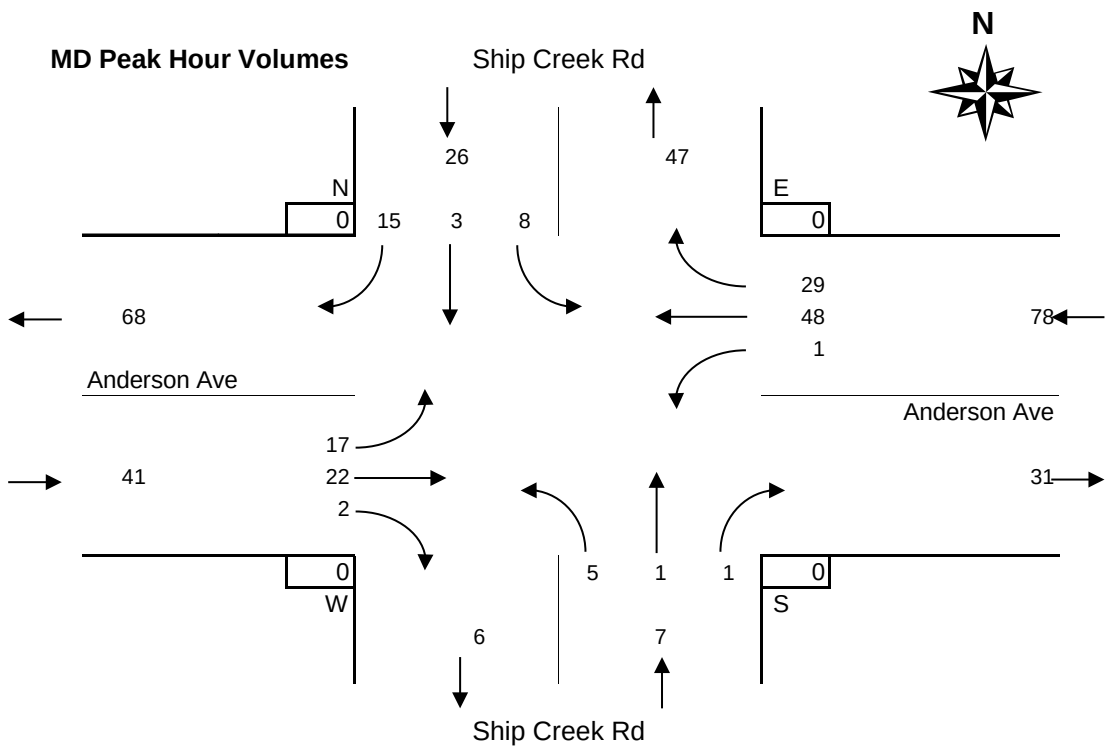
Pk Hr	8	3	15	26	5	1	1	7	17	22	2	41	1	48	29	78	152	*		0	0	0	0		117
15x4	16	8	20	36	16	4	4	16	44	36	8	60	4	60	40	92	188	+		0	0	0	0		188
PHF	0.50	0.38	0.75	**0.72**	0.31	0.25	0.25	**0.44**	0.39	0.61	0.25	**0.68**	0.25	0.80	0.73	**0.85**	0.81			n/a	n/a	n/a	n/a		0.62

Peak hour of conflicting volumes for the intersection

Pk Hr	8	3	15	26	5	1	1	7	17	22	2	41	1	48	29	78	152	*		0	0	0	0		117
15x4	16	8	20	36	16	4	4	16	44	36	8	60	4	60	40	92	188	+		0	0	0	0		188
PHF	0.50	0.38	0.75	**0.72**	0.31	0.25	0.25	**0.44**	0.39	0.61	0.25	**0.68**	0.25	0.80	0.73	**0.85**	0.81			n/a	n/a	n/a	n/a		0.62

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

MD Peak Hour Volumes



PM Peak Period
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
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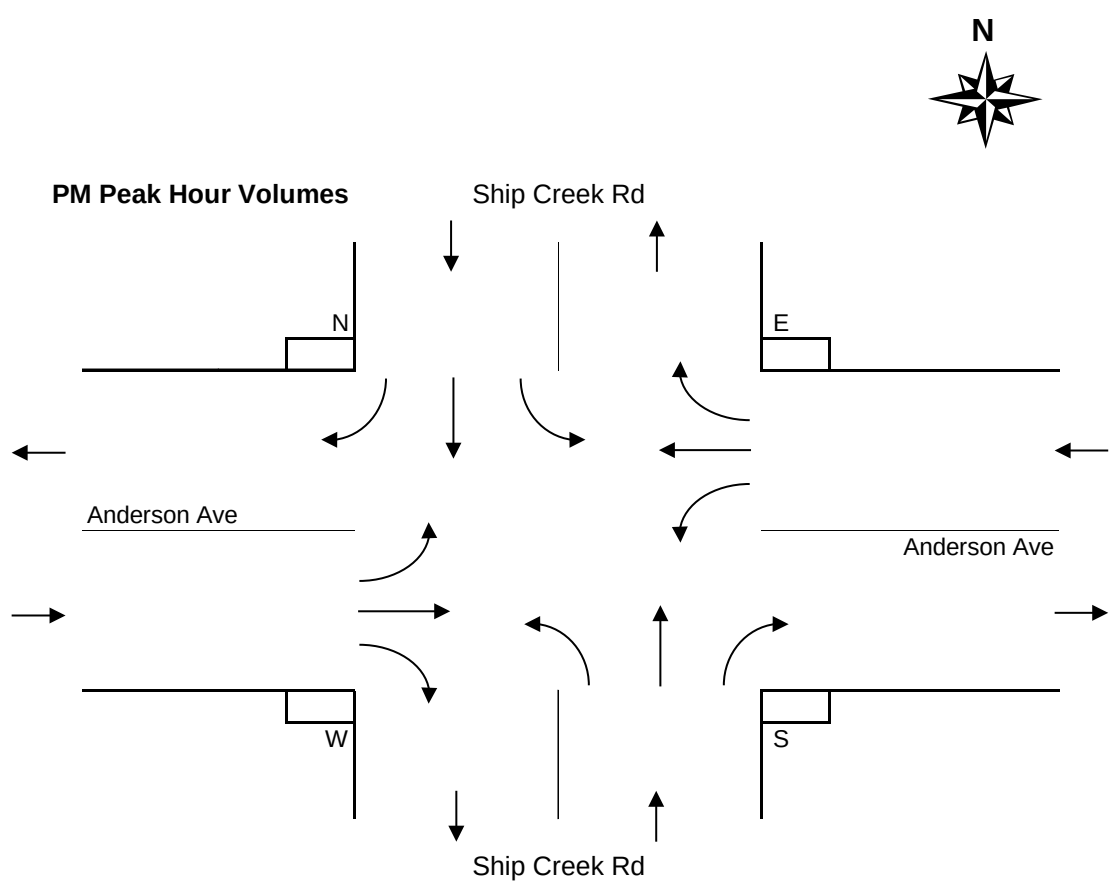
n/a																									
n/a																									
Total																									0
Avg Hr																									

Peak hour of the intersection

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

Peak hour of conflicting volumes for the intersection

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



Period Hourly Averages
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Wednesday, September 27, 2017

Entire Survey Period
8 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	116	20	68	**204**	12	17	3	**32**	86	136	15	**237**	4	169	89	**262**	735	0	0	4	0
Avg Hr	15	3	9	**26**	2	2	0	**4**	11	17	2	**30**	1	21	11	**33**	92	0	0	1	0

AM Peak Period
5 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	83	14	37	**134**	5	11	2	**18**	56	82	7	**145**	3	82	41	**126**	423	0	0	4	0
Avg Hr	17	3	7	**27**	1	2	0	**4**	11	16	1	**29**	1	16	8	**25**	85	0	0	1	0

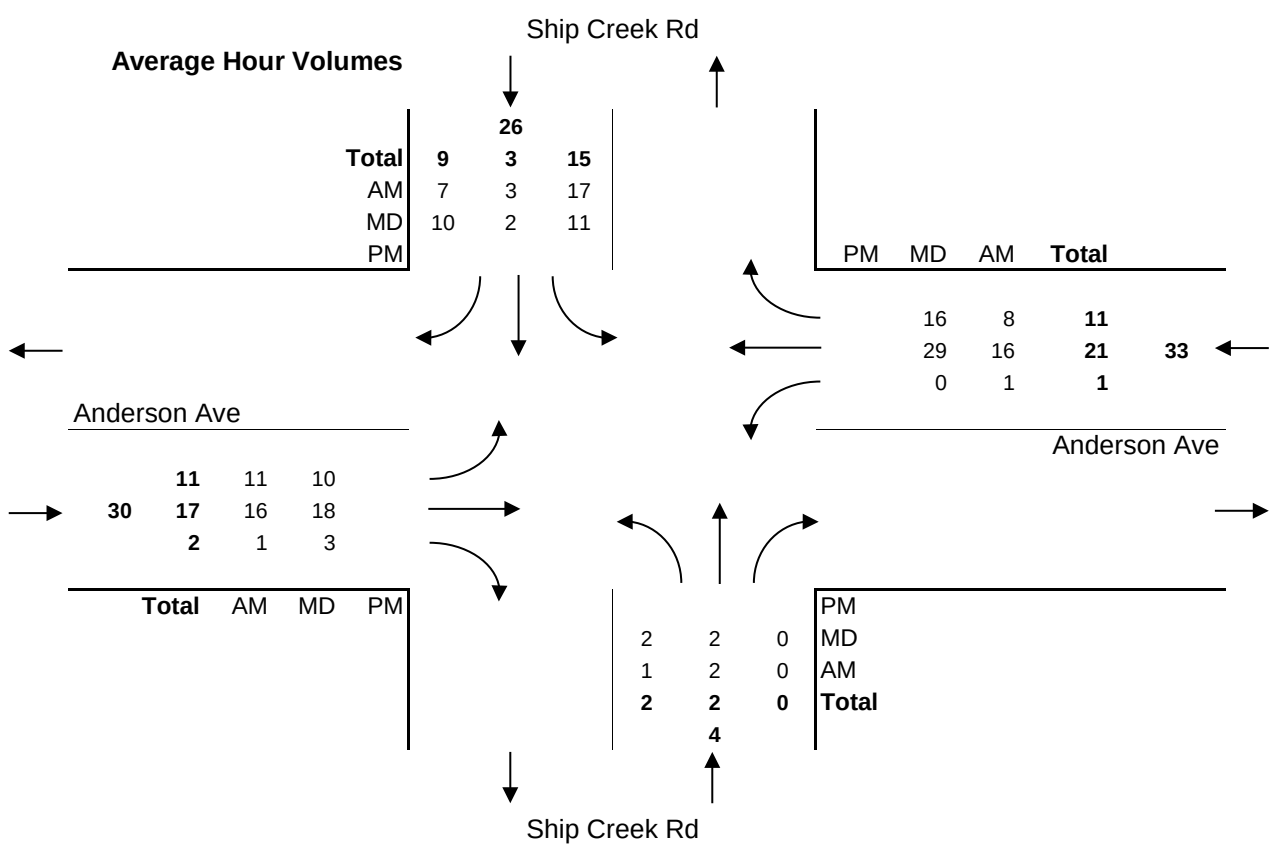
MD Peak Period
3 Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	33	6	31	**70**	7	6	1	**14**	30	54	8	**92**	1	87	48	**136**	312	0	0	0	0
Avg Hr	11	2	10	**23**	2	2	0	**5**	10	18	3	**31**	0	29	16	**45**	104	0	0	0	0

PM Peak Period
Hours

	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total																					
Avg Hr																					

Average Hour Volumes



Data summarized for input into Synchro/HCS

All Vehicles Combined

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	21	15	2	0	17	11	3	2	0	17	4	11
Peak Hour Factor	0.38	0.54	0.50	n/a	0.61	0.55	0.38	0.50	n/a	0.71	0.50	0.69
Total Volume	56	82	7	3	82	41	5	11	2	83	14	37
% of Total Vehicles	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	17	22	2	1	48	29	5	1	1	8	3	15
Peak Hour Factor	0.39	0.61	0.25	0.25	0.80	0.73	0.31	0.25	0.25	0.50	0.38	0.75
Total Volume	30	54	8	1	87	48	7	6	1	33	6	31
% of Total Vehicles	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

PM

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

Regular Vehicles

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	20	10	2	0	10	8	3	2	0	14	4	8
Peak Hour Factor	0.38	0.42	0.50	n/a	0.63	0.50	0.38	0.50	n/a	0.88	0.50	0.67
Total Volume	51	58	7	1	51	33	5	10	2	65	13	28
% of Total Vehicles	91%	71%	100%	33%	62%	80%	100%	91%	100%	78%	93%	76%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	16	14	2	1	32	26	5	1	1	5	3	13
Peak Hour Factor	0.36	0.70	0.25	0.25	0.80	0.65	0.31	0.25	0.25	0.63	0.38	0.81
Total Volume	25	36	8	1	58	43	7	6	1	25	6	27
% of Total Vehicles	83%	67%	100%	100%	67%	90%	100%	100%	100%	76%	100%	87%

PM

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

Buses

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	1	0	0	0	0	0	0	0	0	0	0	2
Peak Hour Factor	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25
Total Volume	1	0	0	0	0	2	0	0	0	1	0	2
% of Total Vehicles	2%	0%	0%	0%	0%	5%	0%	0%	0%	1%	0%	5%

MD

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

PM

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

Articulated Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	0	0	0	0	1	0	0	0	0	0	0
Peak Hour Factor	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	2	2	0	0	2	2	0	0	0	2	0	4
% of Total Vehicles	4%	2%	0%	0%	2%	5%	0%	0%	0%	2%	0%	11%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	1	0	0	0	0	0	0	0	1	0	0
Peak Hour Factor	n/a	0.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.25	n/a	n/a
Total Volume	2	3	0	0	1	1	0	0	0	1	0	1
% of Total Vehicles	7%	6%	0%	0%	1%	2%	0%	0%	0%	3%	0%	3%

PM

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

Cube Trucks

AM

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

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

MD

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

PM

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

Dump Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	1	0	0	4	0	0	0	0	0	0	0
Peak Hour Factor	n/a	0.25	n/a	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	1	6	0	1	10	0	0	1	0	5	1	1
% of Total Vehicles	2%	7%	0%	33%	12%	0%	0%	9%	0%	6%	7%	3%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	4	0	0	6	0	0	0	0	0	0	0
Peak Hour Factor	n/a	0.50	n/a	n/a	0.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	6	0	0	11	0	0	0	0	2	0	0
% of Total Vehicles	0%	11%	0%	0%	13%	0%	0%	0%	0%	6%	0%	0%

PM

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

Emergency Trucks

AM

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

MD

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

PM

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

Garbage Trucks

AM

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

MD

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

PM

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

Logging Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	2	0	0	2	1	0	0	0	0	0	0
Peak Hour Factor	n/a	0.50	n/a	n/a	0.50	0.25	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	5	0	0	12	1	0	0	0	2	0	0
% of Total Vehicles	0%	6%	0%	0%	15%	2%	0%	0%	0%	2%	0%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	1	0	0	4	0	0	0	0	1	0	0
Peak Hour Factor	n/a	0.25	n/a	n/a	0.33	n/a	n/a	n/a	n/a	0.25	n/a	n/a

Total Volume	1	6	0	0	7	1	0	0	0	1	0	0
% of Total Vehicles	3%	11%	0%	0%	8%	2%	0%	0%	0%	3%	0%	0%

PM

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

RVs

AM

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

MD

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

PM

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

Utility Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	2	0	0	1	1	0	0	0	3	0	1
Peak Hour Factor	n/a	0.50	n/a	n/a	0.25	0.25	n/a	n/a	n/a	0.38	n/a	0.25
Total Volume	1	8	0	1	5	1	0	0	0	8	0	1
% of Total Vehicles	2%	10%	0%	33%	6%	2%	0%	0%	0%	10%	0%	3%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	2	0	0	6	2	0	0	0	0	0	0
Peak Hour Factor	n/a	0.50	n/a	n/a	0.50	0.25	n/a	n/a	n/a	n/a	n/a	n/a
Total Volume	0	3	0	0	10	2	0	0	0	2	0	1
% of Total Vehicles	0%	6%	0%	0%	11%	4%	0%	0%	0%	6%	0%	3%

PM

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