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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	0	**0**	3	5	1	**9**	0	0	1	**1**	**21**			0	0	0	0
7:15	9	0	1	**10**	1	0	0	**1**	1	4	0	**5**	0	0	1	**1**	**17**			0	0	0	0
7:30	3	0	3	**6**	0	0	0	**0**	0	4	0	**4**	0	1	0	**1**	**11**			0	0	0	0
7:45	7	0	0	**7**	0	0	0	**0**	1	7	0	**8**	0	4	1	**5**	**20**	69		0	0	0	0
8:00	2	1	1	**4**	0	1	0	**1**	3	1	1	**5**	0	2	3	**5**	**15**	63		0	0	0	0
8:15	2	0	1	**3**	0	1	0	**1**	5	4	0	**9**	0	3	1	**4**	**17**	63		0	0	0	0
8:30	7	0	2	**9**	0	0	1	**1**	6	6	0	**12**	1	2	1	**4**	**26**	78	*	0	0	0	0
8:45	4	5	4	**13**	0	0	0	**0**	1	6	2	**9**	0	4	1	**5**	**27**	85	+	0	0	0	0
9:00	3	1	0	**4**	1	0	3	**4**	1	2	1	**4**	0	1	3	**4**	**16**	86	*	0	0	0	0
9:15	2	0	0	**2**	0	0	0	**0**	5	2	0	**7**	0	4	4	**8**	**17**	86	*	0	0	0	2
9:30	2	0	0	**2**	0	0	0	**0**	2	6	0	**8**	0	3	2	**5**	**15**	75		0	0	0	1
9:45	2	0	1	**3**	0	0	0	**0**	2	5	0	**7**	0	4	3	**7**	**17**	65		0	0	0	0
10:00	3	0	2	**5**	0	0	0	**0**	4	4	0	**8**	0	2	2	**4**	**17**	66		0	0	0	0
10:15	2	2	1	**5**	0	0	0	**0**	1	2	0	**3**	0	4	0	**4**	**12**	61		0	0	0	0
10:30	4	0	0	**4**	0	0	0	**0**	0	4	0	**4**	0	3	2	**5**	**13**	59		0	0	0	0
10:45	5	0	4	**9**	1	0	0	**1**	1	0	1	**2**	0	1	6	**7**	**19**	61		0	0	0	0
11:00	0	0	3	**3**	0	1	0	**1**	1	2	2	**5**	0	4	4	**8**	**17**	61		0	0	0	0
11:15	4	0	0	**4**	0	0	0	**0**	2	1	0	**3**	0	2	2	**4**	**11**	60		0	0	1	0
11:30	2	0	1	**3**	0	0	0	**0**	4	1	0	**5**	0	4	4	**8**	**16**	63		0	0	0	0
11:45	2	0	1	**3**	1	0	0	**1**	1	4	0	**5**	0	2	2	**4**	**13**	57		0	0	0	0
Total	75	9	26	**110**	4	3	4	**11**	44	70	8	**122**	1	50	43	**94**	**337**			0	0	1	3
12:00	5	1	2	**8**	0	0	0	**0**	0	4	0	**4**	0	4	2	**6**	**18**			0	0	0	0
12:15	5	2	0	**7**	0	0	0	**0**	0	3	0	**3**	0	5	6	**11**	**21**			0	0	0	0
12:30	0	0	2	**2**	0	2	0	**2**	1	3	0	**4**	0	5	2	**7**	**15**			0	0	0	0
12:45	3	0	2	**5**	0	0	0	**0**	1	1	0	**2**	0	4	2	**6**	**13**	67		0	0	0	0
13:00	1	0	0	**1**	0	0	0	**0**	2	2	0	**4**	0	5	2	**7**	**12**	61		0	0	0	0
13:15	3	1	1	**5**	0	2	0	**2**	1	1	0	**2**	0	4	6	**10**	**19**	59		0	0	0	0
13:30	4	0	1	**5**	0	0	0	**0**	0	0	0	**0**	0	4	2	**6**	**11**	55		0	0	0	0
13:45	3	0	0	**3**	0	1	0	**1**	0	2	2	**4**	1	4	2	**7**	**15**	57	*	0	0	0	0
14:00	2	1	5	**8**	0	0	0	**0**	1	4	0	**5**	0	4	2	**6**	**19**	64	*	0	0	0	0
14:15	3	0	3	**6**	1	2	0	**3**	0	0	0	**0**	2	7	10	**19**	**28**	73	+	0	0	0	0
14:30	0	0	2	**2**	0	1	0	**1**	0	3	0	**3**	0	4	6	**10**	**16**	78	*	0	0	0	0
14:45	3	0	2	**5**	0	1	1	**2**	0	2	0	**2**	0	4	2	**6**	**15**	78		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	32	5	20	**57**	1	9	1	**11**	6	25	2	**33**	3	54	44	**101**	**202**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

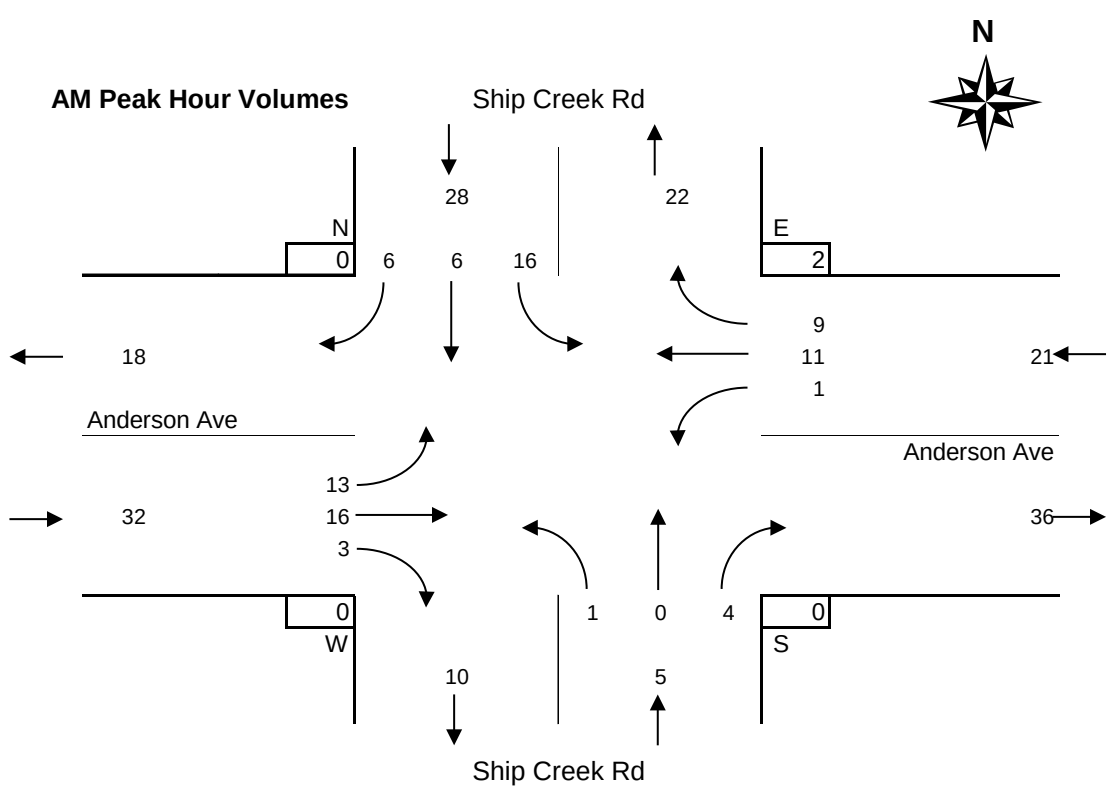
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	10	0	1	11	0	0	0	0	3	5	1	9	0	0	1	1	21			0	0	0	0	16	
7:15	9	0	1	10	1	0	0	1	1	4	0	5	0	0	1	1	17			0	0	0	0	13	
7:30	3	0	3	6	0	0	0	0	0	4	0	4	0	1	0	1	11			0	0	0	0	7	
7:45	7	0	0	7	0	0	0	0	1	7	0	8	0	4	1	5	20	69		0	0	0	0	14	50
8:00	2	1	1	4	0	1	0	1	3	1	1	5	0	2	3	5	15	63		0	0	0	0	11	45
8:15	2	0	1	3	0	1	0	1	5	4	0	9	0	3	1	4	17	63		0	0	0	0	12	44
8:30	7	0	2	9	0	0	1	1	6	6	0	12	1	2	1	4	26	78	*	0	0	0	0	17	54
8:45	4	5	4	13	0	0	0	0	1	6	2	9	0	4	1	5	27	85	+	0	0	0	0	17	57
9:00	3	1	0	4	1	0	3	4	1	2	1	4	0	1	3	4	16	86	*	0	0	0	0	11	57
9:15	2	0	0	2	0	0	0	0	5	2	0	7	0	4	4	8	17	86	*	0	0	0	2	15	60
9:30	2	0	0	2	0	0	0	0	2	6	0	8	0	3	2	5	15	75		0	0	0	1	9	52
9:45	2	0	1	3	0	0	0	0	2	5	0	7	0	4	3	7	17	65		0	0	0	0	11	46
10:00	3	0	2	5	0	0	0	0	4	4	0	8	0	2	2	4	17	66		0	0	0	0	11	46
10:15	2	2	1	5	0	0	0	0	1	2	0	3	0	4	0	4	12	61		0	0	0	0	8	39
10:30	4	0	0	4	0	0	0	0	0	4	0	4	0	3	2	5	13	59		0	0	0	0	9	39
10:45	5	0	4	9	1	0	0	1	1	0	1	2	0	1	6	7	19	61		0	0	0	0	13	41
11:00	0	0	3	3	0	1	0	1	1	2	2	5	0	4	4	8	17	61		0	0	0	0	12	42
11:15	4	0	0	4	0	0	0	0	2	1	0	3	0	2	2	4	11	60		0	0	1	0	10	44
11:30	2	0	1	3	0	0	0	0	4	1	0	5	0	4	4	8	16	63		0	0	0	0	14	49
11:45	2	0	1	3	1	0	0	1	1	4	0	5	0	2	2	4	13	57		0	0	0	0	7	43
Total	75	9	26	**110**	4	3	4	**11**	44	70	8	**122**	1	50	43	**94**	337			0	0	1	3		219
Avg Hr	15	2	5	**22**	1	1	1	**2**	9	14	2	**24**	0	10	9	**19**	67			0	0	0	1		

Peak hour of the intersection

Pk Hr	16	6	6	28	1	0	4	5	13	16	3	32	1	11	9	21	86	*		0	0	0	2		53
15x4	28	20	16	52	4	0	12	16	24	24	8	48	4	16	16	32	108	+		0	0	0	8		96
PHF	0.57	0.30	0.38	**0.54**	0.25	n/a	0.33	**0.31**	0.54	0.67	0.38	**0.67**	0.25	0.69	0.56	**0.66**	0.80			n/a	n/a	n/a	0.25		0.55

Peak hour of conflicting volumes for the intersection

Pk Hr	16	6	6	28	1	0	4	5	13	16	3	32	1	11	9	21	86	*		0	0	0	2		53
15x4	28	20	16	52	4	0	12	16	24	24	8	48	4	16	16	32	108	+		0	0	0	8		96
PHF	0.57	0.30	0.38	**0.54**	0.25	n/a	0.33	**0.31**	0.54	0.67	0.38	**0.67**	0.25	0.69	0.56	**0.66**	0.80			n/a	n/a	n/a	0.25		0.55



MD Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	5	1	2	8	0	0	0	0	0	4	0	4	0	4	2	6	18			0	0	0	0	11	
12:15	5	2	0	7	0	0	0	0	0	3	0	3	0	5	6	11	21			0	0	0	0	16	
12:30	0	0	2	2	0	2	0	2	1	3	0	4	0	5	2	7	15			0	0	0	0	10	
12:45	3	0	2	5	0	0	0	0	1	1	0	2	0	4	2	6	13	67		0	0	0	0	10	47
13:00	1	0	0	1	0	0	0	0	2	2	0	4	0	5	2	7	12	61		0	0	0	0	10	46
13:15	3	1	1	5	0	2	0	2	1	1	0	2	0	4	6	10	19	59		0	0	0	0	16	46
13:30	4	0	1	5	0	0	0	0	0	0	0	0	0	4	2	6	11	55		0	0	0	0	10	46
13:45	3	0	0	3	0	1	0	1	0	2	2	4	1	4	2	7	15	57	*	0	0	0	0	10	46
14:00	2	1	5	8	0	0	0	0	1	4	0	5	0	4	2	6	19	64	*	0	0	0	0	13	49
14:15	3	0	3	6	1	2	0	3	0	0	0	0	2	7	10	19	28	73	+	0	0	0	0	22	55
14:30	0	0	2	2	0	1	0	1	0	3	0	3	0	4	6	10	16	78	*	0	0	0	0	12	57
14:45	3	0	2	5	0	1	1	2	0	2	0	2	0	4	2	6	15	78		0	0	0	0	11	58
n/a																									
n/a																									
n/a																									
n/a																									
Total	32	5	20	**57**	1	9	1	**11**	6	25	2	**33**	3	54	44	**101**	202			0	0	0	0		146
Avg Hr	11	2	7	**19**	0	3	0	**4**	2	8	1	**11**	1	18	15	**34**	67			0	0	0	0		

Peak hour of the intersection

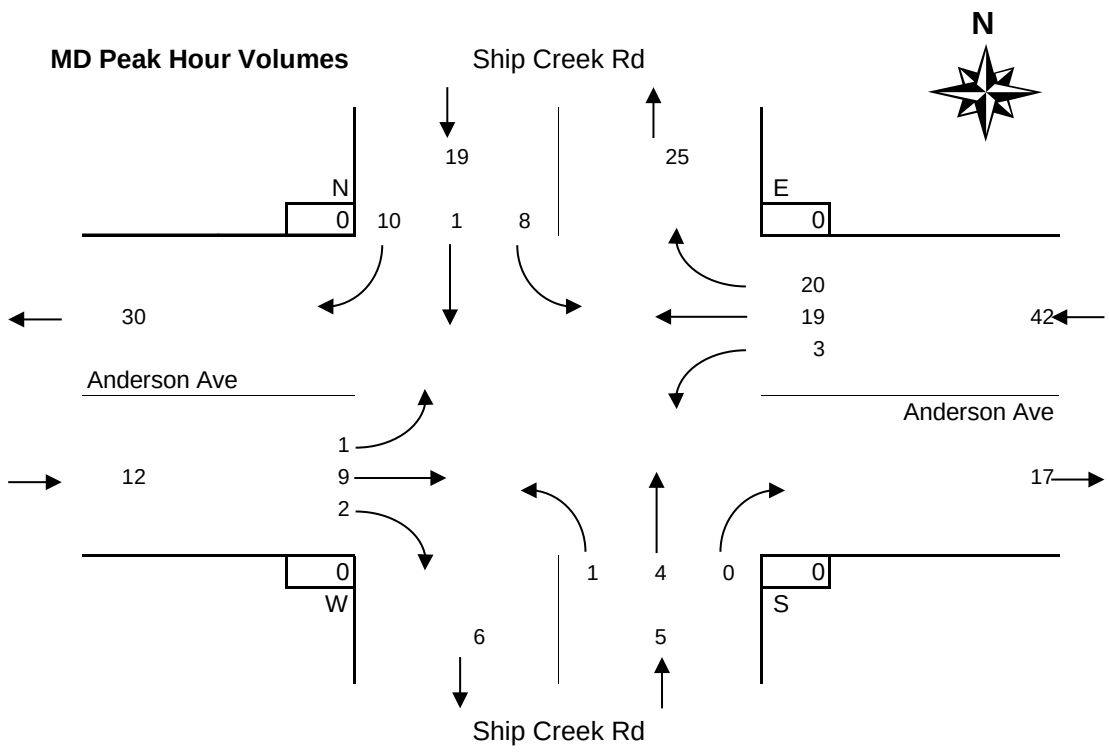
Pk Hr	8	1	10	19	1	4	0	5	1	9	2	12	3	19	20	42	78	*		0	0	0	0		52
15x4	12	4	20	32	4	8	0	12	4	16	8	20	8	28	40	76	112	+		0	0	0	0		100
PHF	0.67	0.25	0.50	**0.59**	0.25	0.50	n/a	**0.42**	0.25	0.56	0.25	**0.60**	0.38	0.68	0.50	**0.55**	0.70			n/a	n/a	n/a	n/a		0.52

Peak hour of conflicting volumes for the intersection

Pk Hr	8	1	10	19	1	4	0	5	1	9	2	12	3	19	20	42	78	*		0	0	0	0		52
15x4	12	4	20	32	4	8	0	12	4	16	8	20	8	28	40	76	112	+		0	0	0	0		100
PHF	0.67	0.25	0.50	**0.59**	0.25	0.50	n/a	**0.42**	0.25	0.56	0.25	**0.60**	0.38	0.68	0.50	**0.55**	0.70			n/a	n/a	n/a	n/a		0.52

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

MD Peak Hour Volumes



PM Peak Period
Regular Vehicles

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

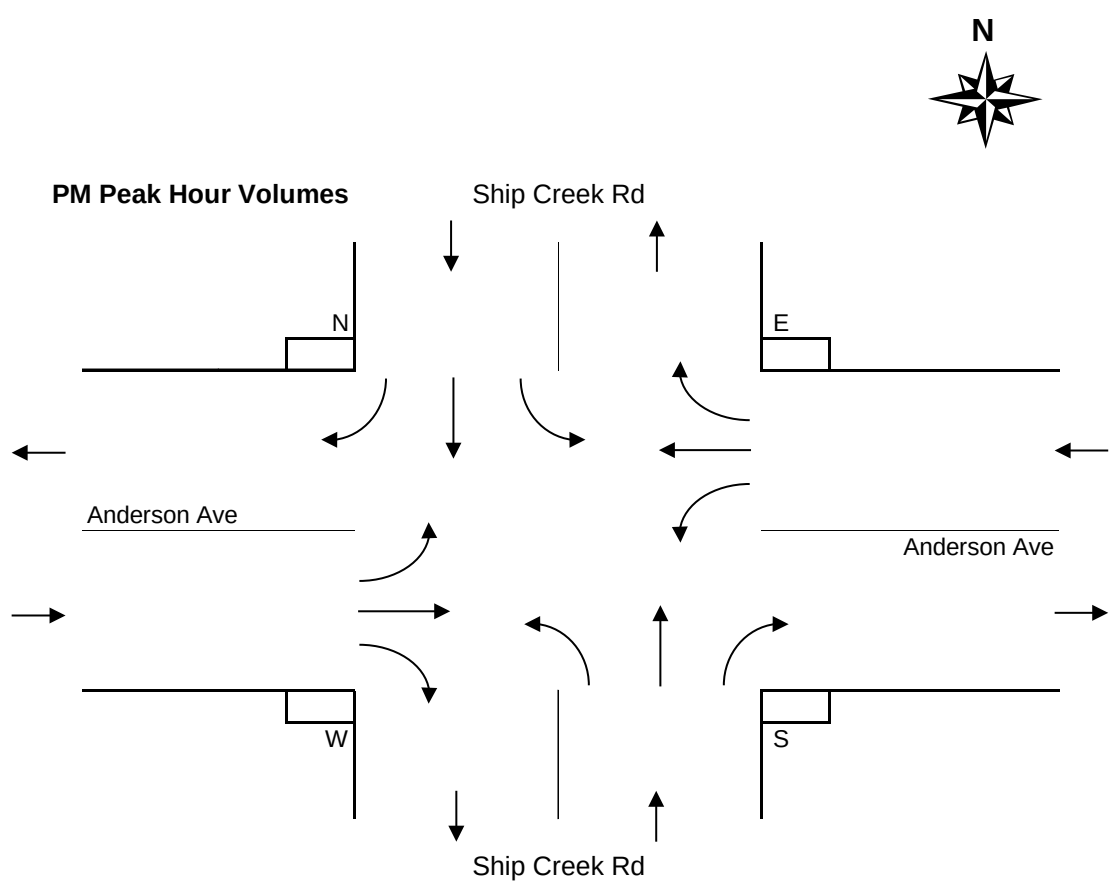
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	107	14	46	**167**	5	12	5	**22**	50	95	10	**155**	4	104	87	**195**	539	0	0	1	3
Avg Hr	13	2	6	**21**	1	2	1	**3**	6	12	1	**19**	1	13	11	**24**	67	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	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	75	9	26	**110**	4	3	4	**11**	44	70	8	**122**	1	50	43	**94**	337	0	0	1	3
Avg Hr	15	2	5	**22**	1	1	1	**2**	9	14	2	**24**	0	10	9	**19**	67	0	0	0	1

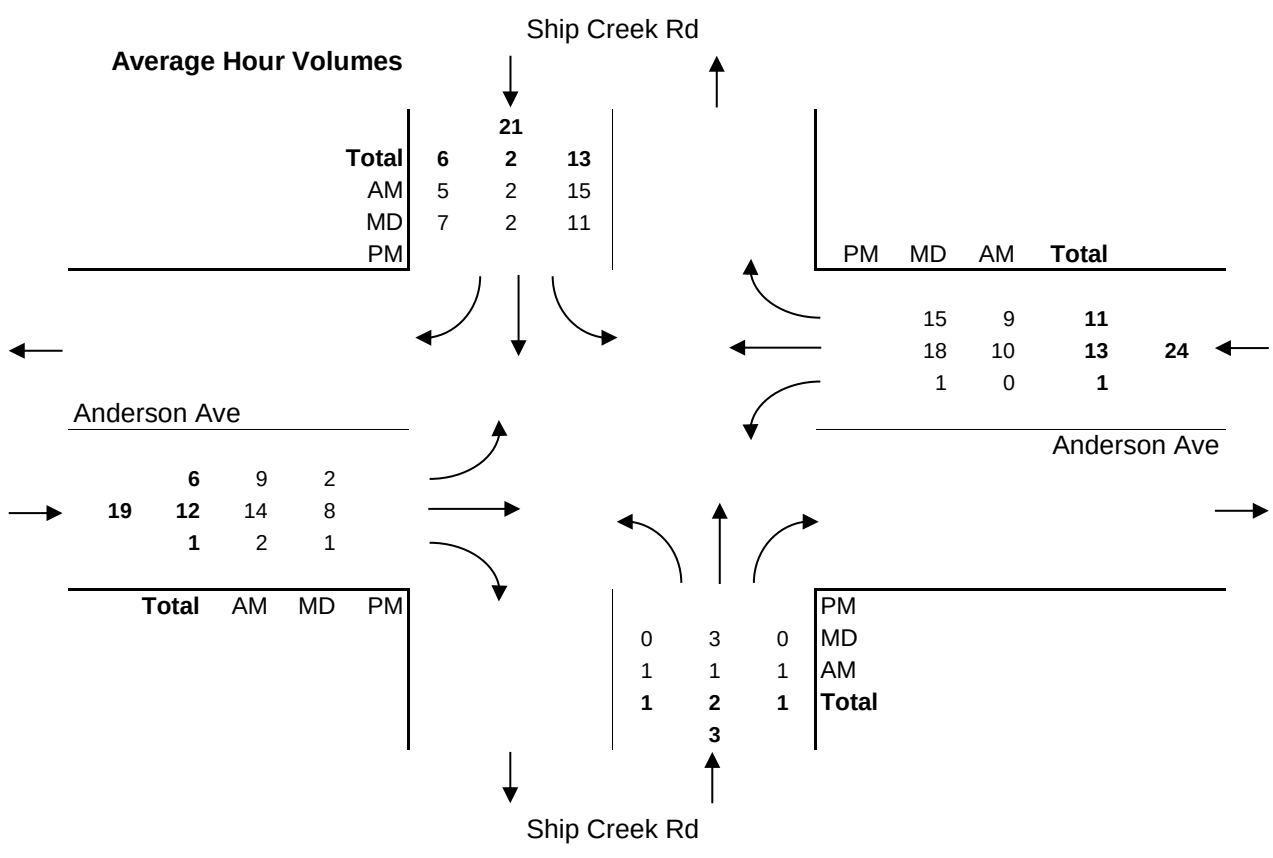
MD Peak Period
3 Hours

	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	32	5	20	**57**	1	9	1	**11**	6	25	2	**33**	3	54	44	**101**	202	0	0	0	0
Avg Hr	11	2	7	**19**	0	3	0	**4**	2	8	1	**11**	1	18	15	**34**	67	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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	2	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**	2		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	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	2	**2**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**3**			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	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	1		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Buses

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

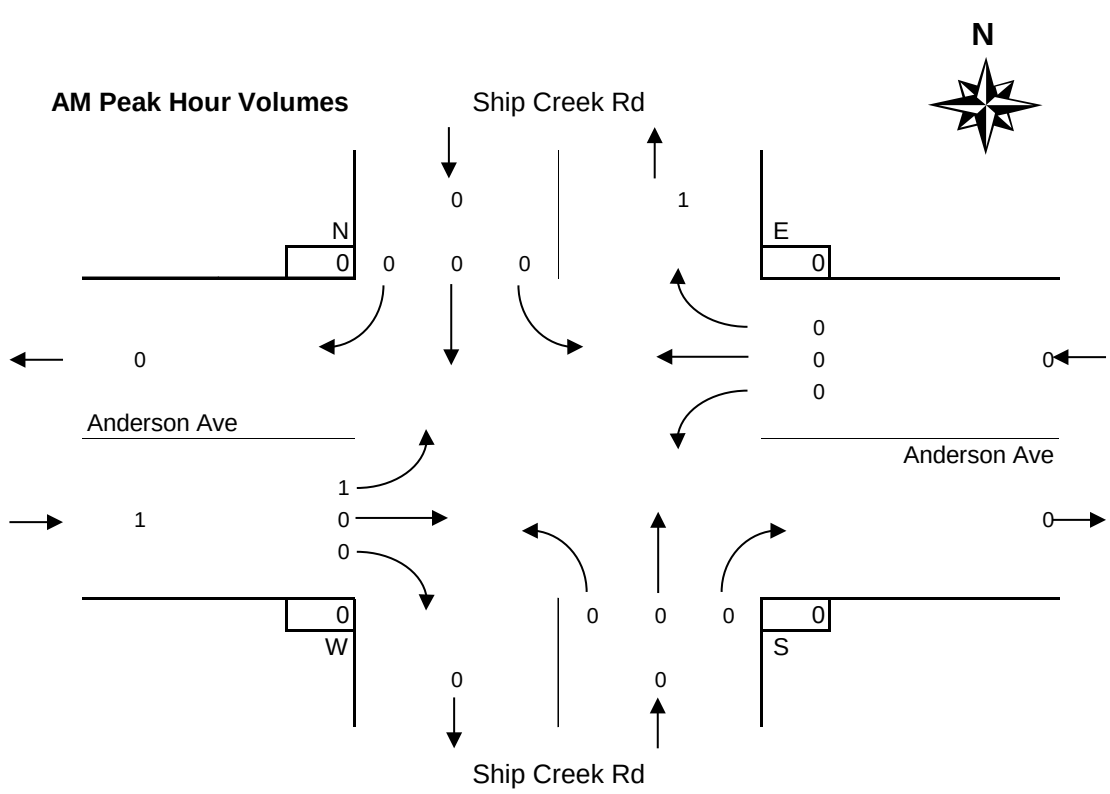
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	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	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2		0	0	0	0	2	2
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	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	2	**2**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	3			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	1	0	0	1	0	0	0	0	1	*		0	0	0	0		1
15x4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	4	+		0	0	0	0		4
PHF	n/a	n/a	n/a	**n/a**	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	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	*		0	0	0	0		1
15x4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	4	+		0	0	0	0		4
PHF	n/a	n/a	n/a	**n/a**	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



MD Peak Period
Buses

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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

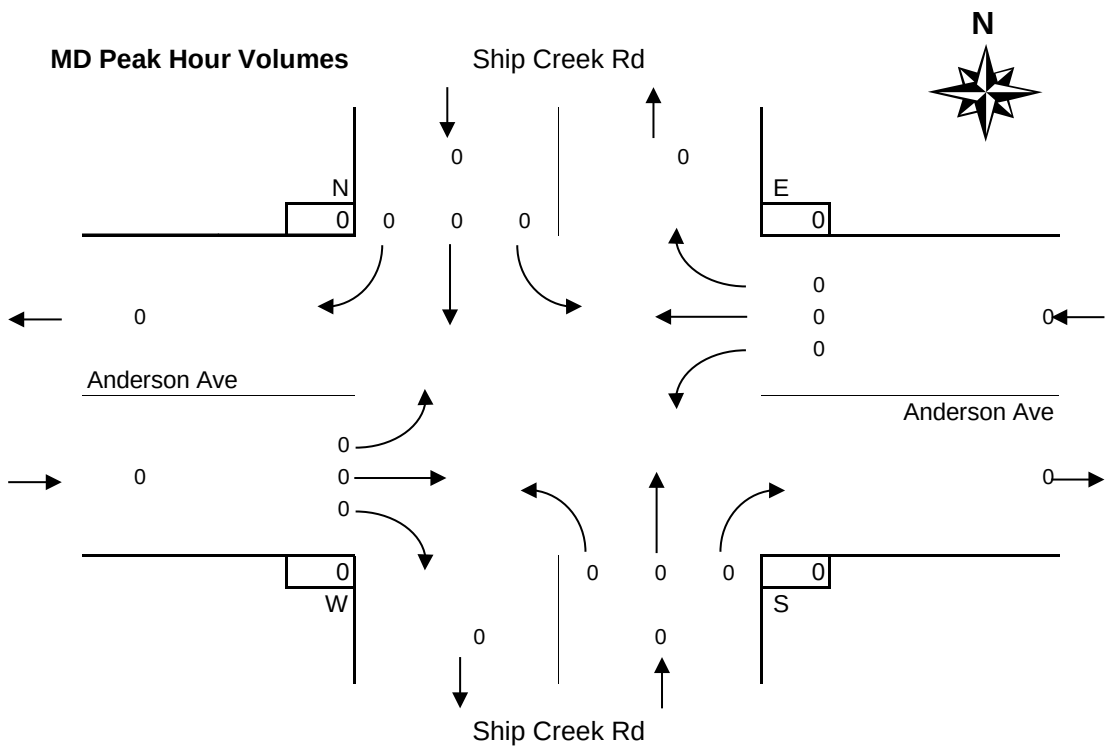
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

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

** 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
Tuesday, September 26, 2017

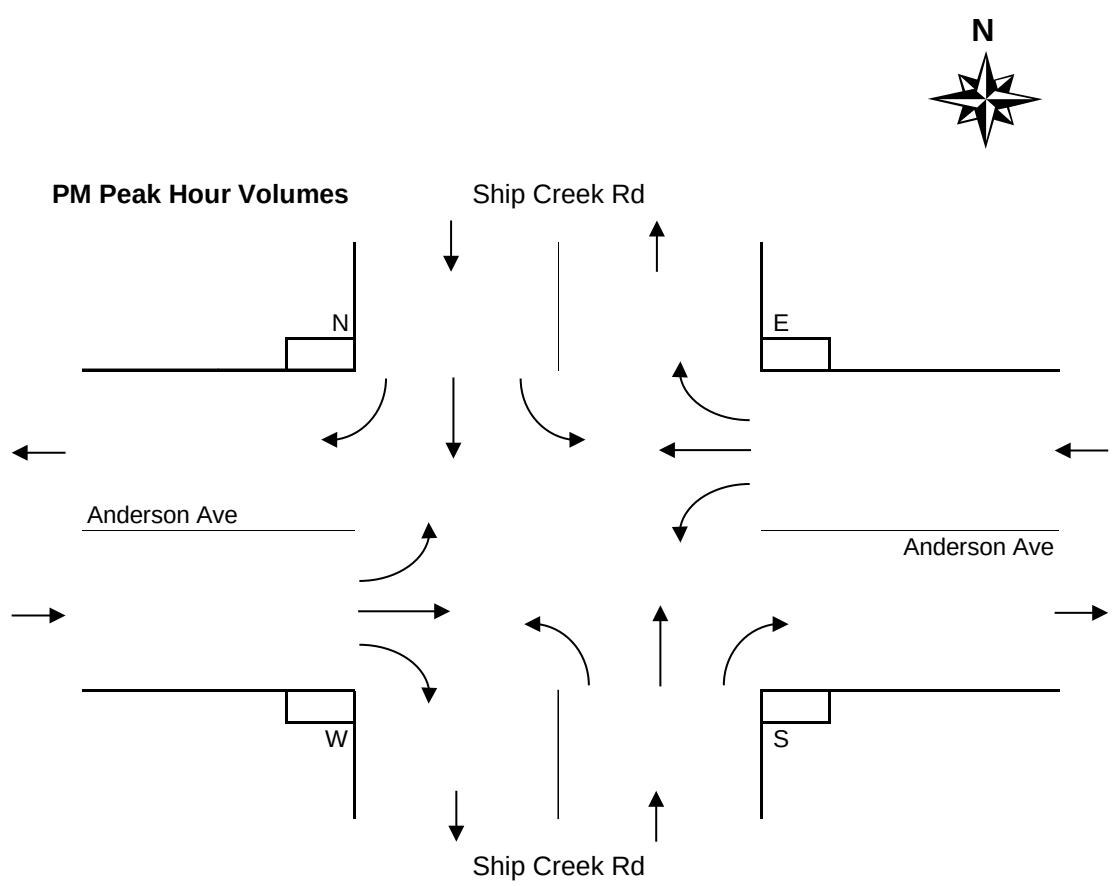
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	3	**3**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	4	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

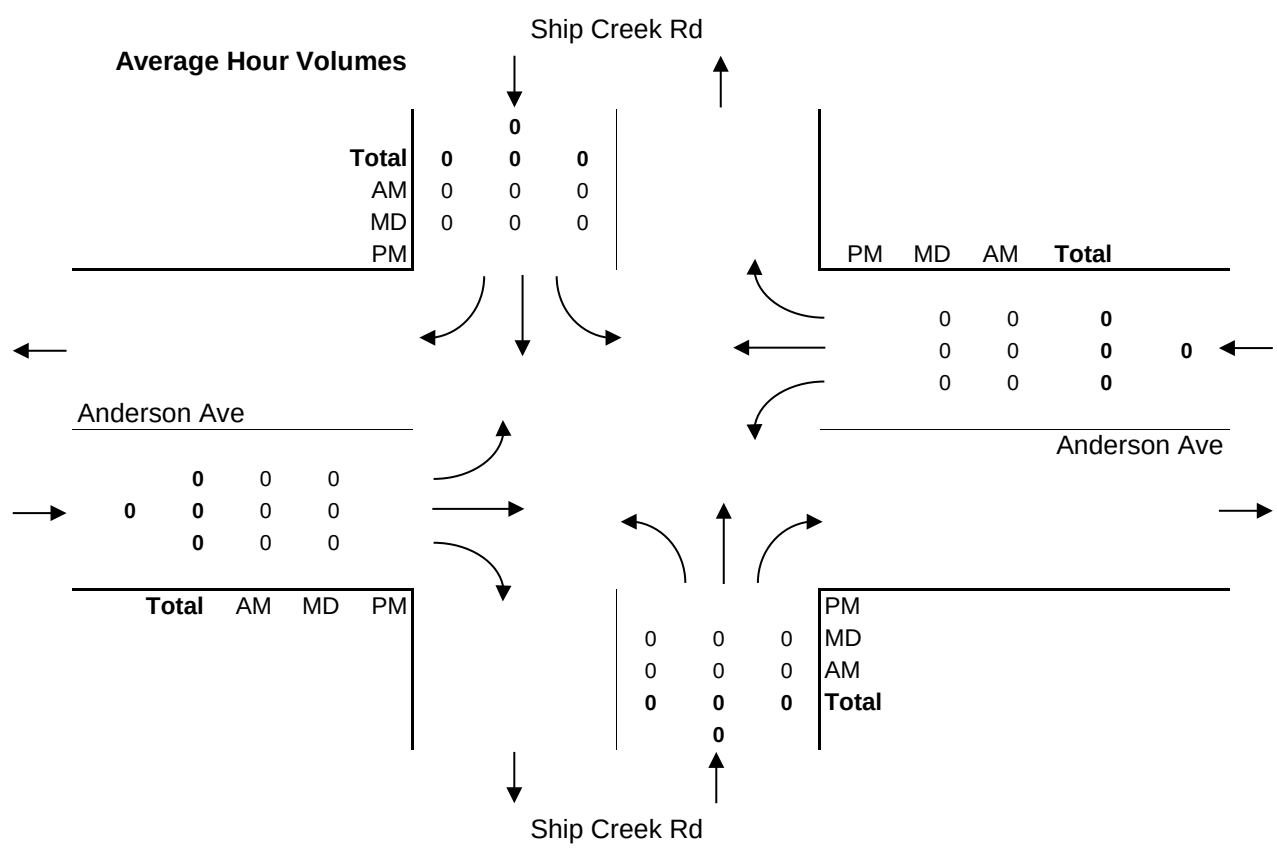
	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	0	0	2	**2**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	3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

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																					



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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	1	0	**1**	0	1	0	**1**	**3**			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	1	0	**1**	**1**	4		0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	1	**2**	**3**	7		0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	6		0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6	*	0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	1	1	0	**2**	0	0	0	**0**	**2**	7	+	0	0	0	0
9:00	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**3**	7	*	0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	**3**	8	*	0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	9		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	1	1	**2**	**4**	11		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	2	0	**2**	**3**	11		0	0	0	0
10:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	8		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	1	**2**	**3**	10		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	8		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	6		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	0	1	0	**1**	**4**	10		0	0	0	0
11:30	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	9		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	1	0	**1**	**2**	9		0	0	0	0
Total	3	0	0	**3**	0	0	0	**0**	3	15	0	**18**	0	15	3	**18**	**39**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	1	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	1	0	**1**	**2**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
12:45	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	6		0	0	0	0
13:00	0	0	1	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	7		0	0	0	0
13:15	0	0	1	**1**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**3**	8		0	0	0	0
13:30	2	0	0	**2**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**2**	9		0	0	0	0
13:45	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	1	**2**	**4**	11	*	0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	10	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	8	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	2	0	**2**	**3**	9	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	3	0	3	**6**	0	0	0	**0**	1	5	0	**6**	0	8	2	**10**	**22**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

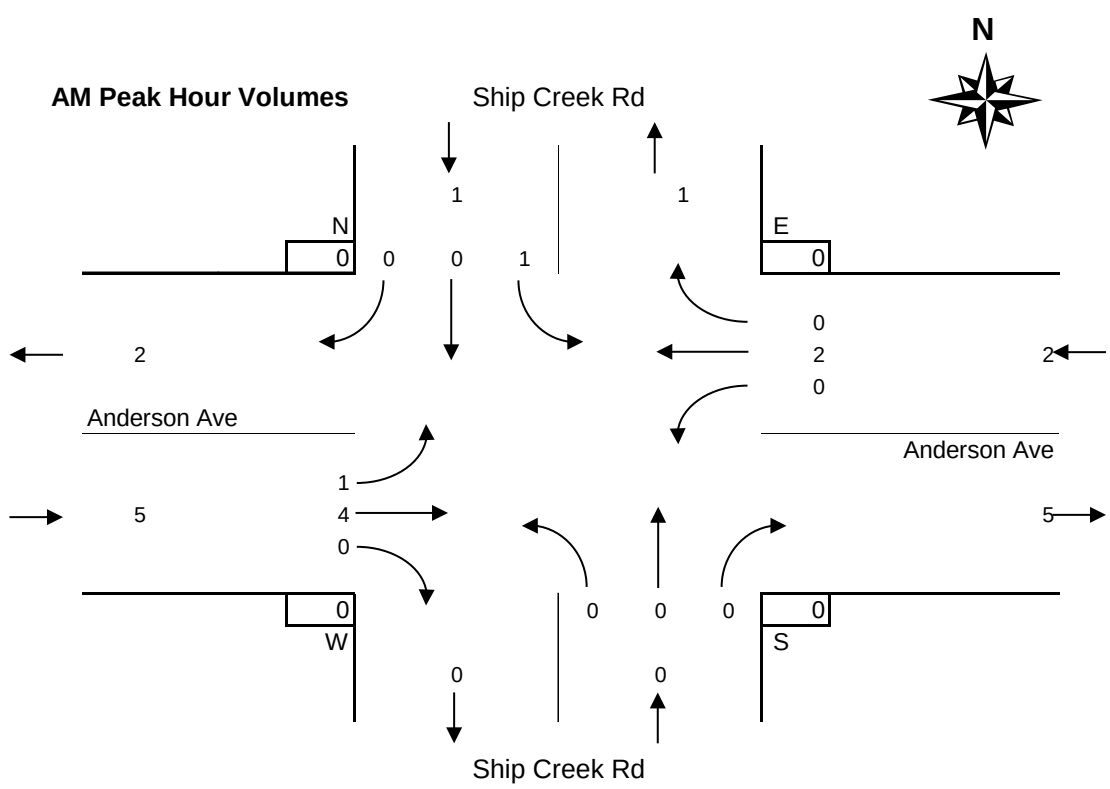
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	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	1	0	1	0	1	0	1	3			0	0	0	0	2	
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	1	0	1	1	4		0	0	0	0	1	3
8:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	3	7		0	0	0	0	2	5
8:15	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	6		0	0	0	0	1	4
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*	0	0	0	0	0	4
8:45	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	2	7	+	0	0	0	0	1	4
9:00	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3	7	*	0	0	0	0	2	4
9:15	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3	8	*	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	9		0	0	0	0	1	6
9:45	0	0	0	0	0	0	0	0	0	2	0	2	0	1	1	2	4	11		0	0	0	0	2	7
10:00	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	2	3	11		0	0	0	0	3	8
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8		0	0	0	0	0	6
10:30	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	3	10		0	0	0	0	2	7
10:45	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	8		0	0	0	0	1	6
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	6		0	0	0	0	1	4
11:15	0	0	0	0	0	0	0	0	0	3	0	3	0	1	0	1	4	10		0	0	0	0	3	7
11:30	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	9		0	0	0	0	2	7
11:45	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	2	9		0	0	0	0	2	8
Total	3	0	0	**3**	0	0	0	**0**	3	15	0	**18**	0	15	3	**18**	39			0	0	0	0		24
Avg Hr	1	0	0	**1**	0	0	0	**0**	1	3	0	**4**	0	3	1	**4**	8			0	0	0	0		

Peak hour of the intersection

Pk Hr	1	0	0	1	0	0	0	0	1	4	0	5	0	2	0	2	8	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	4	8	0	8	0	4	0	4	12	+		0	0	0	0		12
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.25	0.50	n/a	**0.63**	n/a	0.50	n/a	**0.50**	0.67			n/a	n/a	n/a	n/a		0.42

Peak hour of conflicting volumes for the intersection

Pk Hr	1	0	0	1	0	0	0	0	1	4	0	5	0	2	0	2	8	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	4	8	0	8	0	4	0	4	12	+		0	0	0	0		12
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.25	0.50	n/a	**0.63**	n/a	0.50	n/a	**0.50**	0.67			n/a	n/a	n/a	n/a		0.42



MD Peak Period
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	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	1	0	1	2			0	0	0	0	1	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
12:45	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2	6		0	0	0	0	2	5
13:00	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2	7		0	0	0	0	2	6
13:15	0	0	1	1	0	0	0	0	0	1	0	1	0	1	0	1	3	8		0	0	0	0	2	7
13:30	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	9		0	0	0	0	2	8
13:45	1	0	0	1	0	0	0	0	0	1	0	1	0	1	1	2	4	11	*	0	0	0	0	3	9
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	10	*	0	0	0	0	1	8
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	8	+	0	0	0	0	1	7
14:30	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	2	3	9	*	0	0	0	0	3	8
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	5
n/a																									
n/a																									
n/a																									
n/a																									
Total	3	0	3	**6**	0	0	0	**0**	1	5	0	**6**	0	8	2	**10**	22			0	0	0	0		14
Avg Hr	1	0	1	**2**	0	0	0	**0**	0	2	0	**2**	0	3	1	**3**	7			0	0	0	0		

Peak hour of the intersection

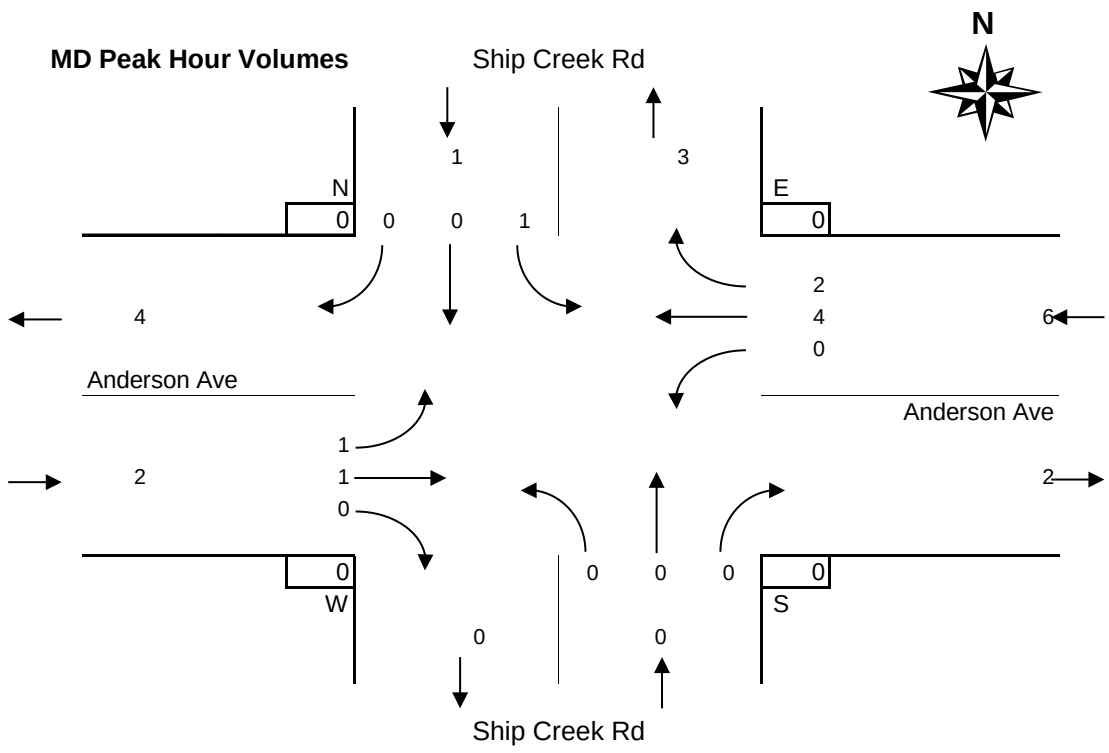
Pk Hr	1	0	0	1	0	0	0	0	1	1	0	2	0	4	2	6	9	*		0	0	0	0		8
15x4	4	0	0	4	0	0	0	0	4	4	0	4	0	8	4	8	16	+		0	0	0	0		20
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.25	0.25	n/a	**0.50**	n/a	0.50	0.50	**0.75**	0.56			n/a	n/a	n/a	n/a		0.40

Peak hour of conflicting volumes for the intersection

Pk Hr	1	0	0	1	0	0	0	0	1	1	0	2	0	4	2	6	9	*		0	0	0	0		8
15x4	4	0	0	4	0	0	0	0	4	4	0	4	0	8	4	8	16	+		0	0	0	0		20
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	0.25	0.25	n/a	**0.50**	n/a	0.50	0.50	**0.75**	0.56			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
Articulated Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

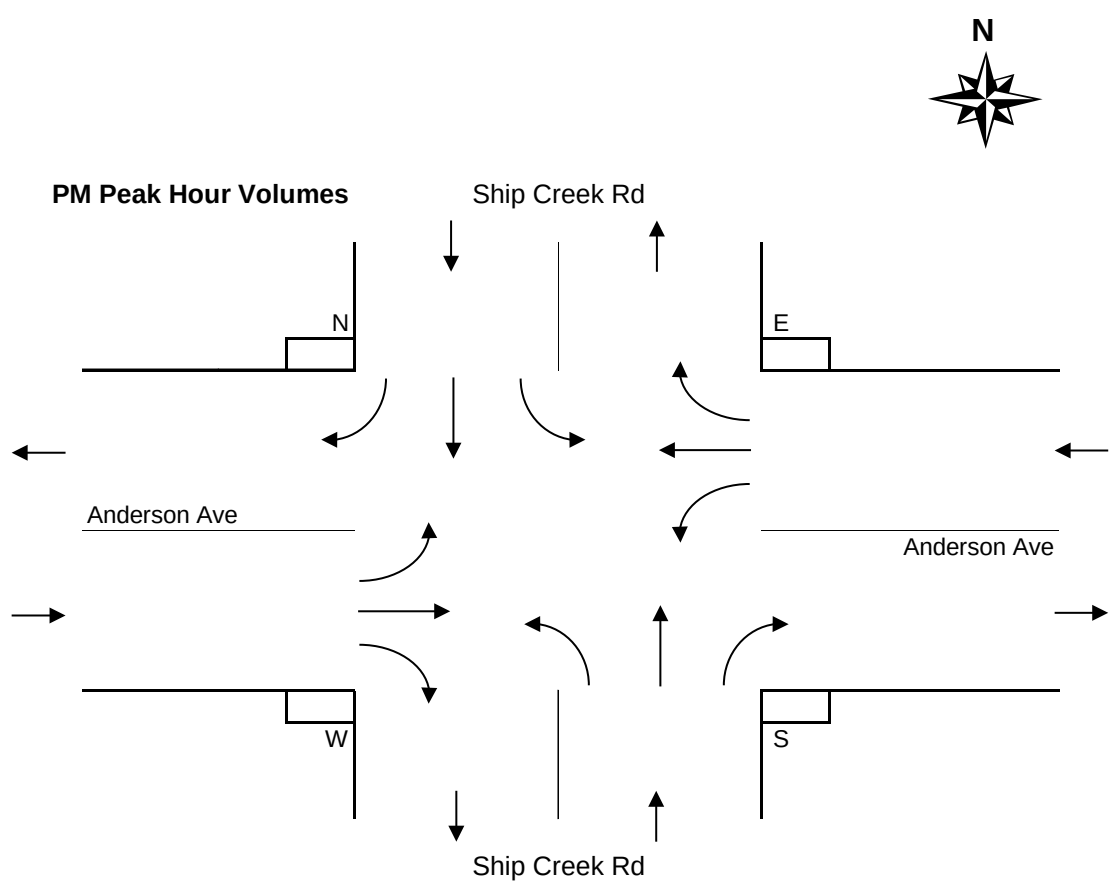
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 2017

Entire Survey Period
8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	6	0	3	**9**	0	0	0	**0**	4	20	0	**24**	0	23	5	**28**	61	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	1	3	0	**3**	0	3	1	**4**	8	0	0	0	0

AM Peak Period
5 Hours

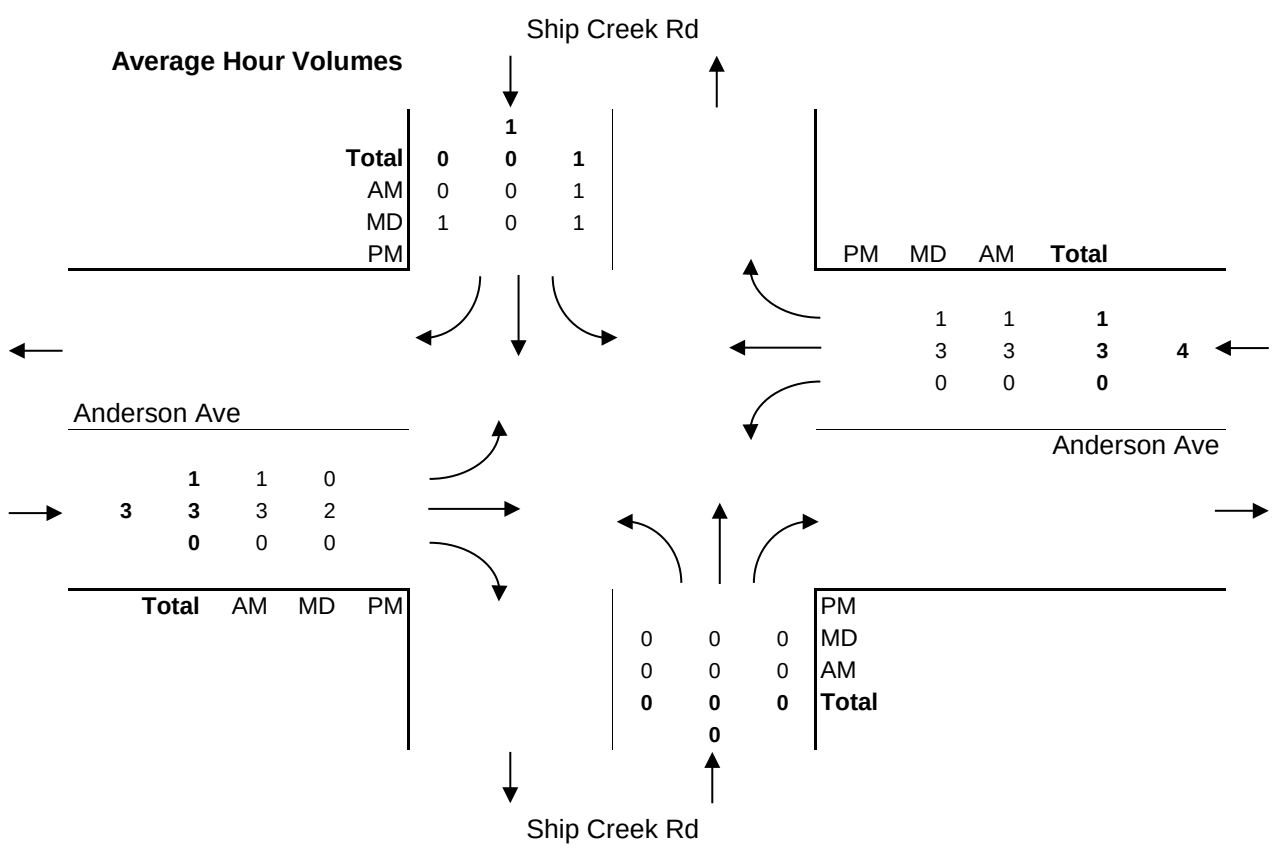
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	3	0	0	**3**	0	0	0	**0**	3	15	0	**18**	0	15	3	**18**	39	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	1	3	0	**4**	0	3	1	**4**	8	0	0	0	0

MD Peak Period
3 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	3	0	3	**6**	0	0	0	**0**	1	5	0	**6**	0	8	2	**10**	22	0	0	0	0
Avg Hr	1	0	1	**2**	0	0	0	**0**	0	2	0	**2**	0	3	1	**3**	7	0	0	0	0

PM Peak Period
Hours

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



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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	1	**1**	**1**			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**	1		0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	2		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	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**	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	1	**1**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**2**	2		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	**1**	3		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	4		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**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
11:45	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	2		0	0	0	0
Total	1	0	1	**2**	0	0	0	**0**	2	1	0	**3**	0	1	1	**2**	**7**			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																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Cube Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	1	1			0	0	0	0	1	
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	1		0	0	0	0	0	1
8:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	2		0	0	0	0	1	2
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	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	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	1	1	0	0	0	0	1	0	0	1	0	0	0	0	2	2		0	0	0	0	2	2
10:30	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	3		0	0	0	0	1	3
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	3
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	4		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	2		0	0	0	0	0	2
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
11:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2		0	0	0	0	1	2
Total	1	0	1	**2**	0	0	0	**0**	2	1	0	**3**	0	1	1	**2**	7			0	0	0	0		5
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**1**	0	0	0	**0**	1			0	0	0	0		

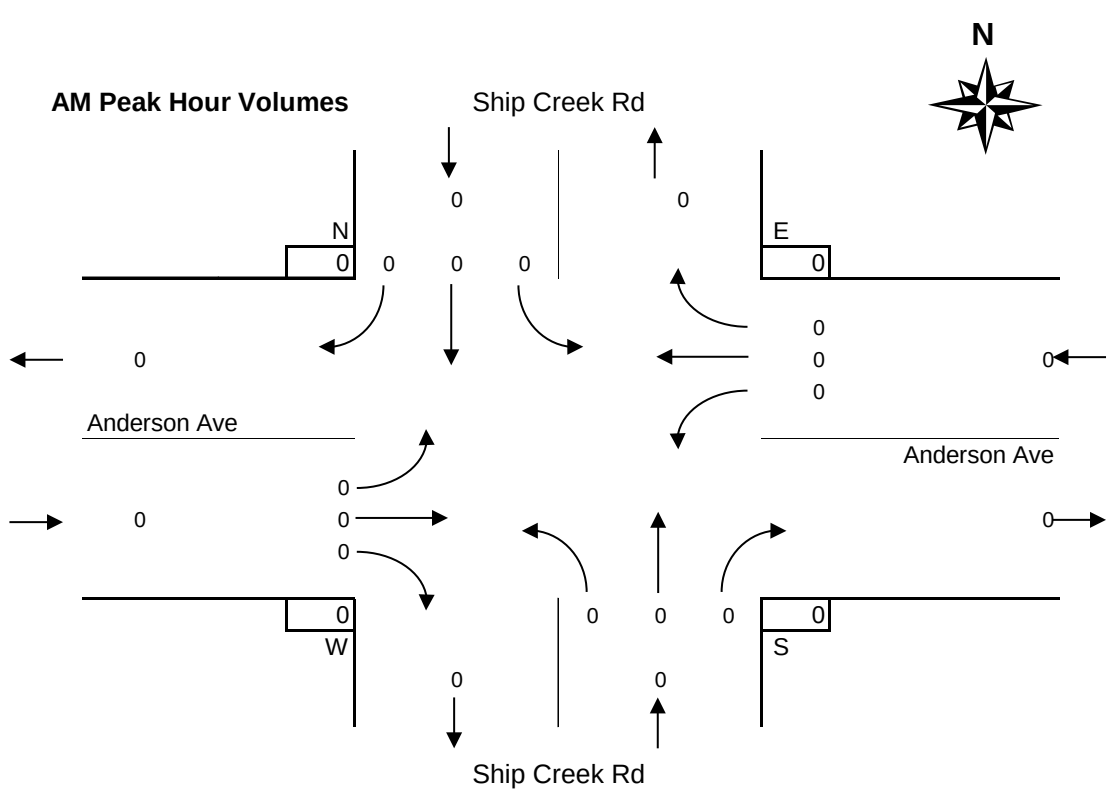
Peak hour of the intersection

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

AM Peak Hour Volumes



MD Peak Period
Cube Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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

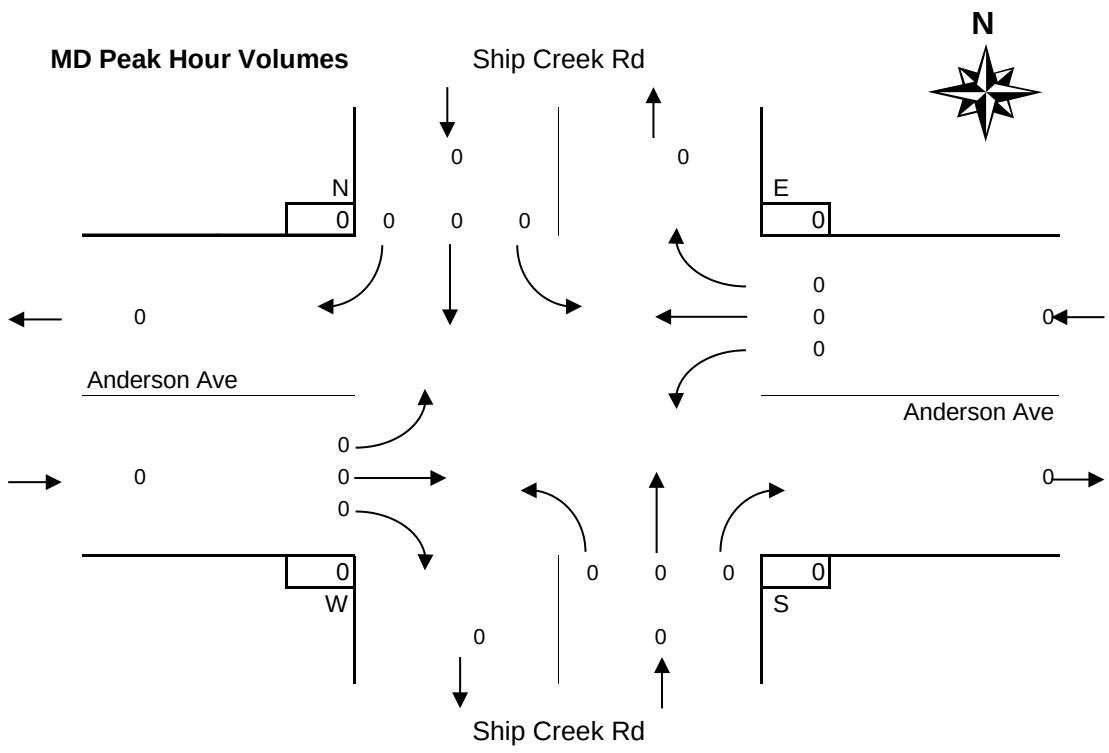
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

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
Cube Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

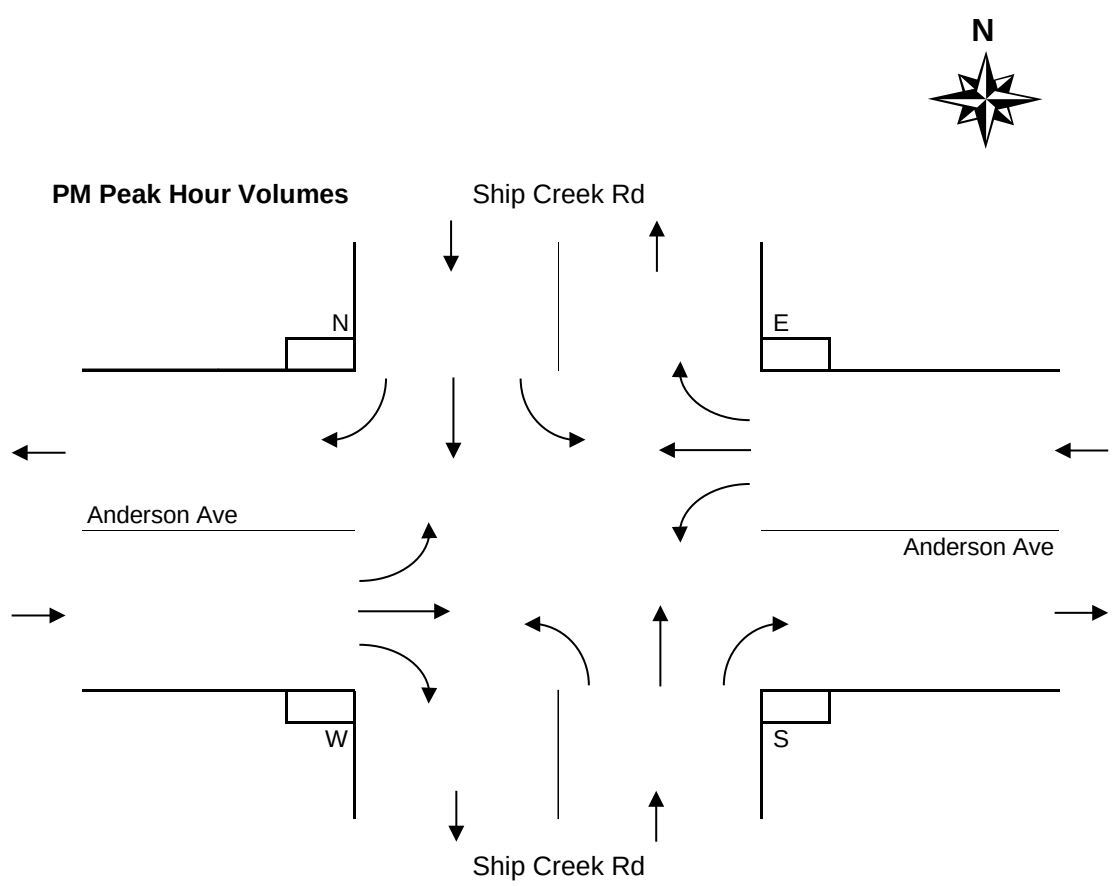
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	1	**2**	0	0	0	**0**	2	1	0	**3**	0	1	1	**2**	7	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	1	0	1	**2**	0	0	0	**0**	2	1	0	**3**	0	1	1	**2**	7	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**1**	0	0	0	**0**	1	0	0	0	0

MD Peak Period

3 Hours

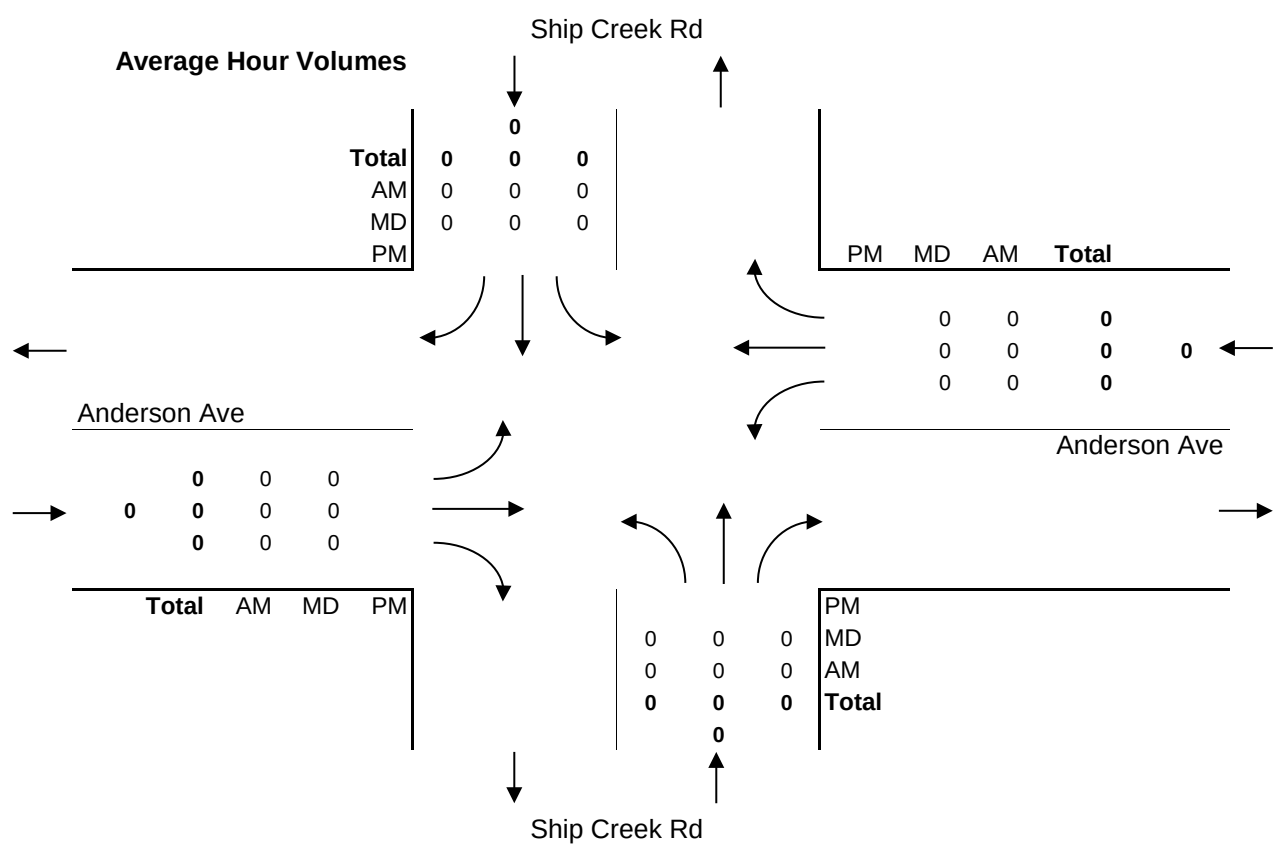
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	0	0	**0**	**1**			0	0	0	0
7:30	1	0	0	**1**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**3**			0	0	0	0
7:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	1	**3**	**3**	7		0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	9		0	0	0	0
8:15	2	1	0	**3**	0	1	0	**1**	0	0	0	**0**	0	0	0	**0**	**4**	12		0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	10	*	0	0	0	0
8:45	2	1	0	**3**	0	1	0	**1**	0	2	0	**2**	0	0	1	**1**	**7**	14	+	0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	13	*	0	0	0	0
9:15	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	1	**2**	**4**	13	*	0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	13		0	0	0	0
9:45	0	0	1	**1**	0	0	0	**0**	0	0	0	**0**	0	1	3	**4**	**5**	11		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	10		0	0	0	0
10:15	2	0	0	**2**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**3**	9		0	0	0	0
10:30	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**3**	11		0	0	0	0
10:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7		0	0	0	0
11:00	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	0	0	0	**0**	**2**	9		0	0	0	0
11:15	1	0	0	**1**	1	0	0	**1**	0	1	0	**1**	0	0	0	**0**	**3**	9		0	0	0	0
11:30	0	1	0	**1**	1	0	0	**1**	0	0	0	**0**	0	2	1	**3**	**5**	11		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**2**	12		0	0	0	0
Total	11	3	1	**15**	2	2	0	**4**	0	10	1	**11**	0	9	12	**21**	**51**			0	0	0	0
12:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**3**			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	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	**2**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6		0	0	0	0
13:00	1	2	0	**3**	0	1	0	**1**	0	0	0	**0**	0	2	0	**2**	**6**	9		0	0	0	0
13:15	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	0	0	1	**1**	**3**	11		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	10		0	0	0	0
13:45	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	**4**	14	*	0	0	0	0
14:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**2**	10	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	8	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	8	*	0	0	0	0
14:45	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**3**	7		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	6	2	0	**8**	0	2	0	**2**	0	6	0	**6**	0	7	4	**11**	**27**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Dump Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	0	0	0	1			0	0	0	0	1	
7:30	1	0	0	1	0	0	0	0	0	2	0	2	0	0	0	0	3			0	0	0	0	3	
7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	3	7		0	0	0	0	3	7
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	9		0	0	0	0	2	9
8:15	2	1	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4	12		0	0	0	0	3	11
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	10	*	0	0	0	0	1	9
8:45	2	1	0	3	0	1	0	1	0	2	0	2	0	0	1	1	7	14	+	0	0	0	0	5	11
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	13	*	0	0	0	0	1	10
9:15	1	0	0	1	0	0	0	0	0	1	0	1	0	1	1	2	4	13	*	0	0	0	0	3	10
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	13		0	0	0	0	1	10
9:45	0	0	1	1	0	0	0	0	0	0	0	0	0	1	3	4	5	11		0	0	0	0	5	10
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10		0	0	0	0	0	9
10:15	2	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3	9		0	0	0	0	3	9
10:30	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3	11		0	0	0	0	3	11
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7		0	0	0	0	1	7
11:00	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2	9		0	0	0	0	2	9
11:15	1	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0	3	9		0	0	0	0	2	8
11:30	0	1	0	1	1	0	0	1	0	0	0	0	0	2	1	3	5	11		0	0	0	0	5	10
11:45	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	12		0	0	0	0	2	11
Total	11	3	1	**15**	2	2	0	**4**	0	10	1	**11**	0	9	12	**21**	51			0	0	0	0		34
Avg Hr	2	1	0	**3**	0	0	0	**1**	0	2	0	**2**	0	2	2	**4**	10			0	0	0	0		

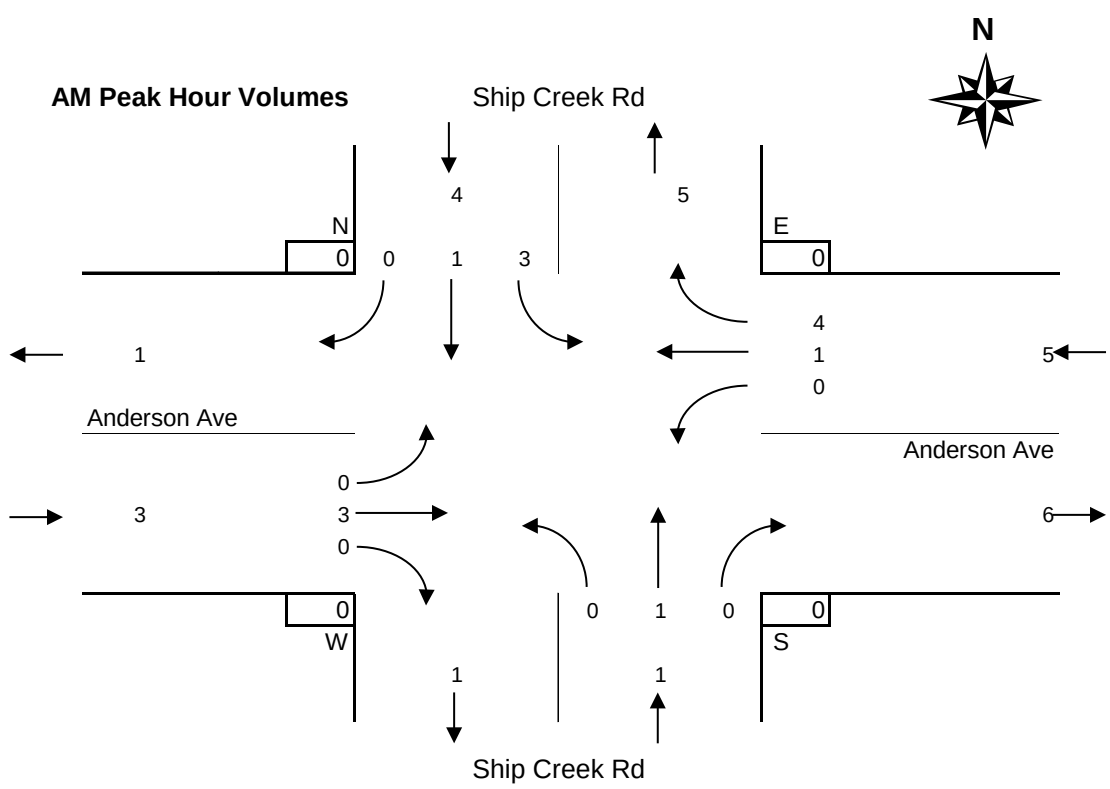
Peak hour of the intersection

Pk Hr	3	1	0	4	0	1	0	1	0	3	0	3	0	1	4	5	13	*		0	0	0	0		9
15x4	8	4	0	12	0	4	0	4	0	8	0	8	0	4	4	8	28	+		0	0	0	0		20
PHF	0.38	0.25	n/a	**0.33**	n/a	0.25	n/a	**0.25**	n/a	0.38	n/a	**0.38**	n/a	0.25	1.00	**0.63**	0.46			n/a	n/a	n/a	n/a		0.45

Peak hour of conflicting volumes for the intersection

Pk Hr	3	1	0	4	0	1	0	1	0	3	0	3	0	1	4	5	13	*		0	0	0	0		9
15x4	8	4	0	12	0	4	0	4	0	8	0	8	0	4	4	8	28	+		0	0	0	0		20
PHF	0.38	0.25	n/a	**0.33**	n/a	0.25	n/a	**0.25**	n/a	0.38	n/a	**0.38**	n/a	0.25	1.00	**0.63**	0.46			n/a	n/a	n/a	n/a		0.45

AM Peak Hour Volumes



MD Peak Period
Dump Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	1	2	3			0	0	0	0	3	
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	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2			0	0	0	0	1	
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	5
13:00	1	2	0	3	0	1	0	1	0	0	0	0	0	2	0	2	6	9		0	0	0	0	4	6
13:15	0	0	0	0	0	1	0	1	0	1	0	1	0	0	1	1	3	11		0	0	0	0	2	7
13:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	10		0	0	0	0	1	7
13:45	1	0	0	1	0	0	0	0	0	1	0	1	0	2	0	2	4	14	*	0	0	0	0	3	10
14:00	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	10	*	0	0	0	0	2	8
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	8	+	0	0	0	0	1	7
14:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	8	*	0	0	0	0	1	7
14:45	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3	7		0	0	0	0	2	6
n/a																									
n/a																									
n/a																									
n/a																									
Total	6	2	0	**8**	0	2	0	**2**	0	6	0	**6**	0	7	4	**11**	27			0	0	0	0		19
Avg Hr	2	1	0	**3**	0	1	0	**1**	0	2	0	**2**	0	2	1	**4**	9			0	0	0	0		

Peak hour of the intersection

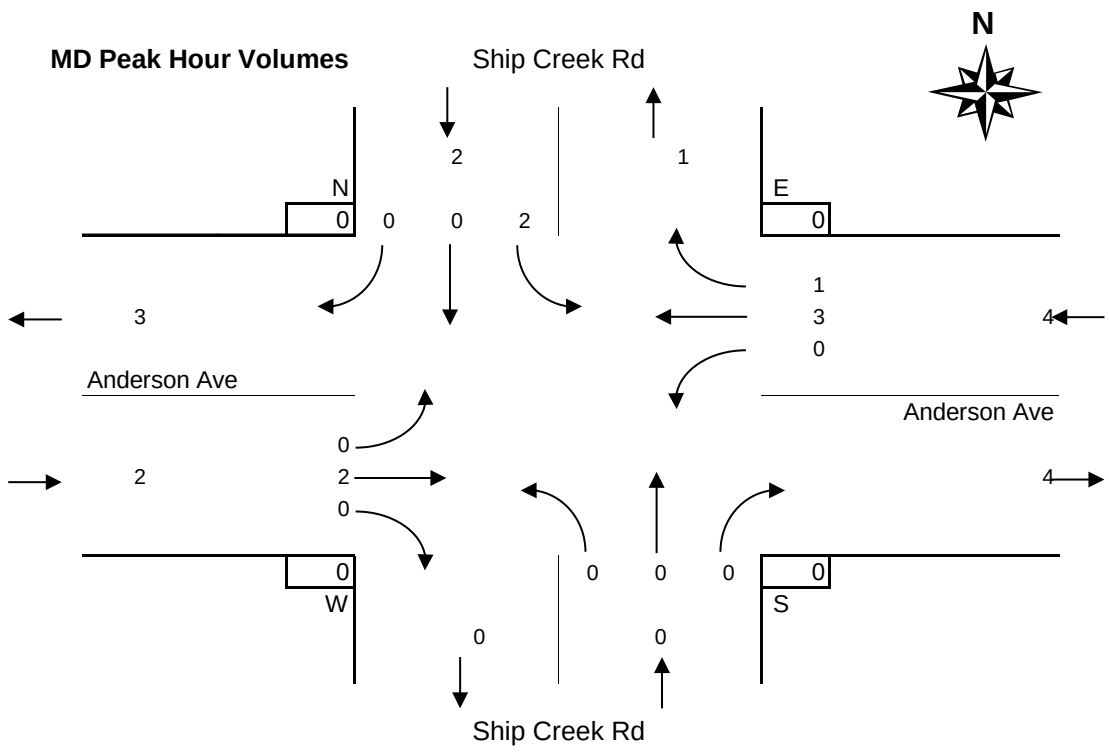
Pk Hr	2	0	0	2	0	0	0	0	0	2	0	2	0	3	1	4	8	*		0	0	0	0		6
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	8	4	8	16	+		0	0	0	0		16
PHF	0.50	n/a	n/a	**0.50**	n/a	n/a	n/a	**n/a**	n/a	0.50	n/a	**0.50**	n/a	0.38	0.25	**0.50**	0.50			n/a	n/a	n/a	n/a		0.38

Peak hour of conflicting volumes for the intersection

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

** 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
Tuesday, September 26, 2017

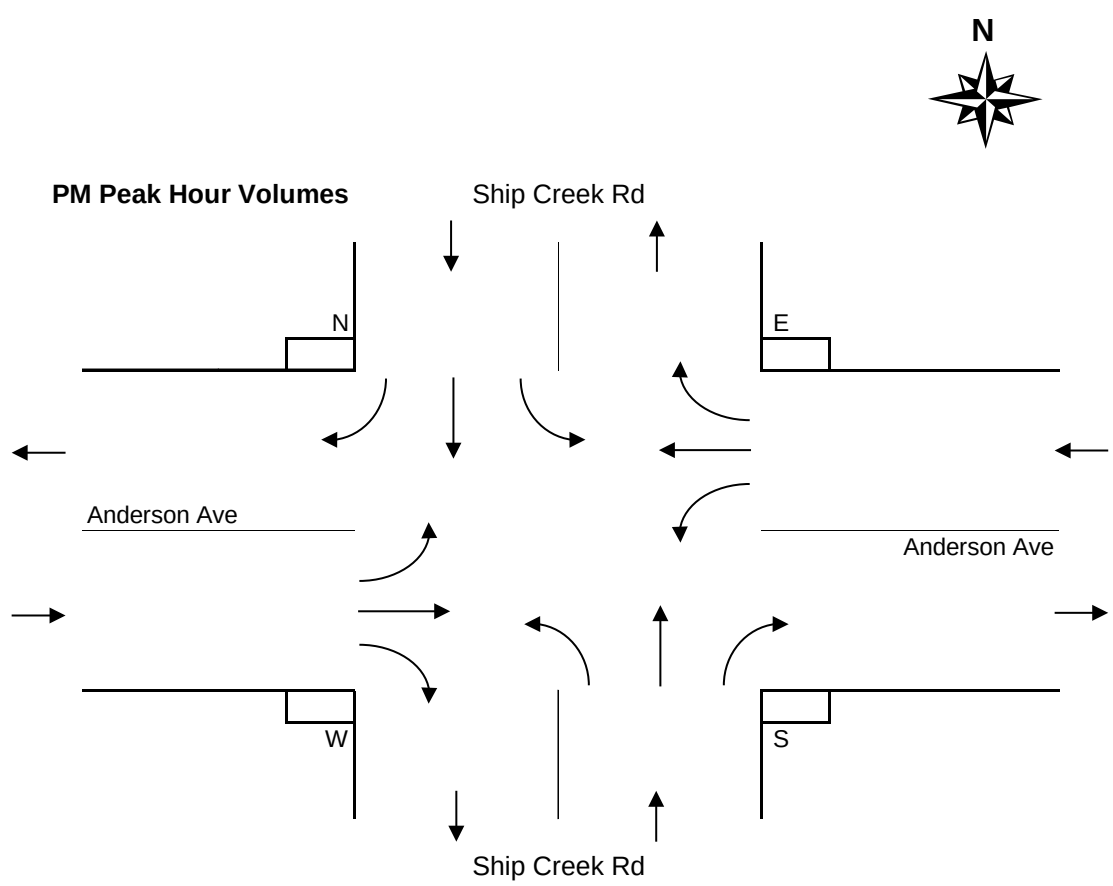
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	17	5	1	**23**	2	4	0	**6**	0	16	1	**17**	0	16	16	**32**	78	0	0	0	0
Avg Hr	2	1	0	**3**	0	1	0	**1**	0	2	0	**2**	0	2	2	**4**	10	0	0	0	0

AM Peak Period
5 Hours

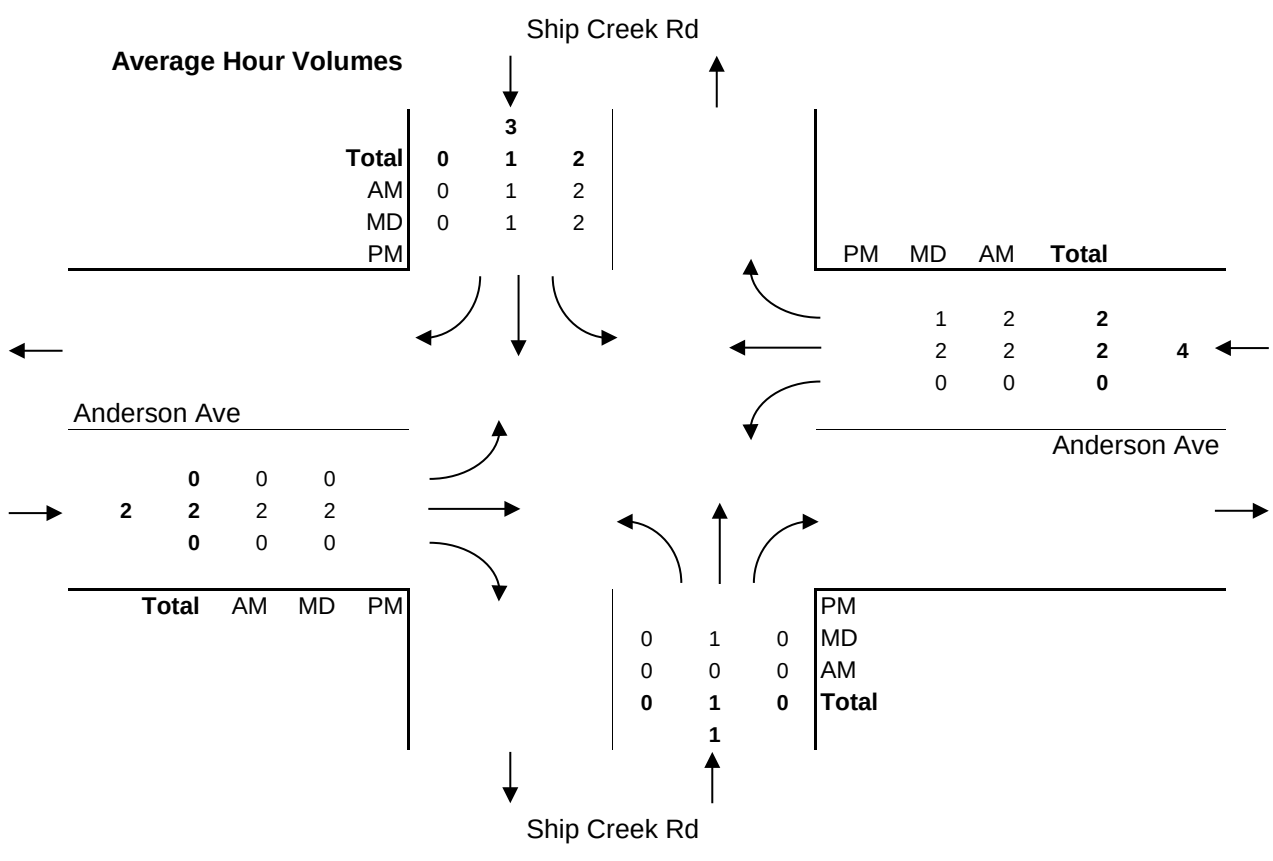
Totals	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Period	11	3	1	**15**	2	2	0	**4**	0	10	1	**11**	0	9	12	**21**	51	0	0	0	0
Avg Hr	2	1	0	**3**	0	0	0	**1**	0	2	0	**2**	0	2	2	**4**	10	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	6	2	0	**8**	0	2	0	**2**	0	6	0	**6**	0	7	4	**11**	27	0	0	0	0
Avg Hr	2	1	0	**3**	0	1	0	**1**	0	2	0	**2**	0	2	1	**4**	9	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																					



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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	1		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**	0	0	0	**0**	0	0	0	**0**	**0**	1	*	0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	0	+	0	0	0	0
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	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

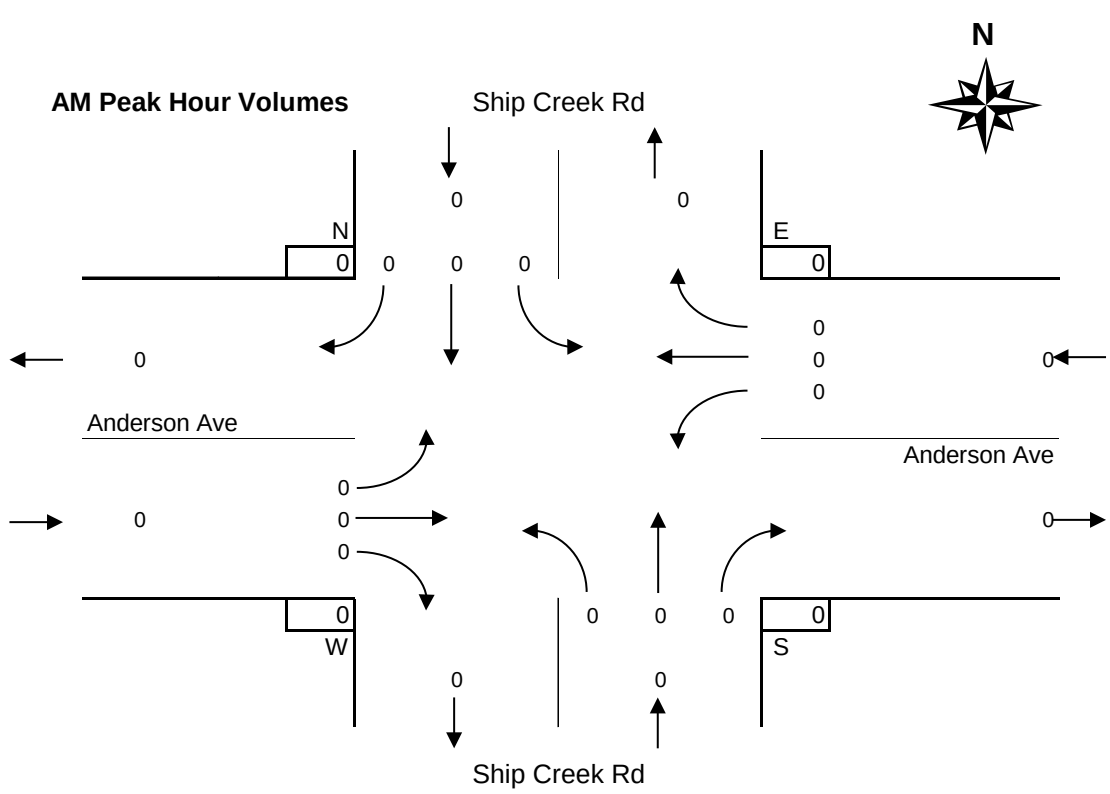
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	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



MD Peak Period
Emergency Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		0	0	0	0	1	1
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	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
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	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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

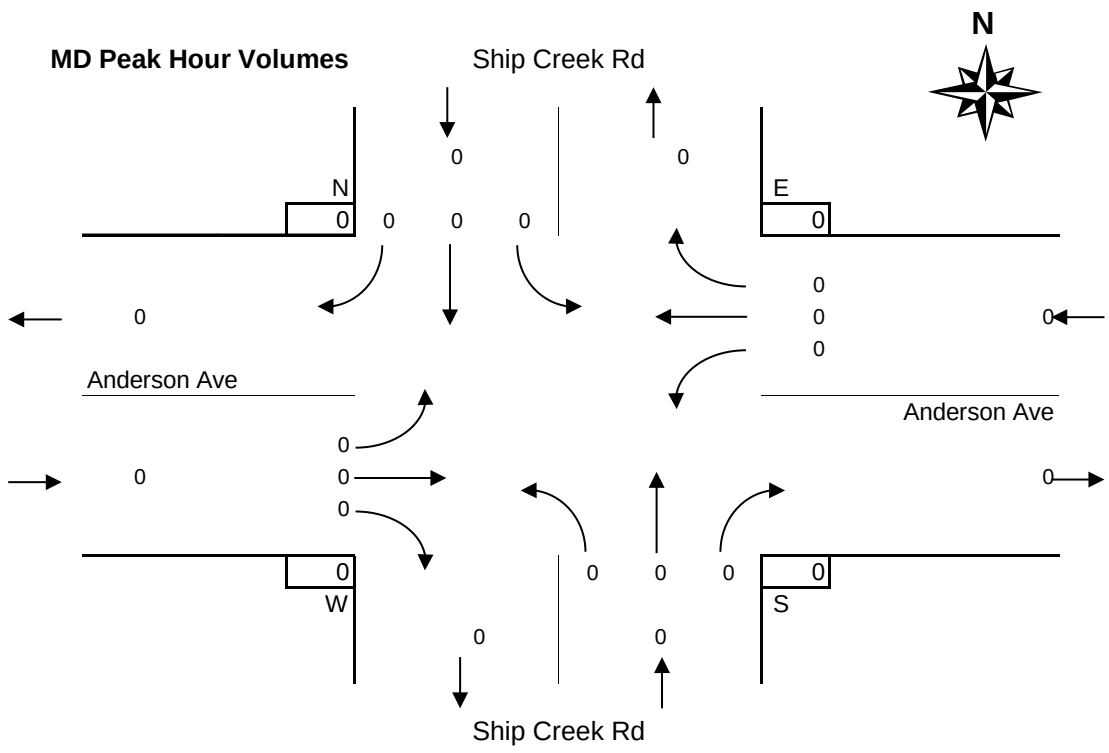
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

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

** 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
Tuesday, September 26, 2017

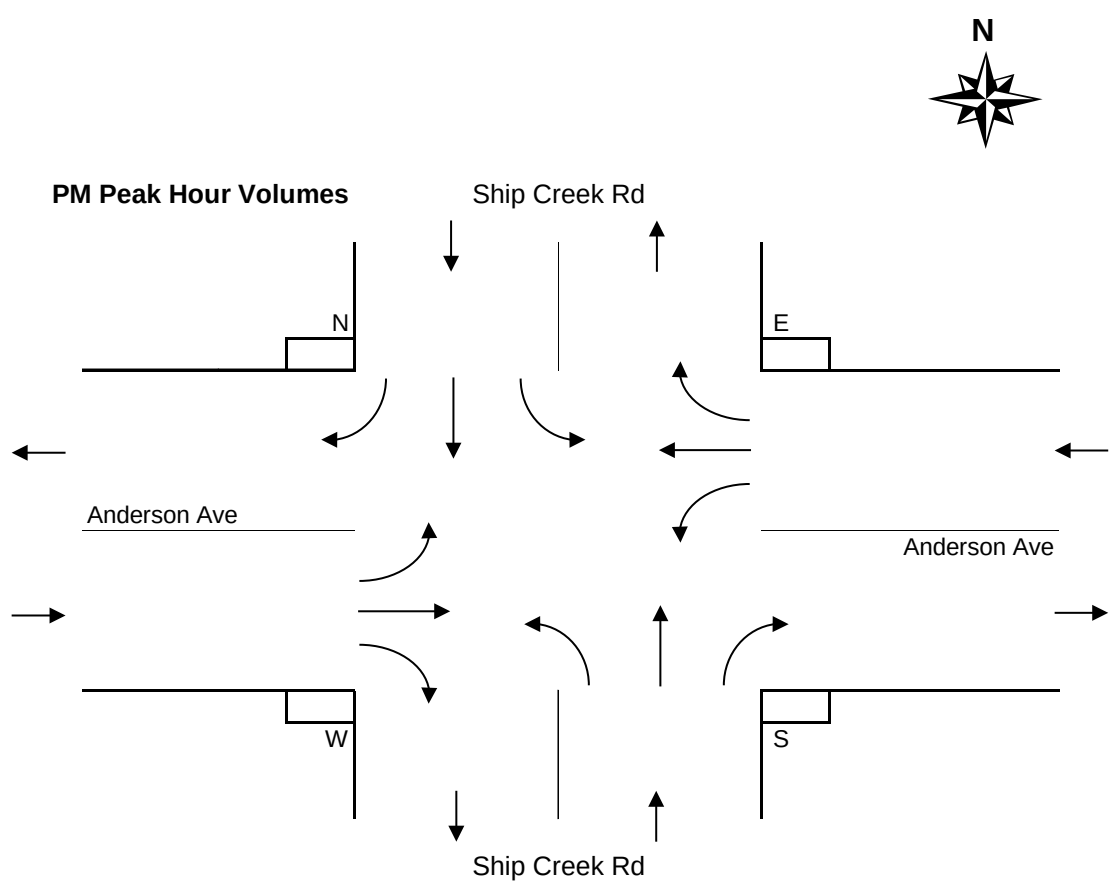
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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	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

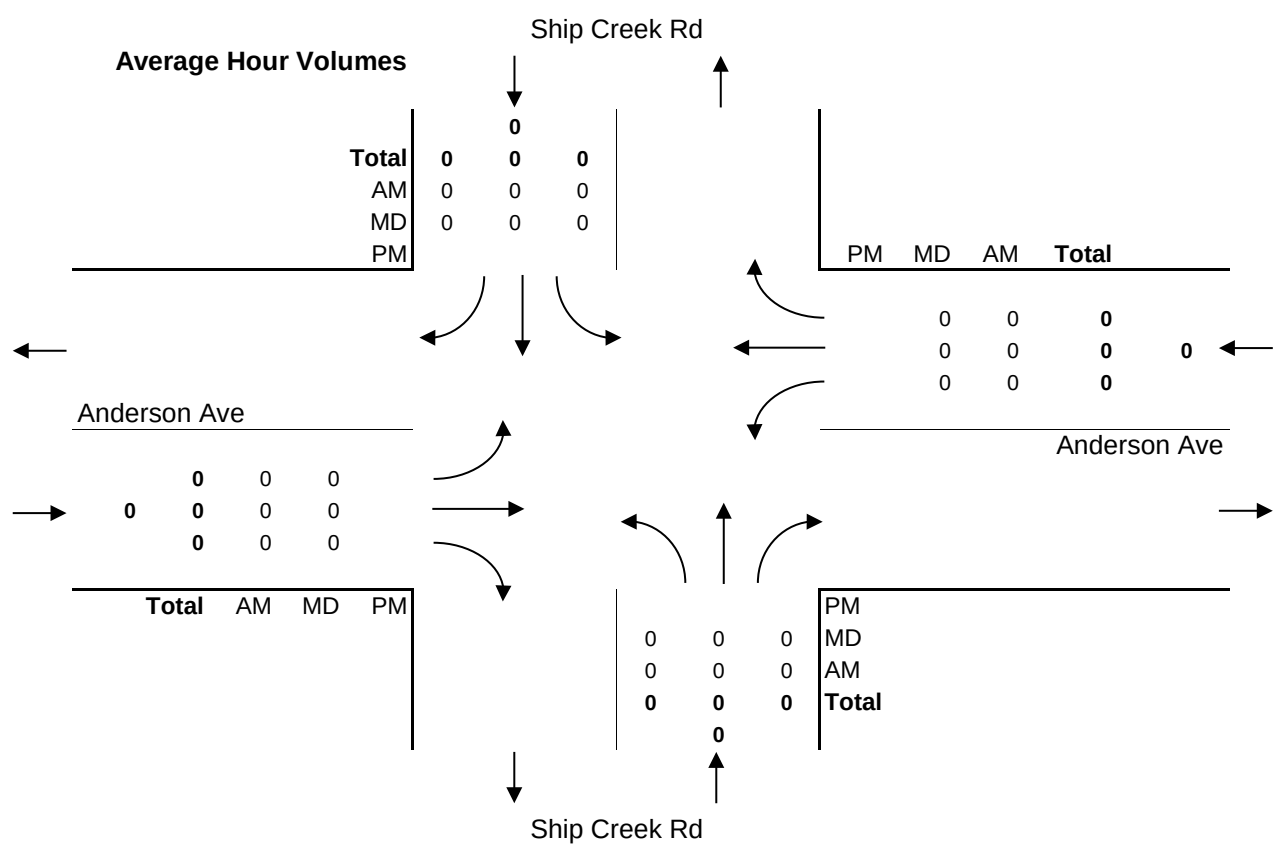
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**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

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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	1	0	**1**	0	0	0	**0**	**1**	1	*	0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	2	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	1		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	**2**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

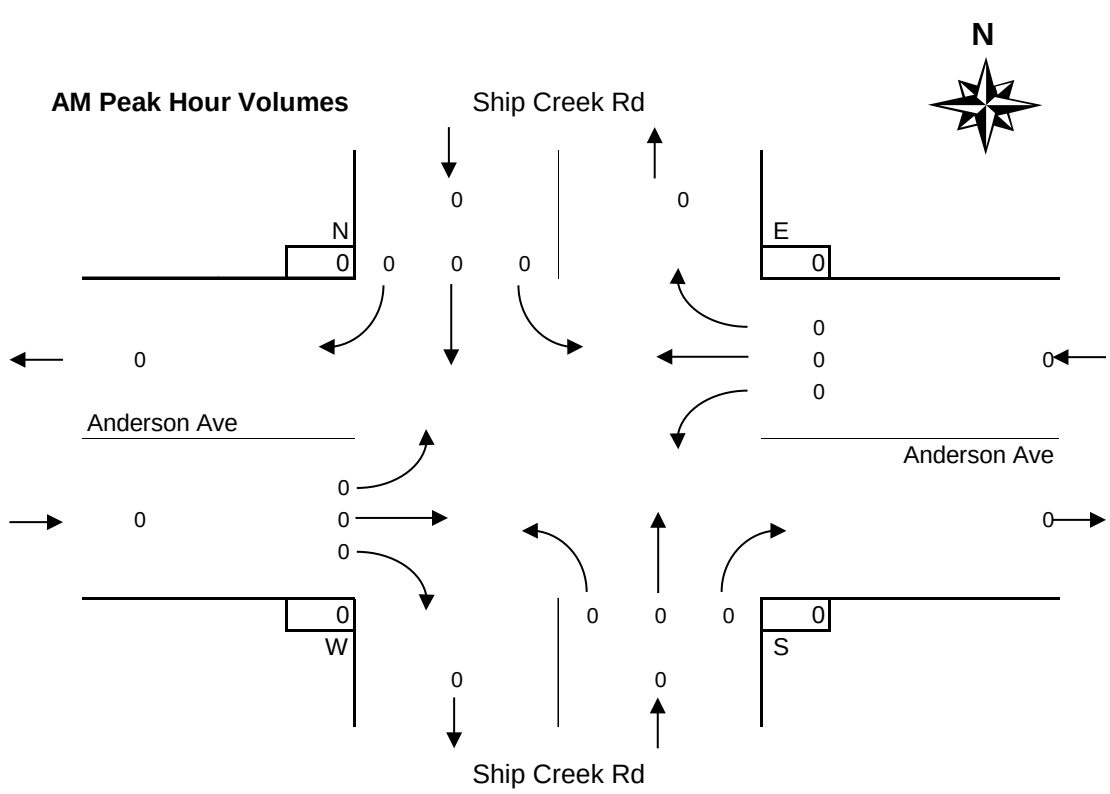
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	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



MD Peak Period
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	0	1	0	0	0	0	1	1	*	0	0	0	0	1	1
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	0	0	0	0	0	1
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	1	1	1	2	*	0	0	0	0	1	2
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		0	0	0	0	0	1
n/a																									
n/a																									
n/a																									
n/a																									
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**	1			0	0	0	0		

Peak hour of the intersection

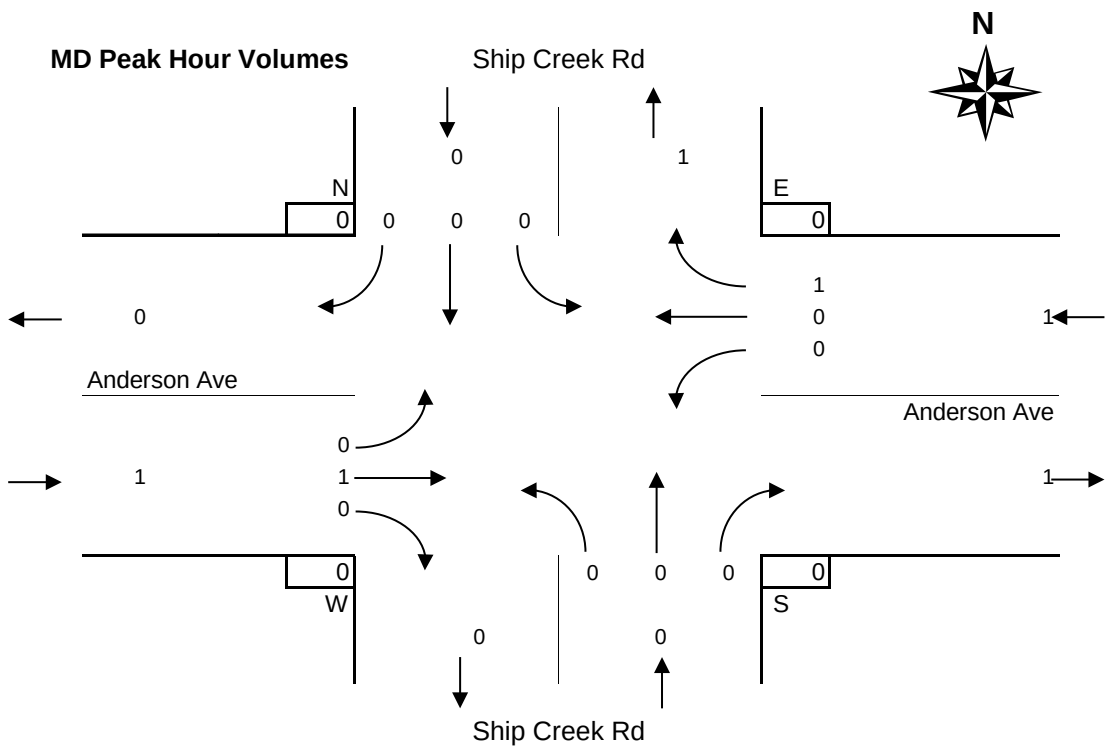
Pk Hr	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2	*		0	0	0	0		1
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	0	4	4	4	+		0	0	0	0		4
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.25	n/a	**0.25**	n/a	n/a	0.25	**0.25**	0.50			n/a	n/a	n/a	n/a		0.25

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2	*		0	0	0	0		1
15x4	0	0	0	0	0	0	0	0	0	4	0	4	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	0.25	n/a	**0.25**	n/a	n/a	0.25	**0.25**	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
Garbage Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

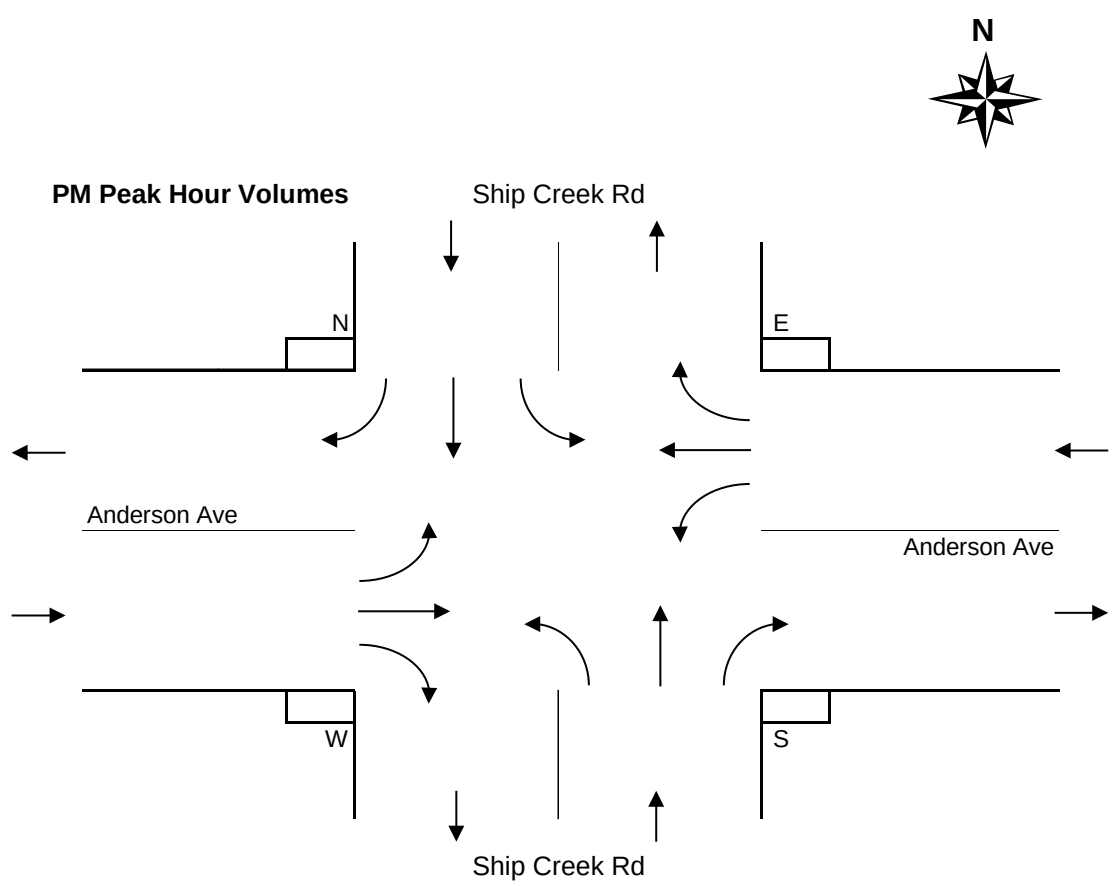
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	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

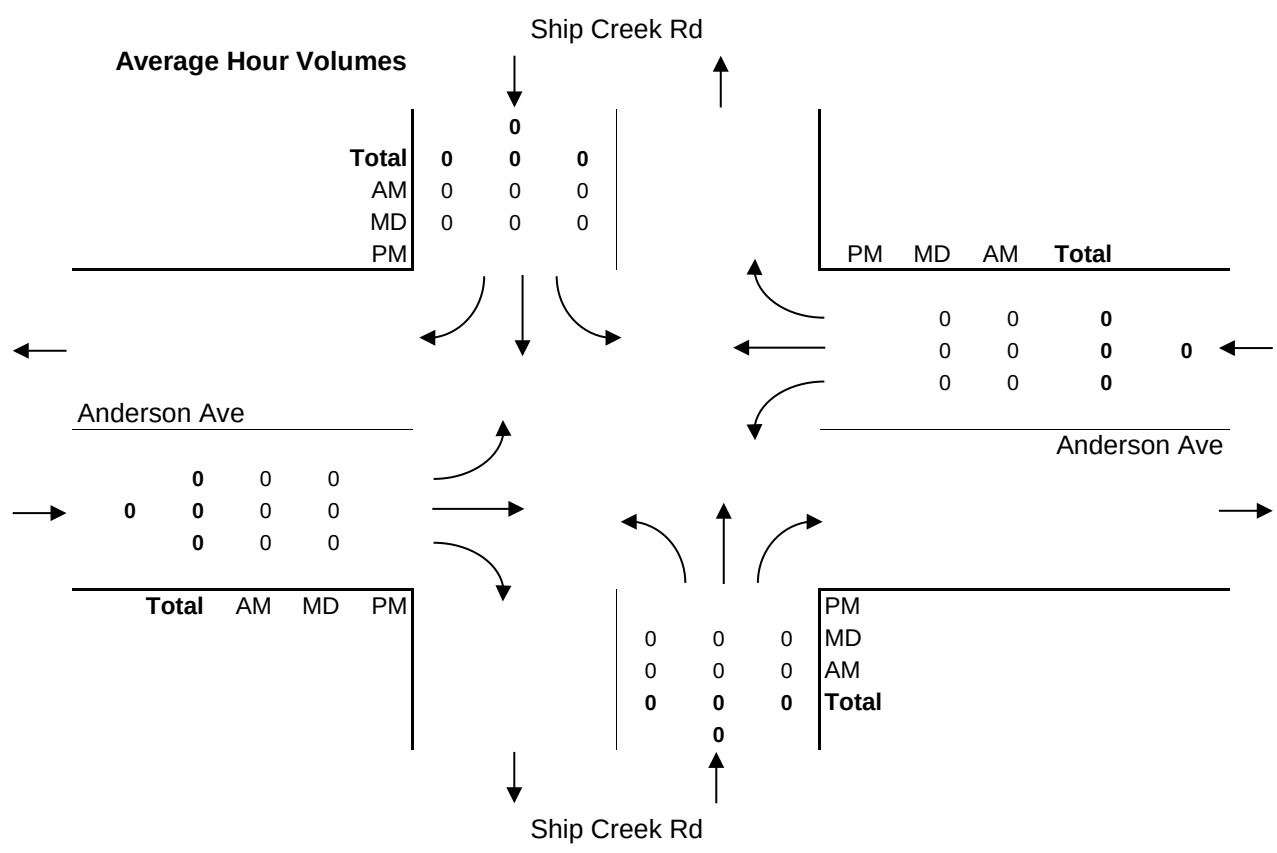
	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	1	**1**	2	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**3**			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	1	0	**1**	**1**	5		0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	6		0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3		0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	**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**	4	+	0	0	0	0
9:00	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**3**	5	*	0	0	0	0
9:15	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	0	0	0	**0**	**3**	8	*	0	0	0	0
9:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**2**	8		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	1	**1**	**1**	6		0	0	0	0
10:15	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**3**	6		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7		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	0	0	**0**	0	1	0	**1**	**1**	5		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	0	1	0	**1**	**2**	4		0	0	0	0
11:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	4		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	4		0	0	0	0
Total	3	0	0	**3**	0	0	0	**0**	1	9	0	**10**	0	11	2	**13**	**26**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**2**			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	1	0	**1**	**1**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	**3**	6		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**	4		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	0	**0**	**2**	5		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	4	*	0	0	0	0
14:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	0	**2**	**3**	7	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	9	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	8	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	**3**	9		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	**0**	0	0	0	**0**	0	11	0	**11**	0	7	1	**8**	**19**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Logging Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

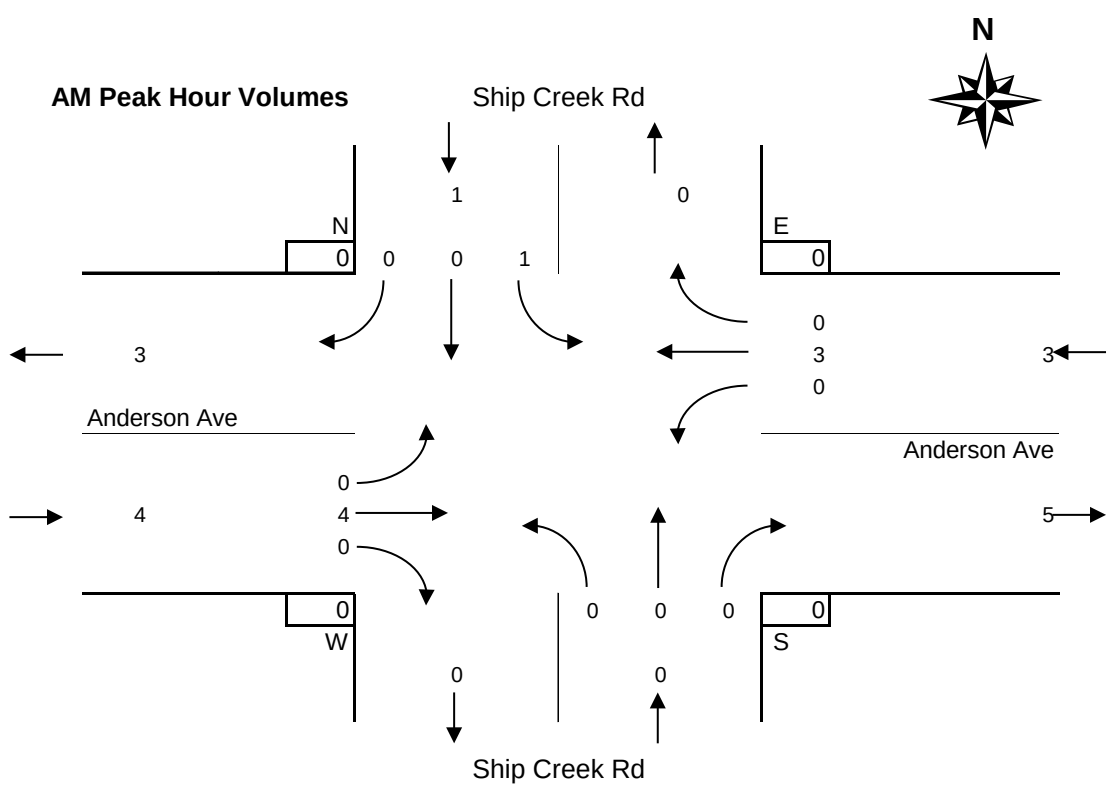
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
7:15	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3			0	0	0	0	2	
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	1	0	1	1	5		0	0	0	0	1	4
8:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	6		0	0	0	0	1	4
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0	0	2
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	5	*	0	0	0	0	2	4
8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	+	0	0	0	0	0	3
9:00	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3	5	*	0	0	0	0	2	4
9:15	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3	8	*	0	0	0	0	3	7
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	5
9:45	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	8		0	0	0	0	2	7
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	6		0	0	0	0	1	6
10:15	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	3	6		0	0	0	0	3	6
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7		0	0	0	0	1	7
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	5
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	5
11:15	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	2	4		0	0	0	0	2	4
11:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	4		0	0	0	0	1	4
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	4
Total	3	0	0	**3**	0	0	0	**0**	1	9	0	**10**	0	11	2	**13**	26			0	0	0	0		17
Avg Hr	1	0	0	**1**	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	4	0	4	0	3	0	3	8	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	12	0	12	0	8	0	8	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	0.33	n/a	**0.33**	n/a	0.38	n/a	**0.38**	0.67			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	4	0	4	0	3	0	3	8	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	12	0	12	0	8	0	8	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	0.33	n/a	**0.33**	n/a	0.38	n/a	**0.38**	0.67			n/a	n/a	n/a	n/a		0.31



MD Peak Period
Logging Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	2	0	2	0	0	0	0	2			0	0	0	0	2	
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	0	0	0	0	
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
12:45	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3	6		0	0	0	0	2	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	3
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4		0	0	0	0	0	3
13:30	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	5		0	0	0	0	2	4
13:45	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	4	*	0	0	0	0	1	3
14:00	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3	7	*	0	0	0	0	2	5
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	9	+	0	0	0	0	2	7
14:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	8	*	0	0	0	0	1	6
14:45	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3	9		0	0	0	0	2	7
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	0	0	0	**0**	0	11	0	**11**	0	7	1	**8**	19			0	0	0	0		11
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	4	0	**4**	0	2	0	**3**	6			0	0	0	0		

Peak hour of the intersection

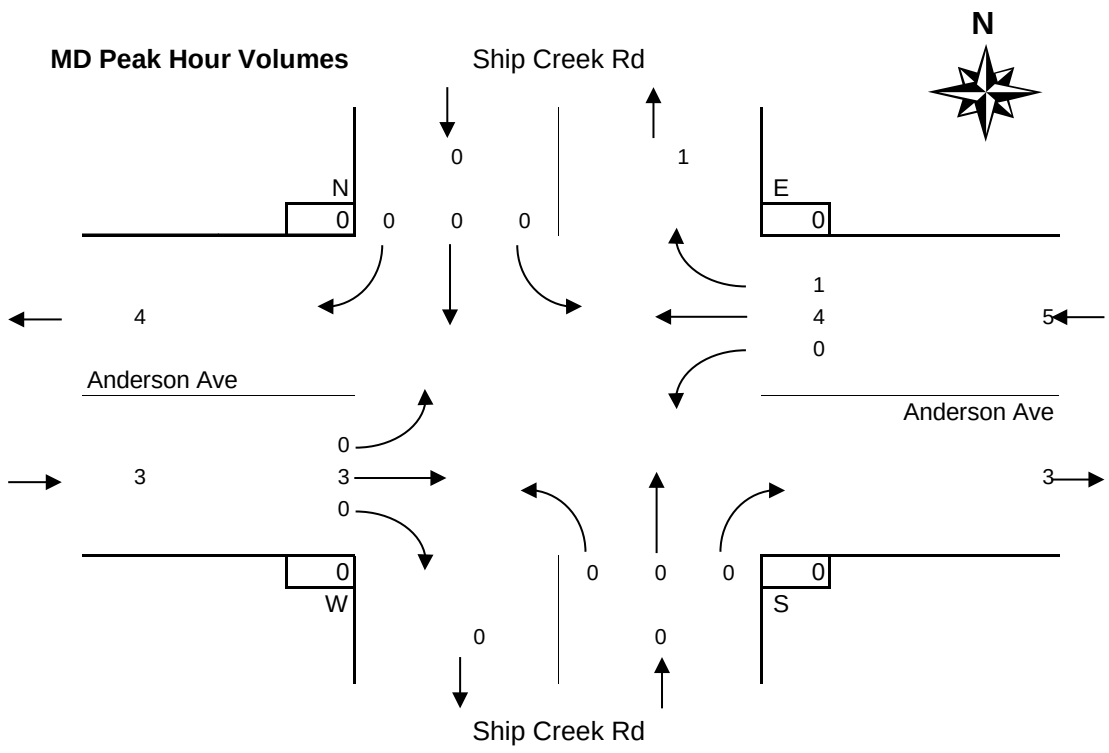
Pk Hr	0	0	0	0	0	0	0	0	0	3	0	3	0	4	1	5	8	*		0	0	0	0		5
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	8	4	8	12	+		0	0	0	0		12
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.75	n/a	**0.75**	n/a	0.50	0.25	**0.63**	0.67			n/a	n/a	n/a	n/a		0.42

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	0	0	0	3	0	3	0	4	1	5	8	*		0	0	0	0		5
15x4	0	0	0	0	0	0	0	0	0	4	0	4	0	8	4	8	12	+		0	0	0	0		12
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	0.75	n/a	**0.75**	n/a	0.50	0.25	**0.63**	0.67			n/a	n/a	n/a	n/a		0.42

** 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
Tuesday, September 26, 2017

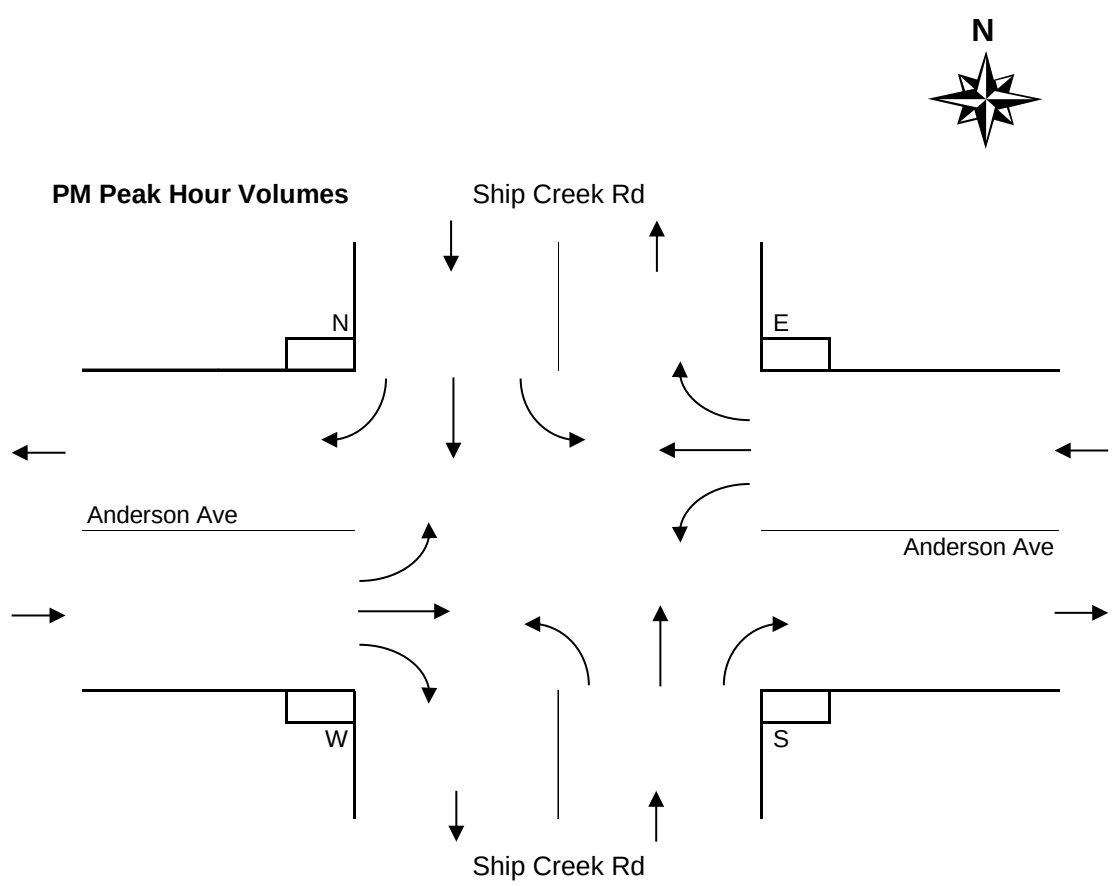
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	0	**3**	0	0	0	**0**	1	20	0	**21**	0	18	3	**21**	45	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	3	0	**3**	0	2	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	3	0	0	**3**	0	0	0	**0**	1	9	0	**10**	0	11	2	**13**	26	0	0	0	0
Avg Hr	1	0	0	**1**	0	0	0	**0**	0	2	0	**2**	0	2	0	**3**	5	0	0	0	0

MD Peak Period

3 Hours

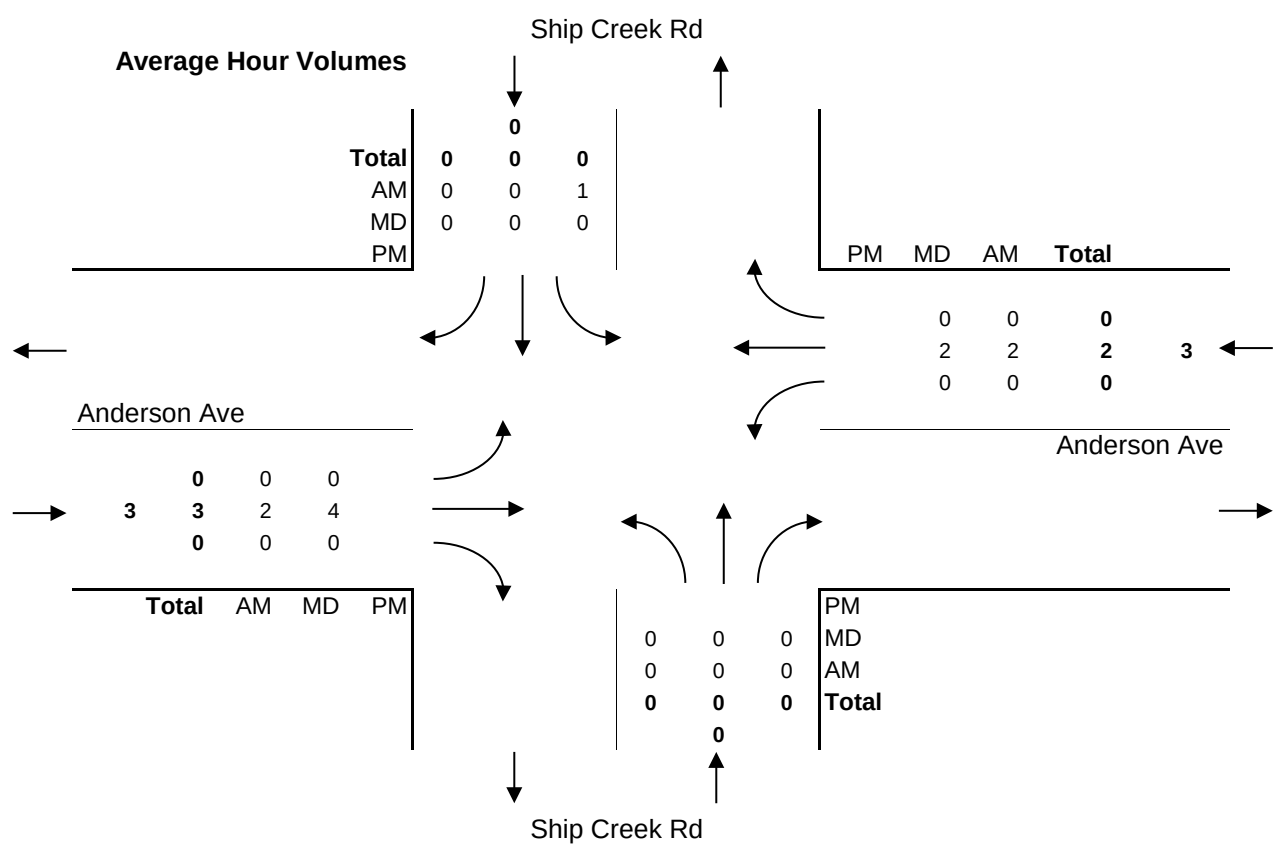
	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume	N	S	W	E
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	0	0	0	**0**	0	0	0	**0**	0	11	0	**11**	0	7	1	**8**	19	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	4	0	**4**	0	2	0	**3**	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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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																							
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																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
RVs

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

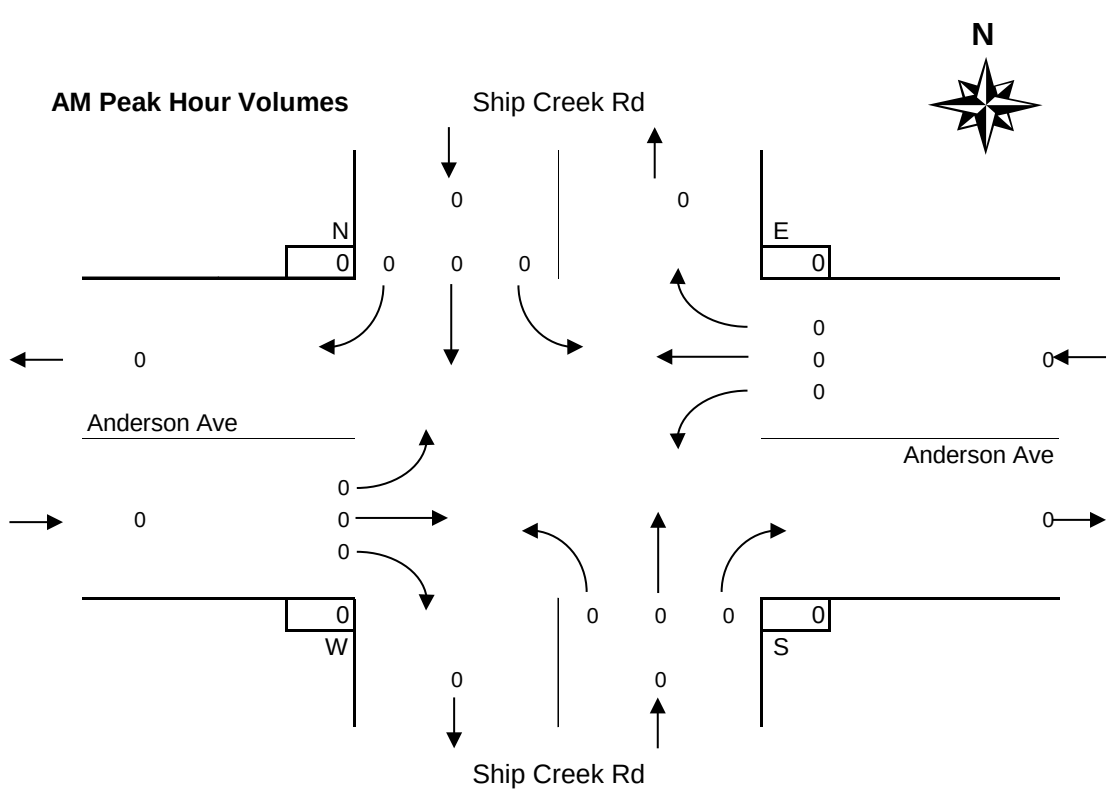
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	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



MD Peak Period
RVs

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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

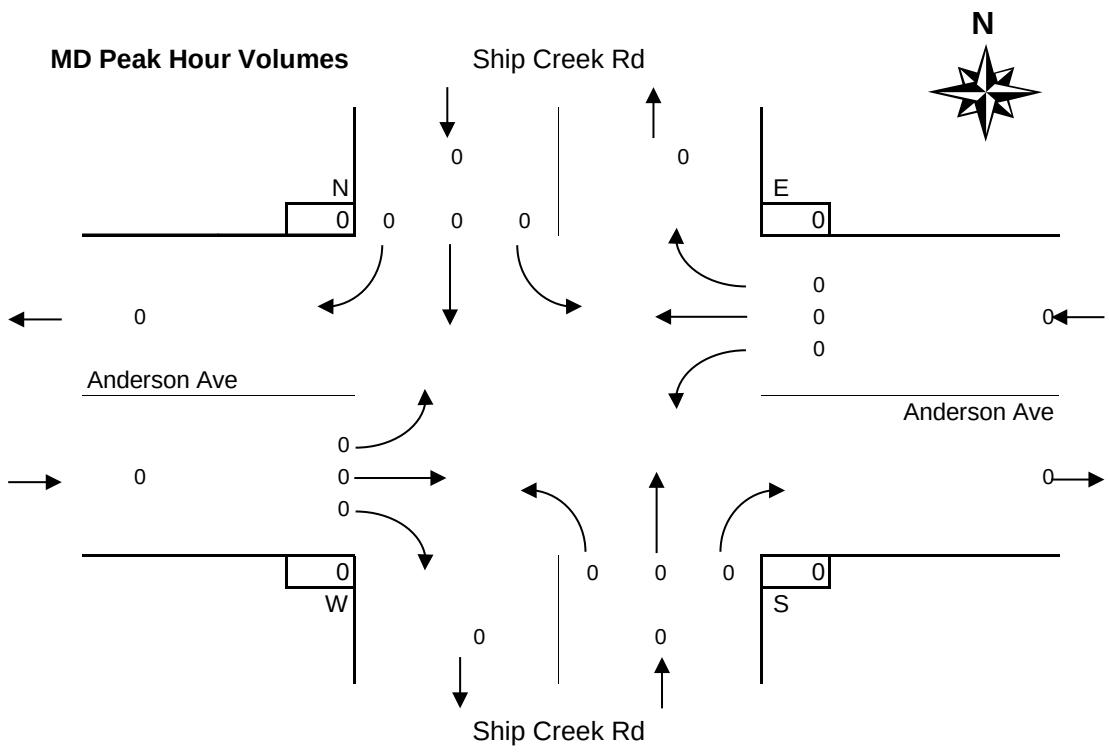
Pk Hr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*		0	0	0	0		0
15x4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	+		0	0	0	0		0
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a	n/a	n/a	**n/a**	n/a			n/a	n/a	n/a	n/a		n/a

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
Tuesday, September 26, 2017

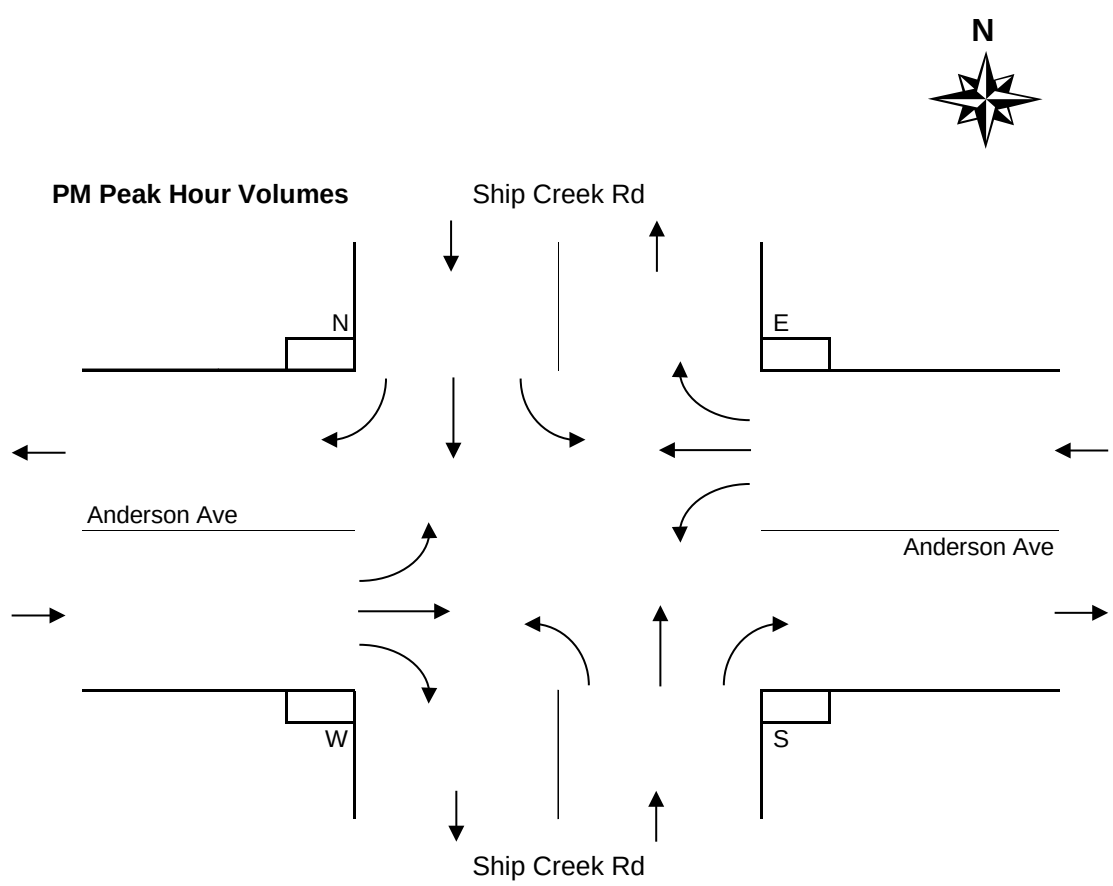
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 2017

Entire Survey Period

8 Hours

	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		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				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		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

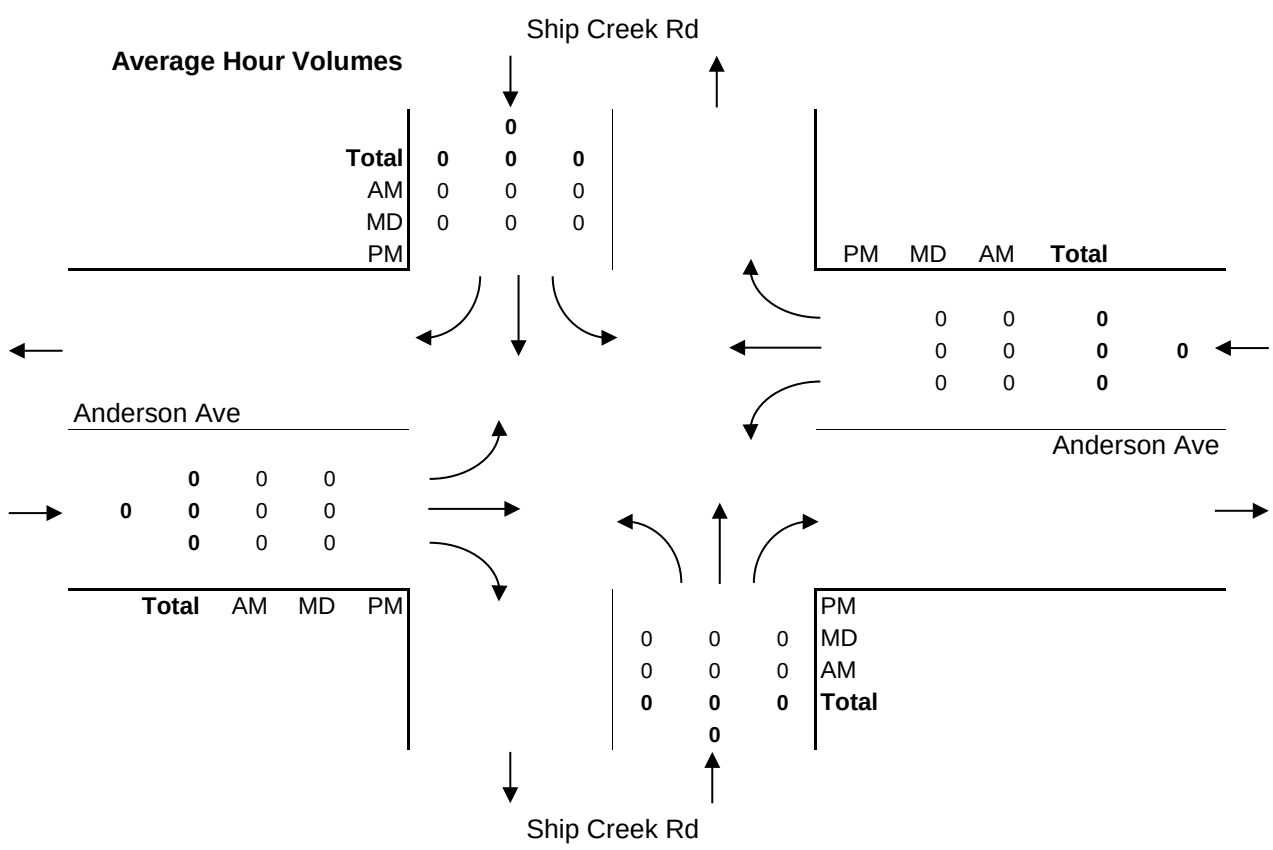
	Ship Creek Rd				Ship Creek Rd				Anderson Ave				Anderson Ave				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Total	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	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				Total				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Volume				
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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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**	0	0	0	**0**	**2**			0	0	0	0
7:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**			0	0	0	0
7:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**			0	0	0	0
7:45	2	0	0	**2**	0	0	0	**0**	0	3	0	**3**	0	0	0	**0**	**5**	9		0	0	0	0
8:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	7		0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	6		0	0	0	0
8:30	2	0	0	**2**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**3**	8	*	0	0	0	0
8:45	0	0	1	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	5	+	0	0	0	0
9:00	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**1**	6	*	0	0	0	0
9:15	1	0	0	**1**	0	0	0	**0**	1	0	0	**1**	0	2	0	**2**	**4**	10	*	0	0	0	0
9:30	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	9		0	0	0	0
9:45	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	0	1	**1**	**3**	10		0	0	0	0
10:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	1	**2**	**3**	12		0	0	0	0
10:15	0	0	1	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	10		0	0	0	0
10:30	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	1	0	**1**	**2**	10		0	0	0	0
10:45	1	0	1	**2**	0	0	0	**0**	1	0	0	**1**	0	1	1	**2**	**5**	12		0	0	0	0
11:00	1	0	0	**1**	0	0	1	**1**	0	0	1	**1**	0	0	0	**0**	**3**	12		0	0	0	0
11:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	10		0	0	0	0
11:30	1	0	0	**1**	0	0	0	**0**	0	0	0	**0**	0	0	2	**2**	**3**	11		0	0	0	0
11:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	7		0	0	0	0
Total	12	0	3	**15**	0	0	1	**1**	2	12	1	**15**	0	7	5	**12**	**43**			0	0	0	0
12:00	0	0	0	**0**	0	0	0	**0**	0	1	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	2	0	**2**	**3**			0	0	0	0
12:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**			0	0	0	0
12:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	6		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	2	**2**	**2**	5		0	0	0	0
13:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	5		0	0	0	0
13:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	**0**	3	*	0	0	0	0
14:00	1	0	0	**1**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**2**	4	*	0	0	0	0
14:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	4	+	0	0	0	0
14:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	**2**	6	*	0	0	0	0
14:45	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	7		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	1	0	0	**1**	0	0	0	**0**	0	4	0	**4**	0	6	5	**11**	**16**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
Utility Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

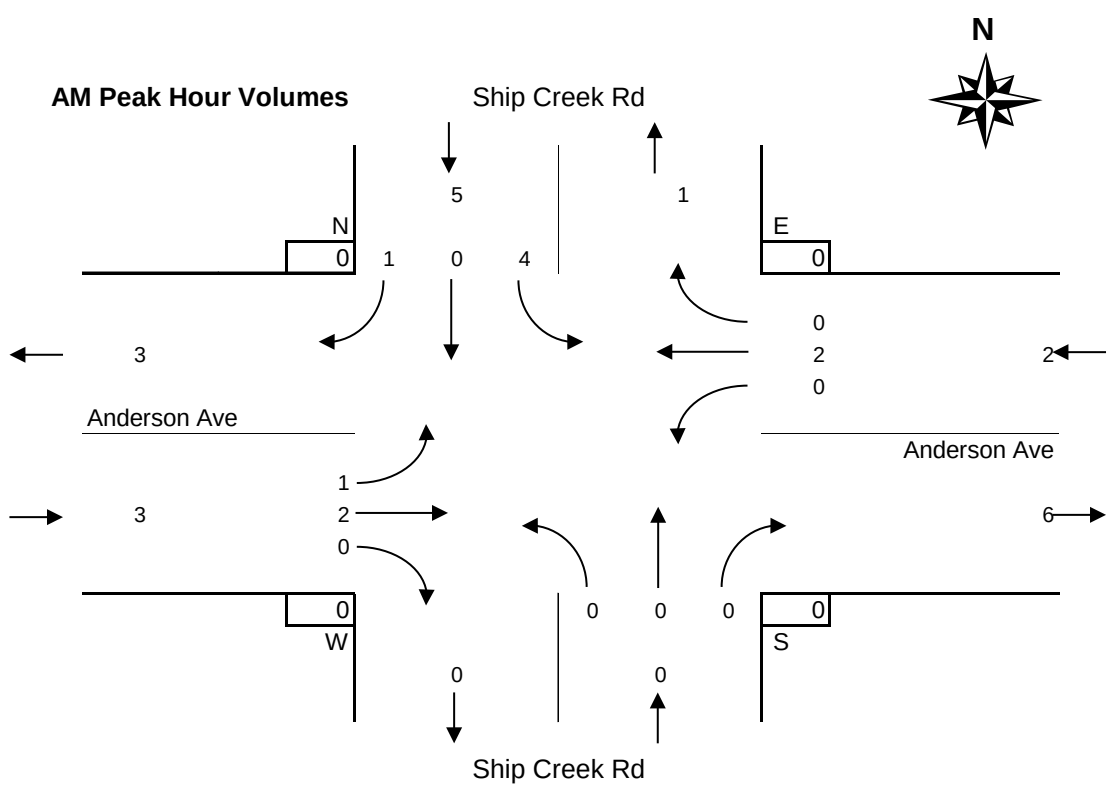
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2			0	0	0	0	2	
7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0	1	
7:30	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1			0	0	0	0	1	
7:45	2	0	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5	9		0	0	0	0	5	9
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7		0	0	0	0	0	7
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0	0	6
8:30	2	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3	8	*	0	0	0	0	3	8
8:45	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2	5	+	0	0	0	0	2	5
9:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	6	*	0	0	0	0	1	6
9:15	1	0	0	1	0	0	0	0	1	0	0	1	0	2	0	2	4	10	*	0	0	0	0	4	10
9:30	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	9		0	0	0	0	2	9
9:45	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	1	3	10		0	0	0	0	2	9
10:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	2	3	12		0	0	0	0	2	10
10:15	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2	10		0	0	0	0	2	8
10:30	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	10		0	0	0	0	1	7
10:45	1	0	1	2	0	0	0	0	1	0	0	1	0	1	1	2	5	12		0	0	0	0	4	9
11:00	1	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	3	12		0	0	0	0	3	10
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10		0	0	0	0	0	8
11:30	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	3	11		0	0	0	0	3	10
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	7		0	0	0	0	1	7
Total	12	0	3	**15**	0	0	1	**1**	2	12	1	**15**	0	7	5	**12**	43			0	0	0	0		27
Avg Hr	2	0	1	**3**	0	0	0	**0**	0	2	0	**3**	0	1	1	**2**	9			0	0	0	0		

Peak hour of the intersection

Pk Hr	4	0	1	5	0	0	0	0	1	2	0	3	0	2	0	2	10	*		0	0	0	0		7
15x4	8	0	4	8	0	0	0	0	4	4	0	4	0	8	0	8	16	+		0	0	0	0		20
PHF	0.50	n/a	0.25	**0.63**	n/a	n/a	n/a	**n/a**	0.25	0.50	n/a	**0.75**	n/a	0.25	n/a	**0.25**	0.63			n/a	n/a	n/a	n/a		0.35

Peak hour of conflicting volumes for the intersection

Pk Hr	4	0	1	5	0	0	0	0	1	2	0	3	0	2	0	2	10	*		0	0	0	0		7
15x4	8	0	4	8	0	0	0	0	4	4	0	4	0	8	0	8	16	+		0	0	0	0		20
PHF	0.50	n/a	0.25	**0.63**	n/a	n/a	n/a	**n/a**	0.25	0.50	n/a	**0.75**	n/a	0.25	n/a	**0.25**	0.63			n/a	n/a	n/a	n/a		0.35



MD Peak Period
Utility Trucks

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	1	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	2	0	2	3			0	0	0	0	2	
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	1	1	2	2	6		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	5
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	5		0	0	0	0	2	5
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		0	0	0	0	0	5
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*	0	0	0	0	0	3
14:00	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	4	*	0	0	0	0	2	4
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4	+	0	0	0	0	2	4
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	*	0	0	0	0	2	6
14:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	7		0	0	0	0	1	7
n/a																									
n/a																									
n/a																									
n/a																									
Total	1	0	0	**1**	0	0	0	**0**	0	4	0	**4**	0	6	5	**11**	16			0	0	0	0		12
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	2	**4**	5			0	0	0	0		

Peak hour of the intersection

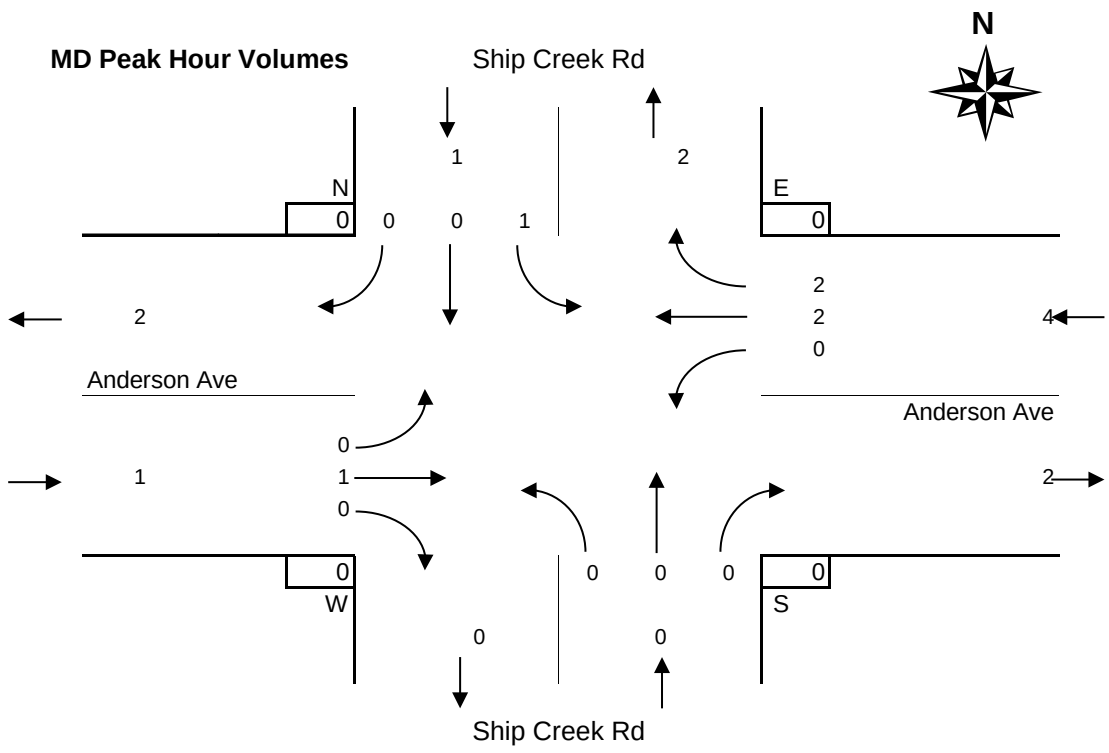
Pk Hr	1	0	0	1	0	0	0	0	0	1	0	1	0	2	2	4	6	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	4	4	8	8	+		0	0	0	0		12
PHF	0.25	n/a	n/a	**0.25**	n/a	n/a	n/a	**n/a**	n/a	0.25	n/a	**0.25**	n/a	0.50	0.50	**0.50**	0.75			n/a	n/a	n/a	n/a		0.42

Peak hour of conflicting volumes for the intersection

Pk Hr	1	0	0	1	0	0	0	0	0	1	0	1	0	2	2	4	6	*		0	0	0	0		5
15x4	4	0	0	4	0	0	0	0	0	4	0	4	0	4	4	8	8	+		0	0	0	0		12
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	0.50	0.50	**0.50**	0.75			n/a	n/a	n/a	n/a		0.42

** 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
Tuesday, September 26, 2017

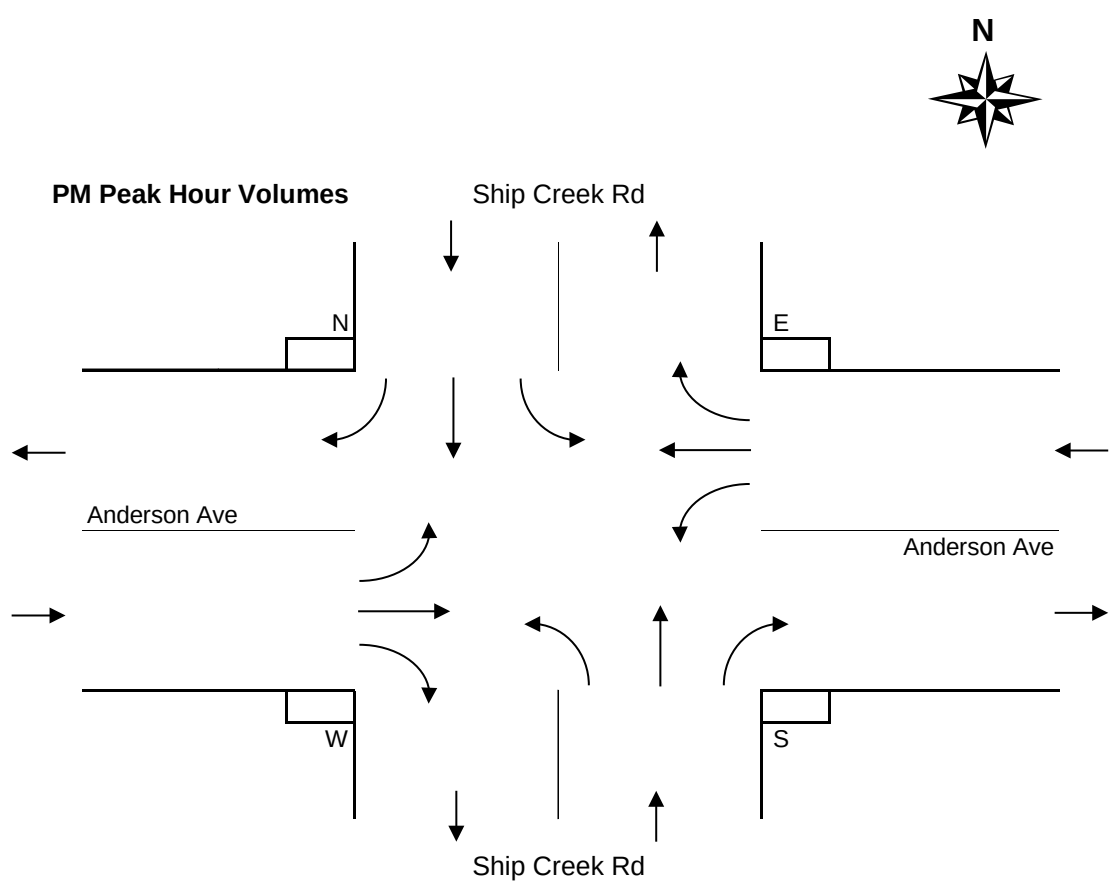
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	13	0	3	**16**	0	0	1	**1**	2	16	1	**19**	0	13	10	**23**	59	0	0	0	0
Avg Hr	2	0	0	**2**	0	0	0	**0**	0	2	0	**2**	0	2	1	**3**	7	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	12	0	3	**15**	0	0	1	**1**	2	12	1	**15**	0	7	5	**12**	43	0	0	0	0
Avg Hr	2	0	1	**3**	0	0	0	**0**	0	2	0	**3**	0	1	1	**2**	9	0	0	0	0

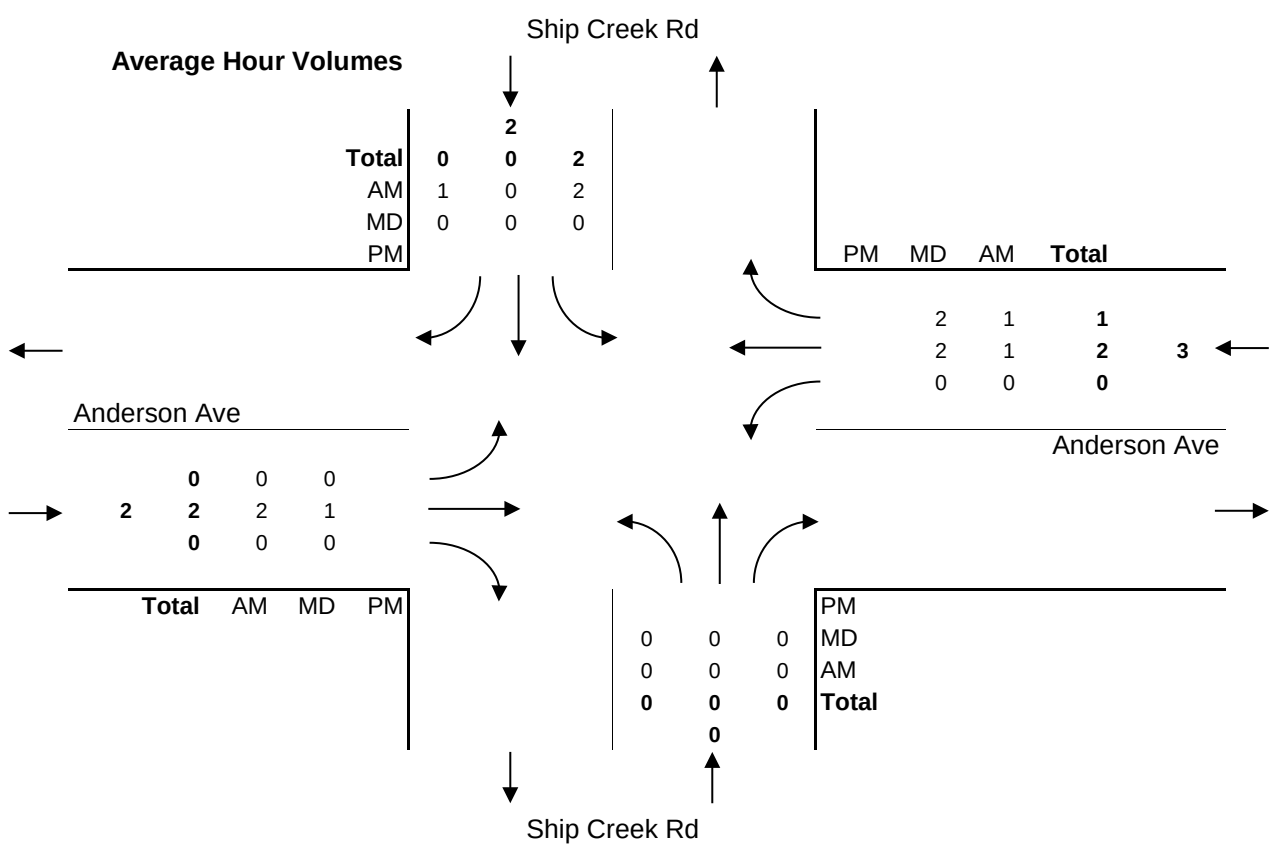
MD Peak Period
3 Hours

	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**	0	4	0	**4**	0	6	5	**11**	16	0	0	0	0
Avg Hr	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	2	2	**4**	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 26, 2017.xlsx
Location #: 5

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

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
Tuesday, September 26, 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	12	0	1	**13**	0	0	0	**0**	3	5	1	**9**	0	1	1	**2**	**24**			0	0	0	0
7:15	12	0	1	**13**	1	0	0	**1**	1	6	0	**7**	0	3	1	**4**	**25**			0	0	0	0
7:30	4	0	3	**7**	0	0	0	**0**	0	7	0	**7**	0	1	1	**2**	**16**			0	0	0	0
7:45	9	0	2	**11**	0	0	0	**0**	1	10	0	**11**	0	8	2	**10**	**32**	97		0	0	0	0
8:00	2	1	1	**4**	0	1	0	**1**	3	3	1	**7**	0	5	5	**10**	**22**	95		0	0	0	0
8:15	4	1	1	**6**	0	2	0	**2**	5	6	0	**11**	0	4	1	**5**	**24**	94		0	0	0	0
8:30	9	0	2	**11**	0	0	1	**1**	7	7	0	**14**	1	4	2	**7**	**33**	111	*	0	0	0	0
8:45	6	6	5	**17**	0	1	0	**1**	2	10	2	**14**	0	4	2	**6**	**38**	117	+	0	0	0	0
9:00	6	1	0	**7**	1	0	3	**4**	1	4	1	**6**	0	3	4	**7**	**24**	119	*	0	0	0	0
9:15	4	0	0	**4**	0	0	0	**0**	6	8	0	**14**	0	8	5	**13**	**31**	126	*	0	0	0	2
9:30	3	0	0	**3**	0	0	0	**0**	2	7	0	**9**	0	4	3	**7**	**19**	112		0	0	0	1
9:45	2	0	2	**4**	0	0	0	**0**	2	11	0	**13**	0	6	8	**14**	**31**	105		0	0	0	0
10:00	3	0	2	**5**	0	0	0	**0**	5	5	0	**10**	0	5	4	**9**	**24**	105		0	0	0	0
10:15	5	2	3	**10**	0	0	0	**0**	2	4	0	**6**	0	5	1	**6**	**22**	96		0	0	0	0
10:30	5	0	0	**5**	0	0	0	**0**	1	6	0	**7**	0	7	4	**11**	**23**	100		0	0	0	0
10:45	6	0	5	**11**	1	0	0	**1**	2	1	1	**4**	0	4	7	**11**	**27**	96		0	0	0	0
11:00	1	0	3	**4**	0	1	1	**2**	1	3	4	**8**	0	7	4	**11**	**25**	97		0	0	0	0
11:15	5	0	0	**5**	1	0	0	**1**	3	5	0	**8**	0	4	2	**6**	**20**	95		0	0	1	0
11:30	4	1	1	**6**	1	0	0	**1**	4	3	0	**7**	0	6	7	**13**	**27**	99		0	0	0	0
11:45	3	0	1	**4**	1	0	0	**1**	2	6	0	**8**	0	4	2	**6**	**19**	91		0	0	0	0
Total	105	12	33	**150**	6	5	5	**16**	53	117	10	**180**	1	93	66	**160**	**506**			0	0	1	3
12:00	6	1	2	**9**	0	0	0	**0**	0	8	0	**8**	0	5	3	**8**	**25**			0	0	0	0
12:15	6	2	0	**8**	0	0	0	**0**	0	5	0	**5**	0	8	6	**14**	**27**			0	0	0	0
12:30	0	0	2	**2**	0	2	0	**2**	1	4	0	**5**	0	7	3	**10**	**19**			0	0	0	0
12:45	3	0	3	**6**	0	0	0	**0**	1	3	0	**4**	0	7	3	**10**	**20**	91		0	0	0	0
13:00	2	2	1	**5**	0	1	0	**1**	2	3	0	**5**	0	8	2	**10**	**21**	87		0	0	0	0
13:15	4	1	2	**7**	0	3	0	**3**	1	3	0	**4**	0	5	9	**14**	**28**	88		0	0	0	0
13:30	6	0	1	**7**	0	0	0	**0**	0	3	0	**3**	0	4	2	**6**	**16**	85		0	0	0	0
13:45	5	0	0	**5**	0	1	0	**1**	0	6	2	**8**	1	8	3	**12**	**26**	91	*	0	0	0	0
14:00	4	1	5	**10**	0	0	0	**0**	1	6	0	**7**	0	7	3	**10**	**27**	97	*	0	0	0	0
14:15	3	0	3	**6**	1	2	0	**3**	0	0	0	**0**	2	10	13	**25**	**34**	103	+	0	0	0	0
14:30	0	0	2	**2**	0	1	0	**1**	1	5	0	**6**	0	7	8	**15**	**24**	111	*	0	0	0	0
14:45	4	0	3	**7**	0	1	1	**2**	0	6	0	**6**	0	6	2	**8**	**23**	108		0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
Total	43	7	24	**74**	1	11	1	**13**	7	52	2	**61**	3	82	57	**142**	**290**			0	0	0	0
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
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																							

AM Peak Period
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 2017

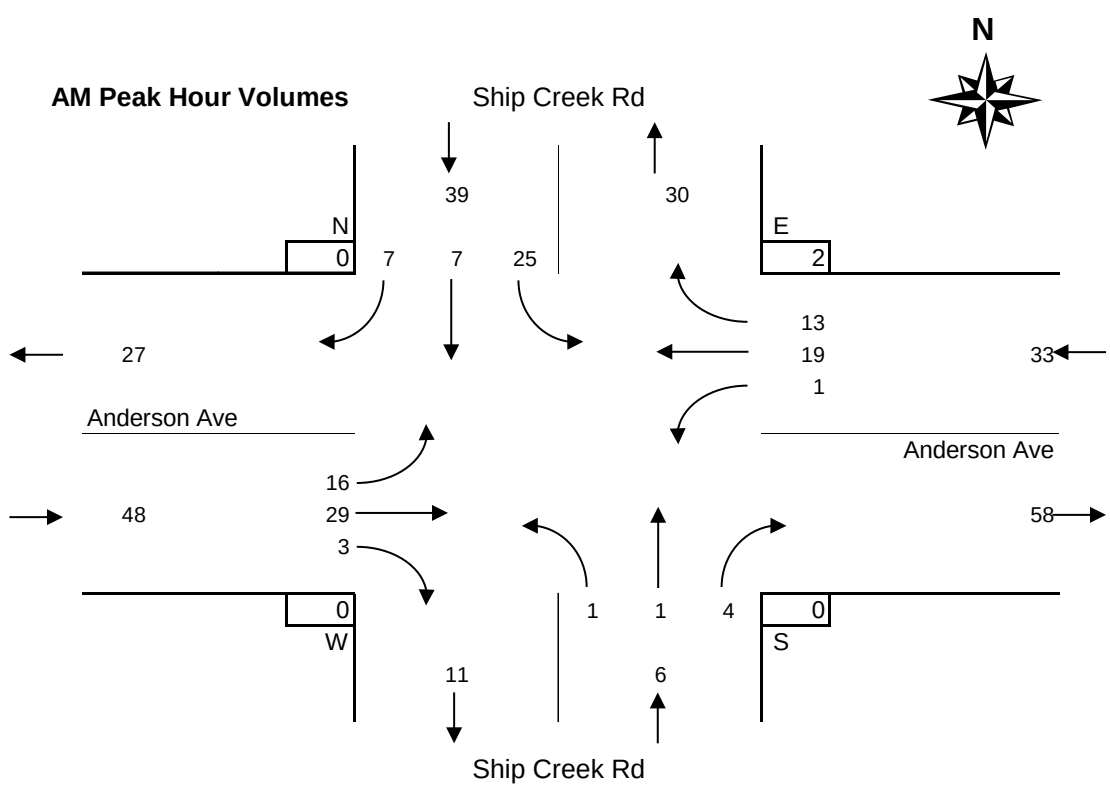
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
7:00	12	0	1	13	0	0	0	0	3	5	1	9	0	1	1	2	24			0	0	0	0	18	
7:15	12	0	1	13	1	0	0	1	1	6	0	7	0	3	1	4	25			0	0	0	0	18	
7:30	4	0	3	7	0	0	0	0	0	7	0	7	0	1	1	2	16			0	0	0	0	11	
7:45	9	0	2	11	0	0	0	0	1	10	0	11	0	8	2	10	32	97		0	0	0	0	20	67
8:00	2	1	1	4	0	1	0	1	3	3	1	7	0	5	5	10	22	95		0	0	0	0	16	65
8:15	4	1	1	6	0	2	0	2	5	6	0	11	0	4	1	5	24	94		0	0	0	0	16	63
8:30	9	0	2	11	0	0	1	1	7	7	0	14	1	4	2	7	33	111	*	0	0	0	0	23	75
8:45	6	6	5	17	0	1	0	1	2	10	2	14	0	4	2	6	38	117	+	0	0	0	0	23	78
9:00	6	1	0	7	1	0	3	4	1	4	1	6	0	3	4	7	24	119	*	0	0	0	0	17	79
9:15	4	0	0	4	0	0	0	0	6	8	0	14	0	8	5	13	31	126	*	0	0	0	2	23	86
9:30	3	0	0	3	0	0	0	0	2	7	0	9	0	4	3	7	19	112		0	0	0	1	12	75
9:45	2	0	2	4	0	0	0	0	2	11	0	13	0	6	8	14	31	105		0	0	0	0	18	70
10:00	3	0	2	5	0	0	0	0	5	5	0	10	0	5	4	9	24	105		0	0	0	0	17	70
10:15	5	2	3	10	0	0	0	0	2	4	0	6	0	5	1	6	22	96		0	0	0	0	13	60
10:30	5	0	0	5	0	0	0	0	1	6	0	7	0	7	4	11	23	100		0	0	0	0	17	65
10:45	6	0	5	11	1	0	0	1	2	1	1	4	0	4	7	11	27	96		0	0	0	0	19	66
11:00	1	0	3	4	0	1	1	2	1	3	4	8	0	7	4	11	25	97		0	0	0	0	15	64
11:15	5	0	0	5	1	0	0	1	3	5	0	8	0	4	2	6	20	95		0	0	1	0	14	65
11:30	4	1	1	6	1	0	0	1	4	3	0	7	0	6	7	13	27	99		0	0	0	0	21	69
11:45	3	0	1	4	1	0	0	1	2	6	0	8	0	4	2	6	19	91		0	0	0	0	11	61
Total	105	12	33	**150**	6	5	5	**16**	53	117	10	**180**	1	93	66	**160**	506			0	0	1	3		327
Avg Hr	21	2	7	**30**	1	1	1	**3**	11	23	2	**36**	0	19	13	**32**	101			0	0	0	1		

Peak hour of the intersection

Pk Hr	25	7	7	39	1	1	4	6	16	29	3	48	1	19	13	33	126	*		0	0	0	2		78
15x4	36	24	20	68	4	4	12	16	28	40	8	56	4	32	20	52	152	+		0	0	0	8		132
PHF	0.69	0.29	0.35	**0.57**	0.25	0.25	0.33	**0.38**	0.57	0.73	0.38	**0.86**	0.25	0.59	0.65	**0.63**	0.83			n/a	n/a	n/a	0.25		0.59

Peak hour of conflicting volumes for the intersection

Pk Hr	25	7	7	39	1	1	4	6	16	29	3	48	1	19	13	33	126	*		0	0	0	2		78
15x4	36	24	20	68	4	4	12	16	28	40	8	56	4	32	20	52	152	+		0	0	0	8		132
PHF	0.69	0.29	0.35	**0.57**	0.25	0.25	0.33	**0.38**	0.57	0.73	0.38	**0.86**	0.25	0.59	0.65	**0.63**	0.83			n/a	n/a	n/a	0.25		0.59



MD Peak Period
All Vehicles Combined

Anderson Avenue @ Ship Creek Road
Tuesday, September 26, 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	6	1	2	9	0	0	0	0	0	8	0	8	0	5	3	8	25			0	0	0	0	14	
12:15	6	2	0	8	0	0	0	0	0	5	0	5	0	8	6	14	27			0	0	0	0	20	
12:30	0	0	2	2	0	2	0	2	1	4	0	5	0	7	3	10	19			0	0	0	0	13	
12:45	3	0	3	6	0	0	0	0	1	3	0	4	0	7	3	10	20	91		0	0	0	0	14	61
13:00	2	2	1	5	0	1	0	1	2	3	0	5	0	8	2	10	21	87		0	0	0	0	15	62
13:15	4	1	2	7	0	3	0	3	1	3	0	4	0	5	9	14	28	88		0	0	0	0	22	64
13:30	6	0	1	7	0	0	0	0	0	3	0	3	0	4	2	6	16	85		0	0	0	0	12	63
13:45	5	0	0	5	0	1	0	1	0	6	2	8	1	8	3	12	26	91	*	0	0	0	0	17	66
14:00	4	1	5	10	0	0	0	0	1	6	0	7	0	7	3	10	27	97	*	0	0	0	0	17	68
14:15	3	0	3	6	1	2	0	3	0	0	0	0	2	10	13	25	34	103	+	0	0	0	0	28	74
14:30	0	0	2	2	0	1	0	1	1	5	0	6	0	7	8	15	24	111	*	0	0	0	0	18	80
14:45	4	0	3	7	0	1	1	2	0	6	0	6	0	6	2	8	23	108		0	0	0	0	14	77
n/a																									
n/a																									
n/a																									
n/a																									
Total	43	7	24	**74**	1	11	1	**13**	7	52	2	**61**	3	82	57	**142**	290			0	0	0	0		201
Avg Hr	14	2	8	**25**	0	4	0	**4**	2	17	1	**20**	1	27	19	**47**	97			0	0	0	0		

Peak hour of the intersection

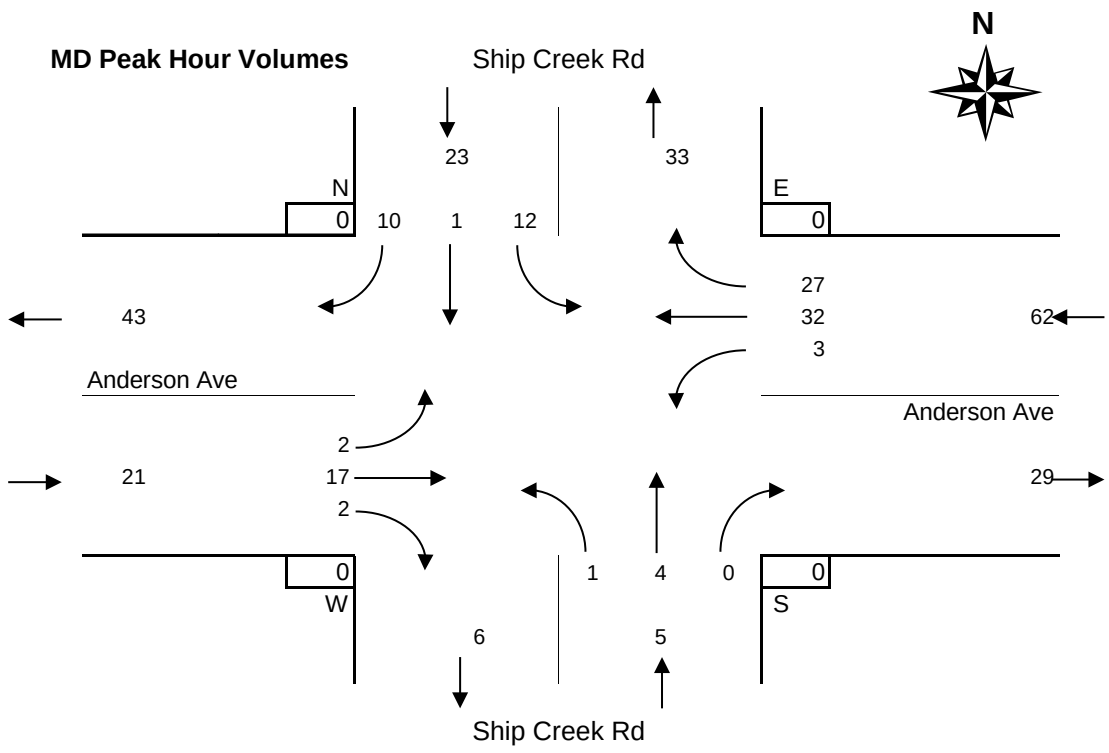
Pk Hr	12	1	10	23	1	4	0	5	2	17	2	21	3	32	27	62	111	*		0	0	0	0		77
15x4	20	4	20	40	4	8	0	12	4	24	8	32	8	40	52	100	136	+		0	0	0	0		124
PHF	0.60	0.25	0.50	**0.58**	0.25	0.50	n/a	**0.42**	0.50	0.71	0.25	**0.66**	0.38	0.80	0.52	**0.62**	0.82			n/a	n/a	n/a	n/a		0.62

Peak hour of conflicting volumes for the intersection

Pk Hr	12	1	10	23	1	4	0	5	2	17	2	21	3	32	27	62	111	*		0	0	0	0		77
15x4	20	4	20	40	4	8	0	12	4	24	8	32	8	40	52	100	136	+		0	0	0	0		124
PHF	0.60	0.25	0.50	**0.58**	0.25	0.50	n/a	**0.42**	0.50	0.71	0.25	**0.66**	0.38	0.80	0.52	**0.62**	0.82			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
Tuesday, September 26, 2017

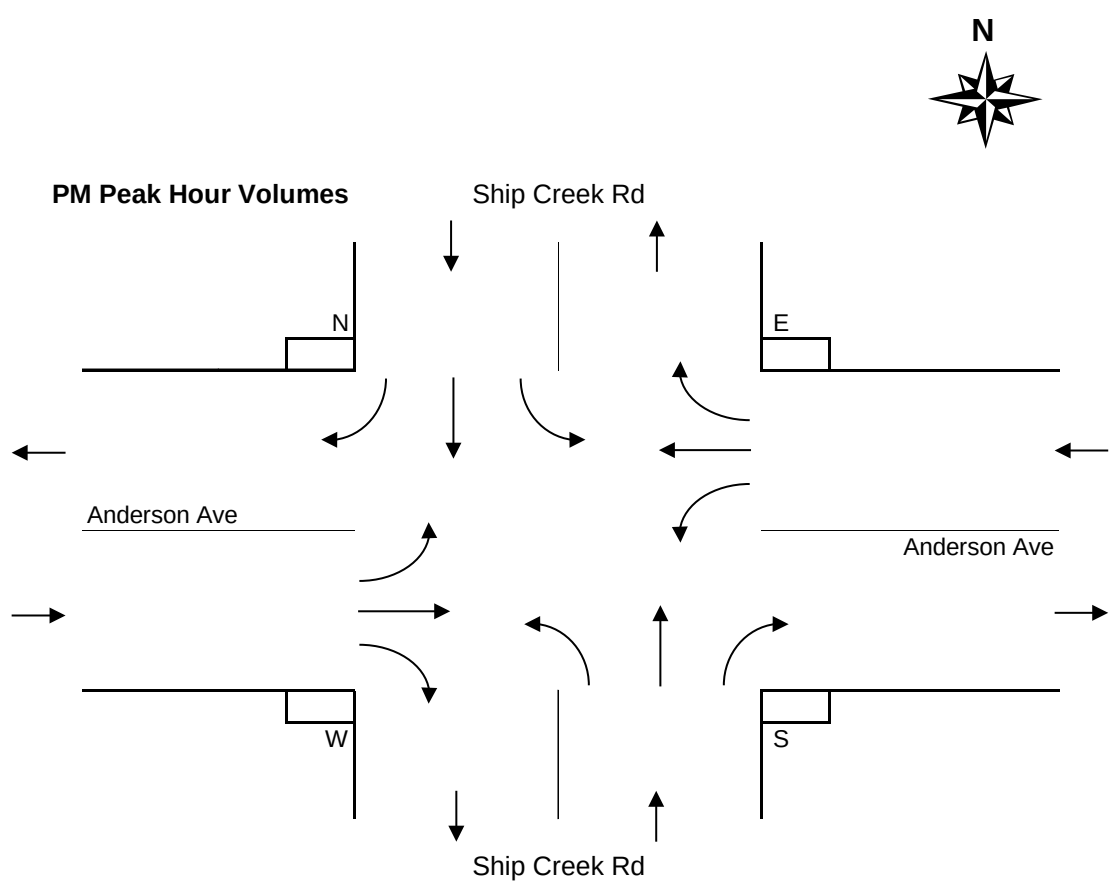
Time Period Begins	Ship Creek Rd NORTH Approach				Ship Creek Rd SOUTH Approach				Anderson Ave WEST Approach				Anderson Ave EAST Approach				Total Volume		Peak	Crosswalks				Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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																									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
Tuesday, September 26, 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	148	19	57	**224**	7	16	6	**29**	60	169	12	**241**	4	175	123	**302**	796	0	0	1	3
Avg Hr	19	2	7	**28**	1	2	1	**4**	8	21	2	**30**	1	22	15	**38**	100	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	Crosswalks			
Totals	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
Period	105	12	33	**150**	6	5	5	**16**	53	117	10	**180**	1	93	66	**160**	506	0	0	1	3
Avg Hr	21	2	7	**30**	1	1	1	**3**	11	23	2	**36**	0	19	13	**32**	101	0	0	0	1

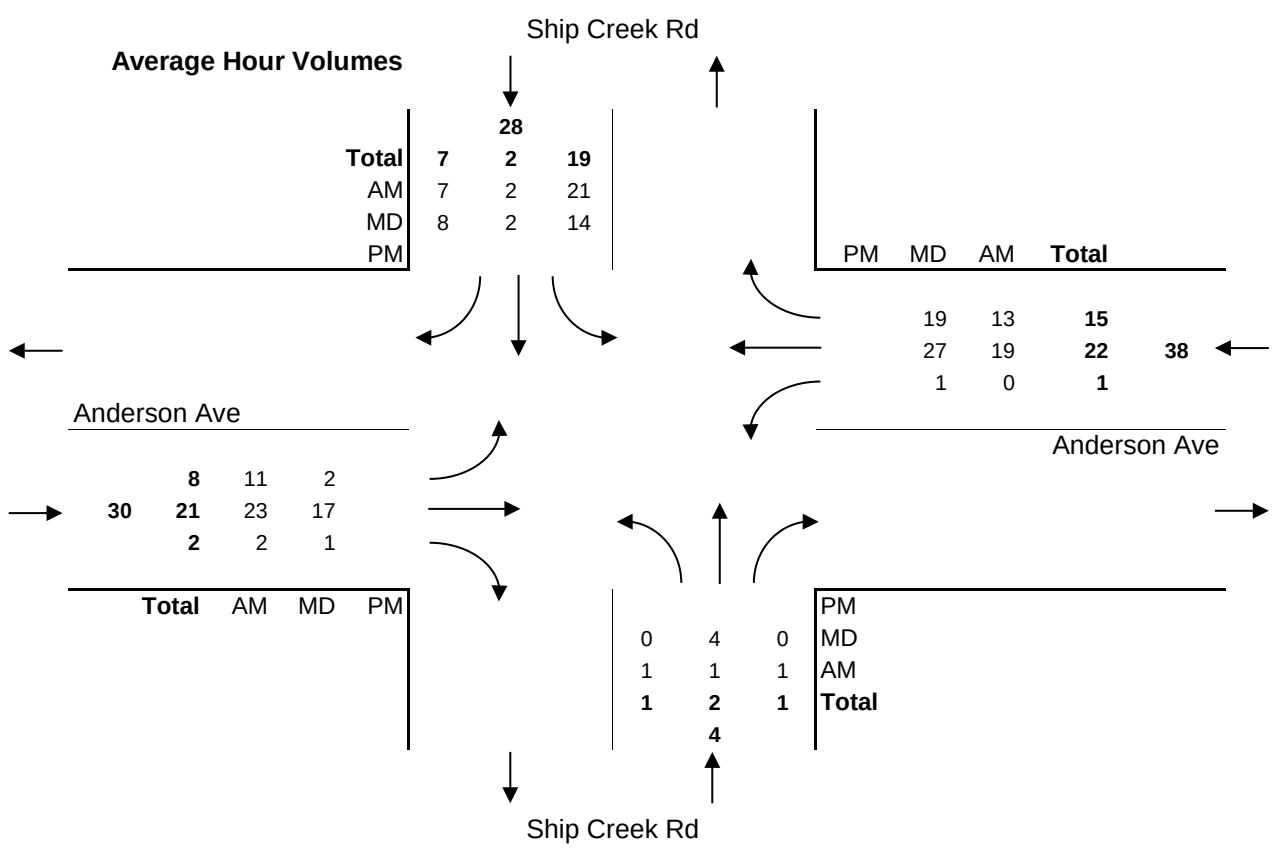
MD Peak Period
3 Hours

	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	43	7	24	**74**	1	11	1	**13**	7	52	2	**61**	3	82	57	**142**	290	0	0	0	0
Avg Hr	14	2	8	**25**	0	4	0	**4**	2	17	1	**20**	1	27	19	**47**	97	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)	16	29	3	1	19	13	1	1	4	25	7	7
Peak Hour Factor	0.57	0.73	0.38	0.25	0.59	0.65	0.25	0.25	0.33	0.69	0.29	0.35
Total Volume	53	117	10	1	93	66	6	5	5	105	12	33
% of Total Vehicles	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	2	17	2	3	32	27	1	4	0	12	1	10
Peak Hour Factor	0.50	0.71	0.25	0.38	0.80	0.52	0.25	0.50	n/a	0.60	0.25	0.50
Total Volume	7	52	2	3	82	57	1	11	1	43	7	24
% 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)	13	16	3	1	11	9	1	0	4	16	6	6
Peak Hour Factor	0.54	0.67	0.38	0.25	0.69	0.56	0.25	n/a	0.33	0.57	0.30	0.38
Total Volume	44	70	8	1	50	43	4	3	4	75	9	26
% of Total Vehicles	83%	60%	80%	100%	54%	65%	67%	60%	80%	71%	75%	79%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	1	9	2	3	19	20	1	4	0	8	1	10
Peak Hour Factor	0.25	0.56	0.25	0.38	0.68	0.50	0.25	0.50	n/a	0.67	0.25	0.50
Total Volume	6	25	2	3	54	44	1	9	1	32	5	20
% of Total Vehicles	86%	48%	100%	100%	66%	77%	100%	82%	100%	74%	71%	83%

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	0
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	n/a
Total Volume	1	0	0	0	0	0	0	0	0	0	0	2
% of Total Vehicles	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%

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	1
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%

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)	1	4	0	0	2	0	0	0	0	1	0	0
Peak Hour Factor	0.25	0.50	n/a	n/a	0.50	n/a	n/a	n/a	n/a	0.25	n/a	n/a
Total Volume	3	15	0	0	15	3	0	0	0	3	0	0
% of Total Vehicles	6%	13%	0%	0%	16%	5%	0%	0%	0%	3%	0%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	1	1	0	0	4	2	0	0	0	1	0	0
Peak Hour Factor	0.25	0.25	n/a	n/a	0.50	0.50	n/a	n/a	n/a	0.25	n/a	n/a
Total Volume	1	5	0	0	8	2	0	0	0	3	0	3
% of Total Vehicles	14%	10%	0%	0%	10%	4%	0%	0%	0%	7%	0%	13%

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	2	1	0	0	1	1	0	0	0	1	0	1
% of Total Vehicles	4%	1%	0%	0%	1%	2%	0%	0%	0%	1%	0%	3%

MD

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

Dump Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	3	0	0	1	4	0	1	0	3	1	0
Peak Hour Factor	n/a	0.38	n/a	n/a	0.25	1.00	n/a	0.25	n/a	0.38	0.25	n/a
Total Volume	0	10	1	0	9	12	2	2	0	11	3	1
% of Total Vehicles	0%	9%	10%	0%	10%	18%	33%	40%	0%	10%	25%	3%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	2	0	0	3	1	0	0	0	2	0	0
Peak Hour Factor	n/a	0.50	n/a	n/a	0.38	0.25	n/a	n/a	n/a	0.50	n/a	n/a
Total Volume	0	6	0	0	7	4	0	2	0	6	2	0
% of Total Vehicles	0%	12%	0%	0%	9%	7%	0%	18%	0%	14%	29%	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	1	0	0
% of Total Vehicles	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	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	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	1	0	0	0	1	0	0	0	0	0	0
Peak Hour Factor	n/a	0.25	n/a	n/a	n/a	0.25	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%	2%	0%	0%	0%	2%	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	4	0	0	3	0	0	0	0	1	0	0
Peak Hour Factor	n/a	0.33	n/a	n/a	0.38	n/a	n/a	n/a	n/a	0.25	n/a	n/a
Total Volume	1	9	0	0	11	2	0	0	0	3	0	0
% of Total Vehicles	2%	8%	0%	0%	12%	3%	0%	0%	0%	3%	0%	0%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	3	0	0	4	1	0	0	0	0	0	0
Peak Hour Factor	n/a	0.75	n/a	n/a	0.50	0.25	n/a	n/a	n/a	n/a	n/a	n/a

Total Volume	0	11	0	0	7	1	0	0	0	0	0	0
% of Total Vehicles	0%	21%	0%	0%	9%	2%	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

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	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

Utility Trucks

AM

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	1	2	0	0	2	0	0	0	0	4	0	1
Peak Hour Factor	0.25	0.50	n/a	n/a	0.25	n/a	n/a	n/a	n/a	0.50	n/a	0.25
Total Volume	2	12	1	0	7	5	0	0	1	12	0	3
% of Total Vehicles	4%	10%	10%	0%	8%	8%	0%	0%	20%	11%	0%	9%

MD

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Volume (vph)	0	1	0	0	2	2	0	0	0	1	0	0
Peak Hour Factor	n/a	0.25	n/a	n/a	0.50	0.50	n/a	n/a	n/a	0.25	n/a	n/a
Total Volume	0	4	0	0	6	5	0	0	0	1	0	0
% of Total Vehicles	0%	8%	0%	0%	7%	9%	0%	0%	0%	2%	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