

Royal Oak Drive @ Falaise Drive

Tuesday, March 03, 2020



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Major Route: Royal Oak Drive
Minor Route: Falaise Drive
Municipality: Saanich
Filename: Royal Oak Dr @ Falaise Dr-Mar 3, 2020.xlsx
Location #: TIN001443
Count ID: 202021
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Royal Oak Drive
Intersection Type: 4-leg
Signalized?: Yes
Weather: Clear and dry

Vehicle Classifications: Vehicles and Peds
 Bikes

This data is for Vehicles and Peds

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
PM	15:30	18:30	3.00
Total	7:30	18:30	5.00

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:

AM Peak Period
Vehicles and Peds

Royal Oak Drive @ Falaise Drive
Tuesday, March 3, 2020

Time Period Begins	Falaise Dr NORTH Approach				Falaise Dr SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume		Pedestrian	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
7:30	4	1	11	16	24	3	4	31	9	103	23	135	7	132	0	139	321		2	1	1	3	177		
7:45	5	0	8	13	26	0	4	30	11	120	37	168	1	159	5	165	376		1	1	0	1	209		
8:00	7	2	14	23	20	3	7	30	7	141	42	190	6	179	0	185	428	*	0	1	1	3	225		
8:15	4	0	16	20	26	1	3	30	10	142	49	201	3	189	2	194	445	1570*	2	2	2	2	243	854	
8:30	4	1	15	20	34	0	10	44	16	140	51	207	6	180	6	192	463	1712*	0	1	2	2	252	929	
8:45	3	0	9	12	42	4	4	50	9	130	66	205	10	195	4	209	476	1812+	1	1	1	6	259	979	
9:00	2	0	9	11	41	2	9	52	9	122	65	196	13	149	2	164	423	1807	2	0	1	3	250	1004	
9:15	6	0	7	13	40	0	8	48	7	105	46	158	7	134	4	145	364	1726	0	5	1	2	205	966	
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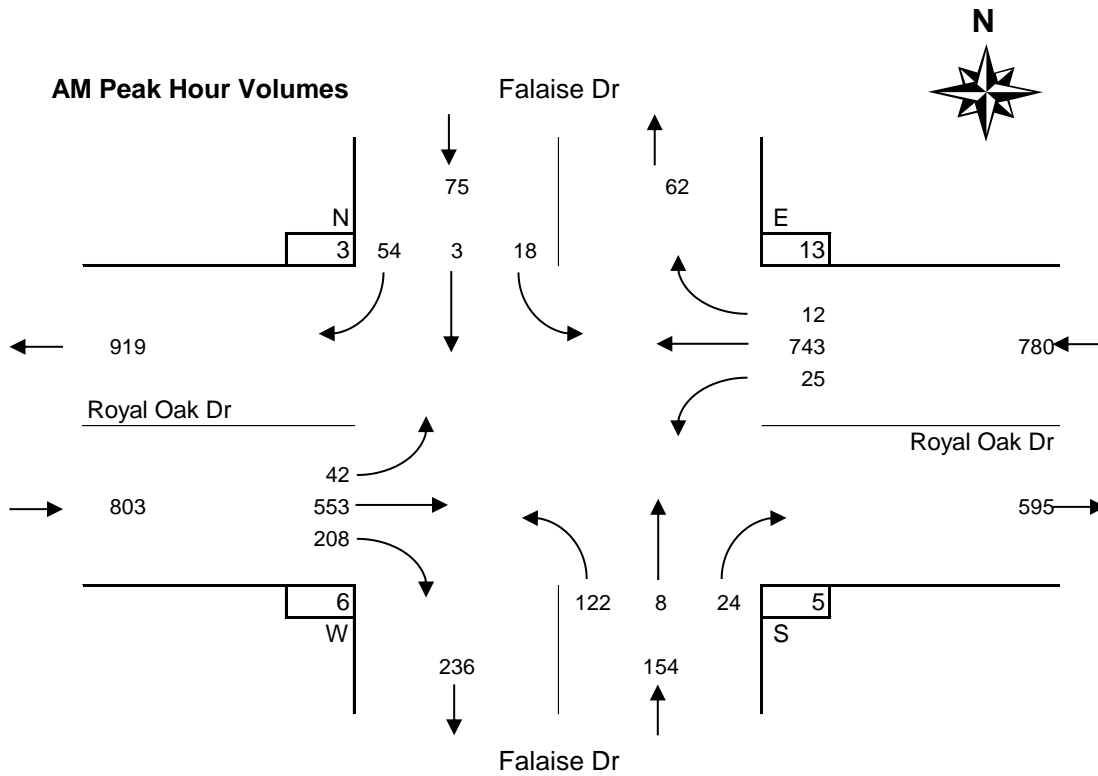
Total	35	4	89	128	253	13	49	315	78	1003	379	1460	53	1317	23	1393	3296		8	12	9	22	1781
Avg Hr	18	2	45	64	127	7	25	158	39	502	190	730	27	659	12	697	1648		4	6	5	11	

Peak hour of the intersection

Pk Hr	18	3	54	75	122	8	24	154	42	553	208	803	25	743	12	780	1812*		3	5	6	13	976
15x4	28	8	64	92	168	16	40	200	64	568	264	828	40	780	24	836	1904*		8	8	8	24	1112
PHF	0.64	0.38	0.84	0.82	0.73	0.50	0.60	0.77	0.66	0.97	0.79	0.97	0.63	0.95	0.50	0.93	0.95		0.38	0.63	0.75	0.54	0.88

Peak hour of conflicting volumes for the intersection

Pk Hr	13	1	49	63	143	7	26	176	44	534	231	809	32	713	14	759	1807*		5	4	6	13	990
15x4	16	4	64	80	168	16	40	208	64	568	264	828	52	780	24	836	1904*		8	8	8	24	1120
PHF	0.81	0.25	0.77	0.79	0.85	0.44	0.65	0.85	0.69	0.94	0.88	0.98	0.62	0.91	0.58	0.91	0.95		0.63	0.50	0.75	0.54	0.88



Time Period Begins	Falaise Dr NORTH Approach				Falaise Dr SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume		Pedestrians	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	1 Hr	
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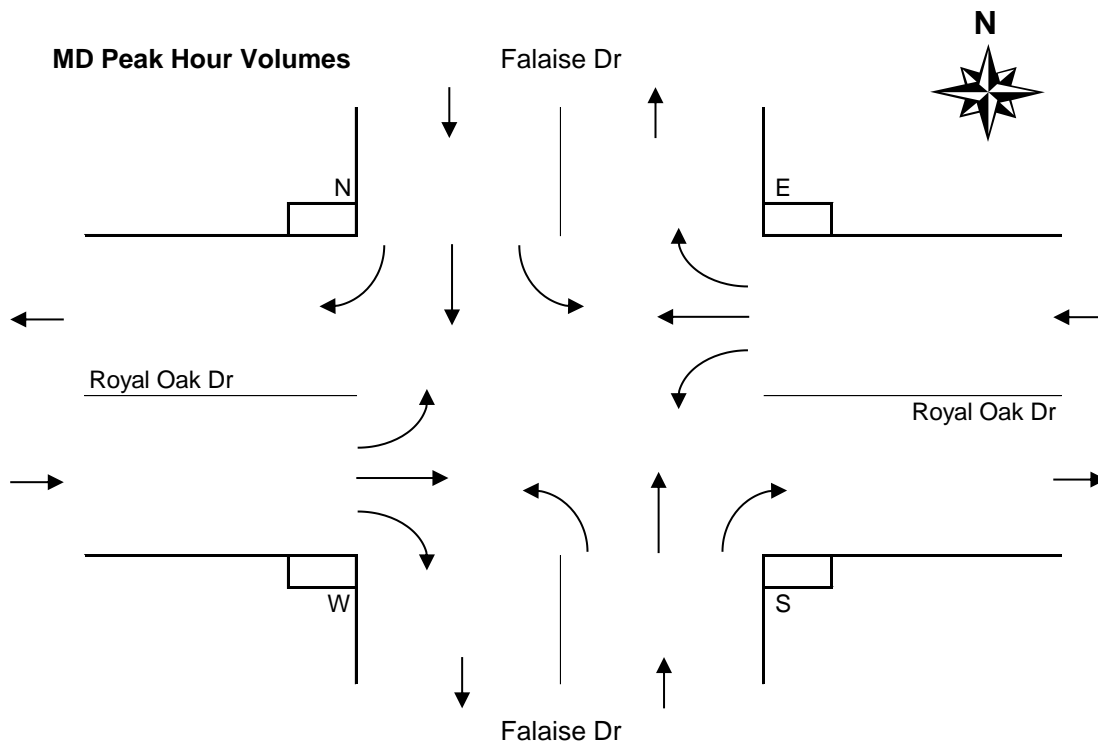
Total																												
Avg Hr																												

Peak hour of the intersection

Pk Hr																												
15x4																												
PHF																												

Peak hour of conflicting volumes for the intersection

Pk Hr																												
15x4																												
PHF																												



Time Period Begins	Falaise Dr NORTH Approach				Falaise Dr SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume		Pedestrians	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
	15:30	10	4	14	28	75	3	26	104	11	128	80	219	13	117	5	135	486			0	6	3	1	314
15:45	6	2	11	19	83	5	27	115	14	130	98	242	20	156	5	181	557		3	2	2	2	344		
16:00	4	0	9	13	100	4	28	132	11	145	86	242	26	125	4	155	542		2	2	3	1	366		
16:15	5	3	11	19	71	7	22	100	14	153	90	257	29	143	4	176	552	2137*	1	2	2	2	357	1381	
16:30	11	1	21	33	102	3	29	134	9	139	95	243	17	117	2	136	546	2197*	2	4	4	1	375	1442	
16:45	7	1	9	17	95	6	37	138	9	145	98	252	19	129	0	148	555	2195+	1	1	1	1	367	1465	
17:00	7	3	13	23	85	5	40	130	11	151	103	265	13	116	1	130	548	2201*	0	4	2	0	368	1467	
17:15	3	1	3	7	87	3	31	121	16	137	87	240	18	111	3	132	500	2149	1	2	3	0	333	1443	
17:30	0	1	5	6	88	5	20	113	7	129	84	220	24	112	2	138	477	2080	3	5	1	3	331	1399	
17:45	2	2	7	11	87	1	29	117	7	131	87	225	13	109	3	125	478	2003	1	2	2	0	327	1359	
18:00	1	2	6	9	84	3	19	106	12	90	62	164	11	126	3	140	419	1874	3	4	2	0	255	1246	
18:15	3	0	3	6	49	1	20	70	6	98	49	153	11	109	0	120	349	1723	0	13	3	4	210	1123	
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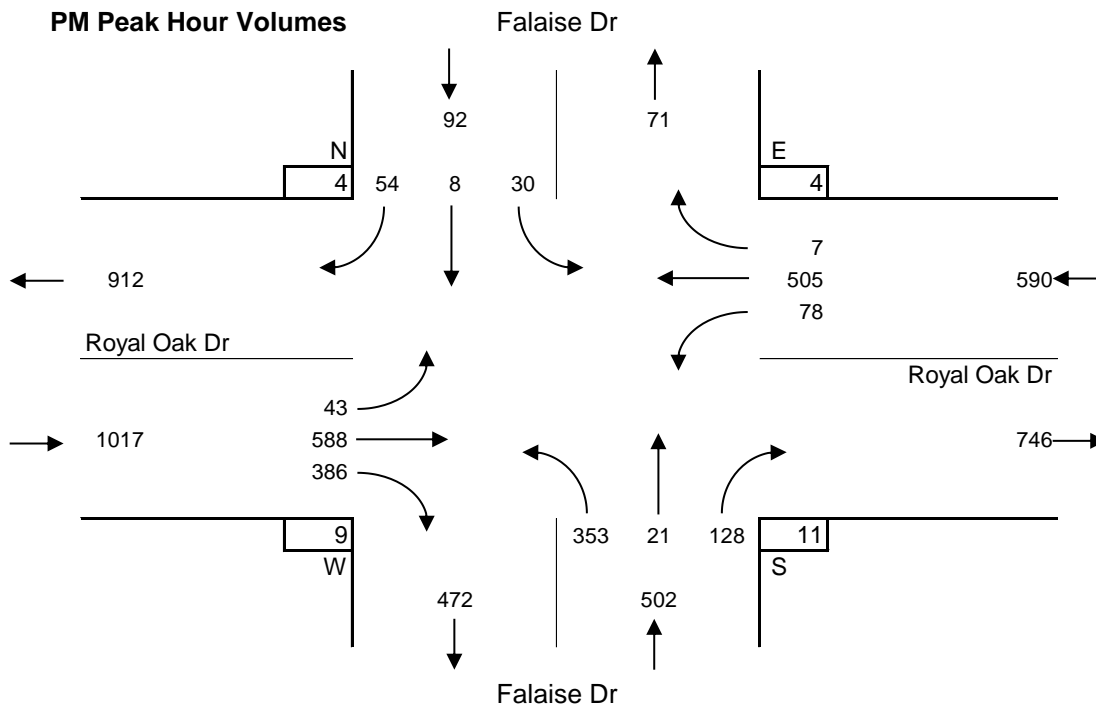
Total	59	20	112	191	1006	46	328	1380	127	1576	1019	2722	214	1470	32	1716	6009		17	47	28	15	3947
Avg Hr	20	7	37	64	335	15	109	460	42	525	340	907	71	490	11	572	2003		6	16	9	5	

Peak hour of the intersection

Pk Hr	30	8	54	92	353	21	128	502	43	588	386	1017	78	505	7	590	2201*		4	11	9	4	1467
15x4	44	12	84	132	408	28	160	552	56	612	412	1060	116	572	16	704	2220+		8	16	16	8	1644
PHF	0.68	0.67	0.64	0.70	0.87	0.75	0.80	0.91	0.77	0.96	0.94	0.96	0.67	0.88	0.44	0.84	0.99		0.50	0.69	0.56	0.50	0.89

Peak hour of conflicting volumes for the intersection

Pk Hr	30	8	54	92	353	21	128	502	43	588	386	1017	78	505	7	590	2201*		4	11	9	4	1467
15x4	44	12	84	132	408	28	160	552	56	612	412	1060	116	572	16	704	2220+		8	16	16	8	1644
PHF	0.68	0.67	0.64	0.70	0.87	0.75	0.80	0.91	0.77	0.96	0.94	0.96	0.67	0.88	0.44	0.84	0.99		0.50	0.69	0.56	0.50	0.89



Entire Survey Period

5 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	94	24	201	319	1259	59	377	1695	205	2579	1398	4182	267	2787	55	3109	9305	25	59	37	37
Avg Hr	19	5	40	64	252	12	75	339	41	516	280	836	53	557	11	622	1861	5	12	7	7

AM Peak Period

2 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	35	4	89	128	253	13	49	315	78	1003	379	1460	53	1317	23	1393	3296	8	12	9	22
Avg Hr	18	2	45	64	127	7	25	158	39	502	190	730	27	659	12	697	1648	4	6	5	11

MD Peak Period

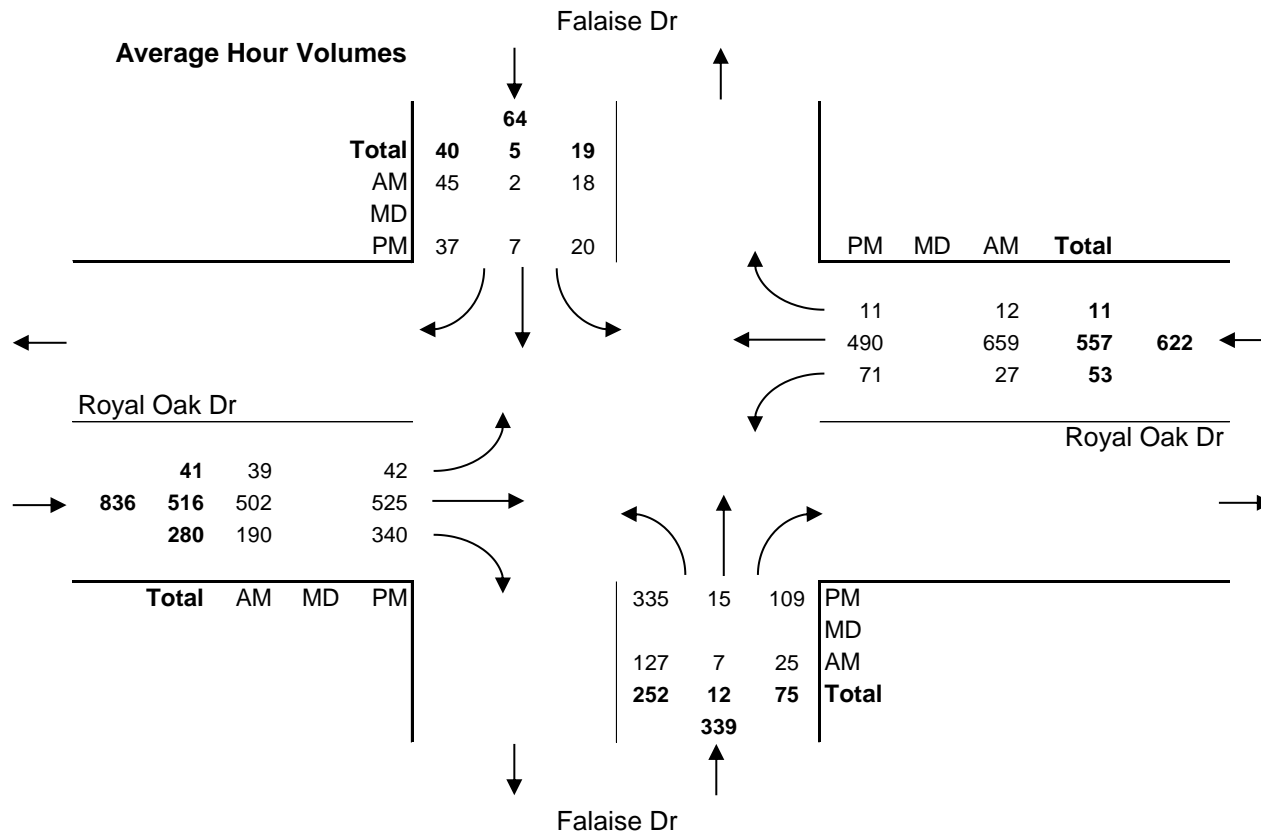
Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume	Crosswalks			
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	59	20	112	191	1006	46	328	1380	127	1576	1019	2722	214	1470	32	1716	6009	17	47	28	15
Avg Hr	20	7	37	64	335	15	109	460	42	525	340	907	71	490	11	572	2003	6	16	9	5



Major Route: Royal Oak Drive
Minor Route: Falaise Drive
Municipality: Saanich
Filename: Royal Oak Dr @ Falaise Dr-Mar 3, 2020.xlsx
Location #: TIN001443
Count ID: 202021
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Royal Oak Drive
Intersection Type: 4-leg
Signalized?: Yes
Weather: Clear and dry

Vehicle Classifications: Vehicles and Peds
 Bikes

This data is for Bikes

Shift	Start	End	Duration
AM	7:30	9:30	2.00
MD			
PM	15:30	18:30	3.00
Total	7:30	18:30	5.00

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
Bikes

Royal Oak Drive @ Falaise Drive
Tuesday, March 3, 2020

Time Period Begins	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		Peak Period				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total							
7:30	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	3		*	0	0	0	0
7:45	1	0	0	1	0	0	0	0	0	4	0	4	0	0	0	0	5		+	0	0	0	0
8:00	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	2		*	0	0	0	0
8:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	11	*	0	0	0	0
8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	9		0	0	0	0
8:45	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	6		0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	6		0	0	0	0
9:15	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	7		0	0	0	0
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Total	2	1	0	3	1	0	0	1	0	9	0	9	0	5	0	5	18			0	0	0	0

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15:30	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4			0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1			0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	3			0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	9		0	0	0	0
16:30	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	7	*	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	7	*	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	1	1	2	0	2	0	2	4	8	*	0	0	0	0
17:15	0	0	0	0	1	0	0	1	0	3	0	3	0	5	1	6	10	17	+	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		0	0	0	0
17:45	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	2	16		0	0	0	0
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2	14		0	0	0	0
18:15	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2	6		0	0	0	0
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Total	1	0	0	1	2	2	0	4	0	10	3	13	0	13	1	14	32			0	0	0	0

Time Period Begins	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		Peak Period	Conflict								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	15 min	Hour			
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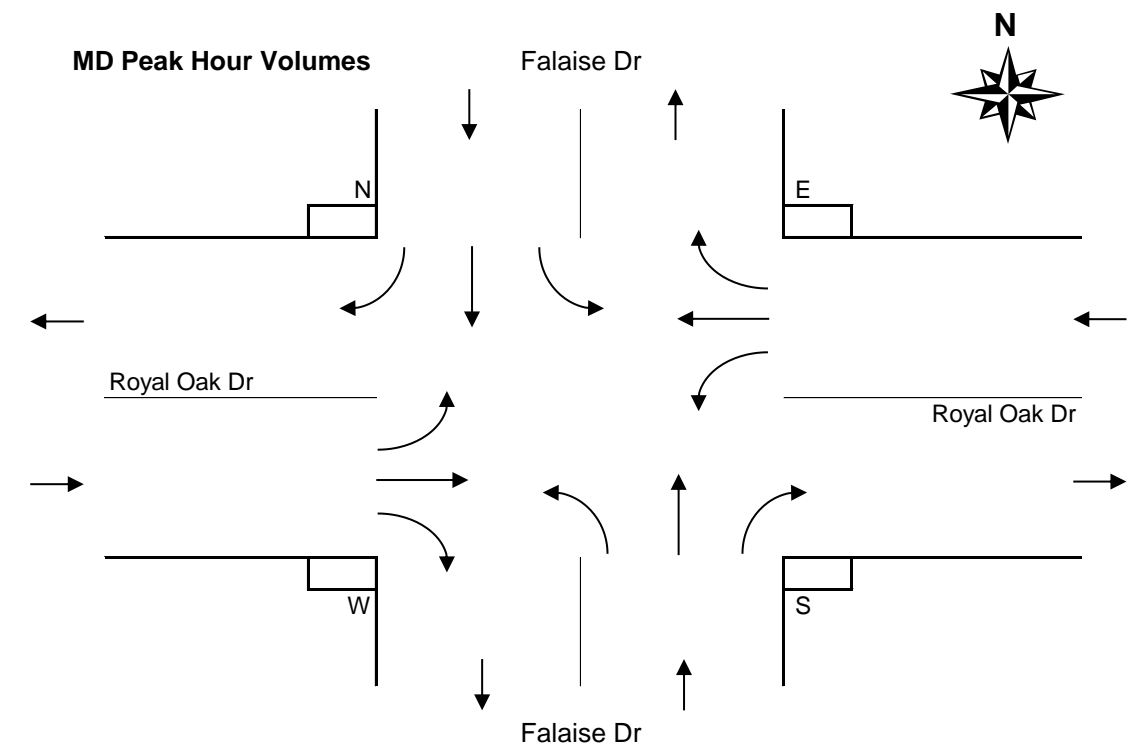
Total																													
Avg Hr																													

Peak hour of the intersection

Pk Hr																													
15x4																													
PHF																													

Peak hour of conflicting volumes for the intersection

Pk Hr																													
15x4																													
PHF																													



Time Period Begins	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		Pedestrian	Conflict					
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total								15 min	Hour
15:30	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4		0	0	0	0	2		
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1		0	0	0	0	1		
16:00	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	3		0	0	0	0	3		
16:15	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	9		0	0	0	0	1	7
16:30	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	7*		0	0	0	0	2	7
16:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	7*		0	0	0	0	1	7
17:00	0	0	0	0	0	0	0	0	0	1	1	2	0	2	0	2	4	8*		0	0	0	0	2	6
17:15	0	0	0	0	1	0	0	1	0	3	0	3	0	5	1	6	10	17+		0	0	0	0	7	12
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15		0	0	0	0	0	10
17:45	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	2	16		0	0	0	0	2	11
18:00	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2	14		0	0	0	0	2	11
18:15	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	2	6		0	0	0	0	2	6
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Total	1	0	0	1	2	2	0	4	0	10	3	13	0	13	1	14	32								
Avg Hr	0	0	0	0	1	1	0	1	0	3	1	4	0	4	0	5	11								

0	0	0	0	17
0	0	0	0	

Peak hour of the intersection

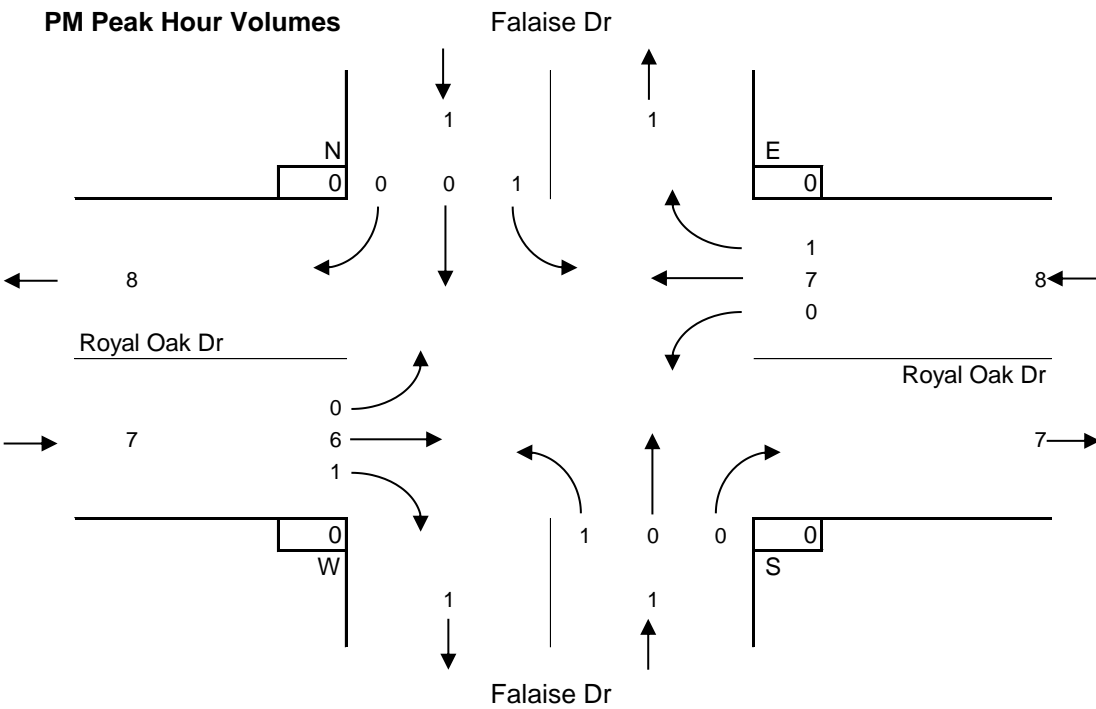
Pk Hr	1	0	0	1	1	0	0	1	0	6	1	7	0	7	1	8	17*								
15x4	4	0	0	4	4	0	0	4	0	12	4	12	0	20	4	24	40+								
PHF	0.25	n/a	n/a	0.25	0.25	n/a	n/a	0.25	n/a	0.50	0.25	0.58	n/a	0.35	0.25	0.33	0.43								

0	0	0	0	9
0	0	0	0	28
n/a	n/a	n/a	n/a	0.32

Peak hour of conflicting volumes for the intersection

Pk Hr	1	0	0	1	1	0	0	1	0	6	1	7	0	7	1	8	17*								
15x4	4	0	0	4	4	0	0	4	0	12	4	12	0	20	4	24	40+								
PHF	0.25	n/a	n/a	0.25	0.25	n/a	n/a	0.25	n/a	0.50	0.25	0.58	n/a	0.35	0.25	0.33	0.43								

0	0	0	0	9
0	0	0	0	28
n/a	n/a	n/a	n/a	0.32



Entire Survey Period

5 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total	3	1	0	4	3	2	0	5	0	19	3	22	0	18	1	19	50	0	0	0	0
Avg Hr	1	0	0	1	1	0	0	1	0	4	1	4	0	4	0	4	10	0	0	0	0

AM Peak Period

2 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	2	1	0	3	1	0	0	1	0	9	0	9	0	5	0	5	18	0	0	0	0
Avg Hr	1	1	0	2	1	0	0	1	0	5	0	5	0	3	0	3	9	0	0	0	0

MD Peak Period

Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Falaise Dr				Falaise Dr				Royal Oak Dr				Royal Oak Dr				Total Volume				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach					N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total					
Totals	1	0	0	1	2	2	0	4	0	10	3	13	0	13	1	14	32	0	0	0	0
Avg Hr	0	0	0	0	1	1	0	1	0	3	1	4	0	4	0	5	11	0	0	0	0

