Royal Oak Drive @ Royal Oak Avenue

Tuesday, March 03, 2020

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Vehicle Turning Movement Survey
With Classification

Major Route: Royal Oak Drive
Minor Route: Royal Oak Avenue
Municipality: Saanich
Filename: Royal Oak Dr @ Royal Oak Ave-Mar 3, 2020.xlsx
Location #: TIN000986
Count ID: 202024
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Royal Oak Drive
Intersection Type: 3-leg south approach
Signalized?: No
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:

Survey Data
Vehicles and Peds

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

Time					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr										
Period	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total Volume		Peak	Crosswalks			
Begins	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E
7:30					2		5	**7**		103	1	**104**	6	136		**142**	**253**				0	0	0
7:45					8		4	**12**		109	3	**112**	8	138		**146**	**270**				4	3	0
8:00					6		7	**13**		147	3	**150**	6	174		**180**	**343**		*		3	2	0
8:15					6		5	**11**		126	3	**129**	8	178		**186**	**326**	1192	*		3	3	0
8:30					6		8	**14**		143	5	**148**	19	198		**217**	**379**	1318	+		3	2	0
8:45					9		12	**21**		119	4	**123**	26	193		**219**	**363**	1411	*		2	0	0
9:00					6		5	**11**		118	6	**124**	5	141		**146**	**281**	1349			5	0	0
9:15					5		9	**14**		99	4	**103**	4	143		**147**	**264**	1287			1	0	0
n/a																							
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n/a																							
n/a																							
n/a																							
Total					48		55	**103**		964	29	**993**	82	1301		**1383**	**2479**				21	10	0
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n/a																							
Total																							
15:30					5		7	**12**		165	15	**180**	8	137		**145**	**337**				7	2	0
15:45					4		5	**9**		132	11	**143**	9	177		**186**	**338**				1	1	0
16:00					7		3	**10**		161	11	**172**	6	152		**158**	**340**		*		3	2	0
16:15					7		7	**14**		149	11	**160**	7	141		**148**	**322**	1337	*		1	1	0
16:30					7		13	**20**		183	8	**191**	4	122		**126**	**337**	1337	*		3	3	0
16:45					3		4	**7**		188	12	**200**	4	143		**147**	**354**	1353	+		1	0	0
17:00					1		10	**11**		168	13	**181**	7	138		**145**	**337**	1350			1	3	0
17:15					9		7	**16**		168	13	**181**	3	113		**116**	**313**	1341			5	7	0
17:30					6		6	**12**		142	5	**147**	4	128		**132**	**291**	1295			6	3	0
17:45					15		10	**25**		152	4	**156**	4	109		**113**	**294**	1235			2	0	0
18:00					8		0	**8**		106	6	**112**	3	112		**115**	**235**	1133			3	0	0
18:15					2		2	**4**		120	2	**122**	2	105		**107**	**233**	1053			10	0	0
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n/a																							
Total					74		74	**148**		1834	111	**1945**	61	1577		**1638**	**3731**				43	22	0

AM Peak Period
Vehicles and Peds

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

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr 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
7:30					2		5	7		103	1	104	6	136		142	253				0	0	0	141	
7:45					8		4	12		109	3	112	8	138		146	270				4	3	0	146	
8:00					6		7	13		147	3	150	6	174		180	343		*		3	2	0	181	
8:15					6		5	11		126	3	129	8	178		186	326	1192	*		3	3	0	184	652
8:30					6		8	14		143	5	148	19	198		217	379	1318	+		3	2	0	206	717
8:45					9		12	21		119	4	123	26	193		219	363	1411	*		2	0	0	205	776
9:00					6		5	11		118	6	124	5	141		146	281	1349			5	0	0	147	742
9:15					5		9	14		99	4	103	4	143		147	264	1287			1	0	0	152	710
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n/a																									
n/a																									
n/a																									
Total					48		55	**103**		964	29	**993**	82	1301		**1383**	2479				21	10	0		1356
Avg Hr					24		28	**52**		482	15	**497**	41	651		**692**	1240				11	5	0		

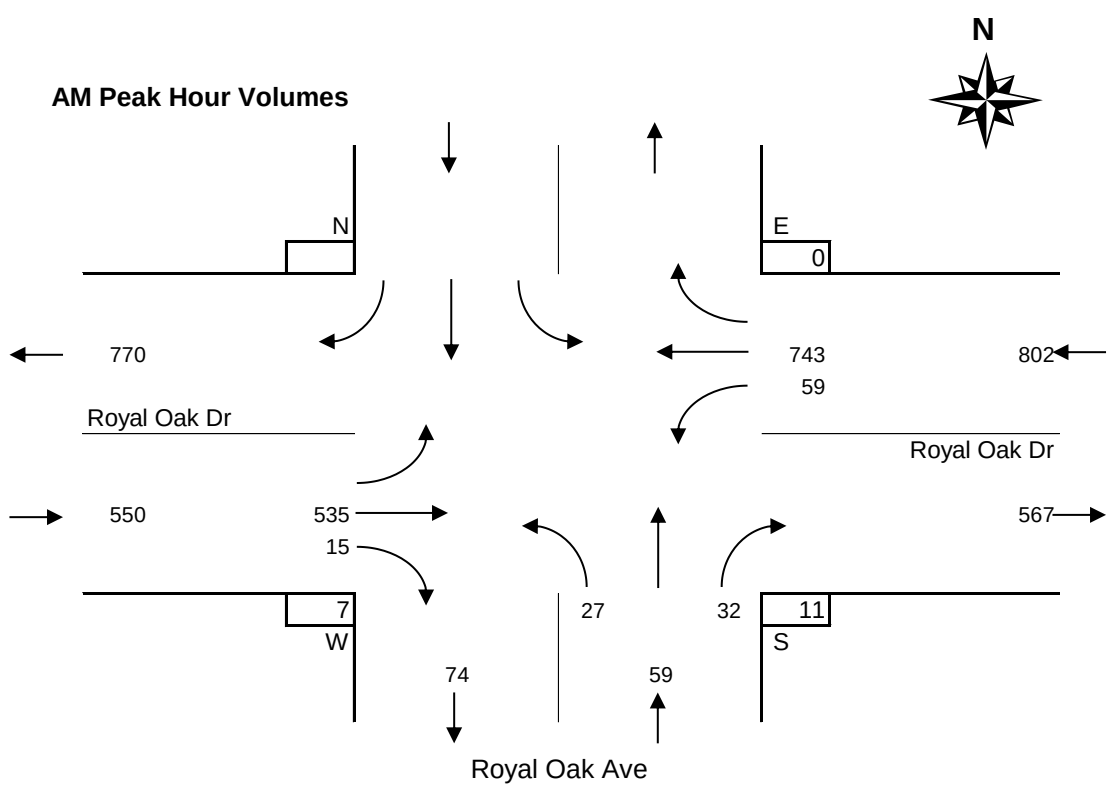
Peak hour of the intersection

Pk Hr					27		32	59		535	15	550	59	743		802	1411	*			11	7	0		775
15x4					36		48	84		588	20	600	104	792		876	1516	+			12	12	0		840
PHF					0.75		0.67	**0.70**		0.91	0.75	**0.92**	0.57	0.94		**0.92**	0.93				0.92	0.58	n/a		0.92

Peak hour of conflicting volumes for the intersection

Pk Hr					27		32	59		535	15	550	59	743		802	1411	*			11	7	0		775
15x4					36		48	84		588	20	600	104	792		876	1516	+			12	12	0		840
PHF					0.75		0.67	**0.70**		0.91	0.75	**0.92**	0.57	0.94		**0.92**	0.93				0.92	0.58	n/a		0.92

AM Peak Hour Volumes



MD Peak Period
Vehicles and Peds

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

Time Period Begins					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr												
	NORTH Approach				SOUTH Approach				WEST Approach				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
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n/a																									
n/a																									
Total																									
Avg Hr																									

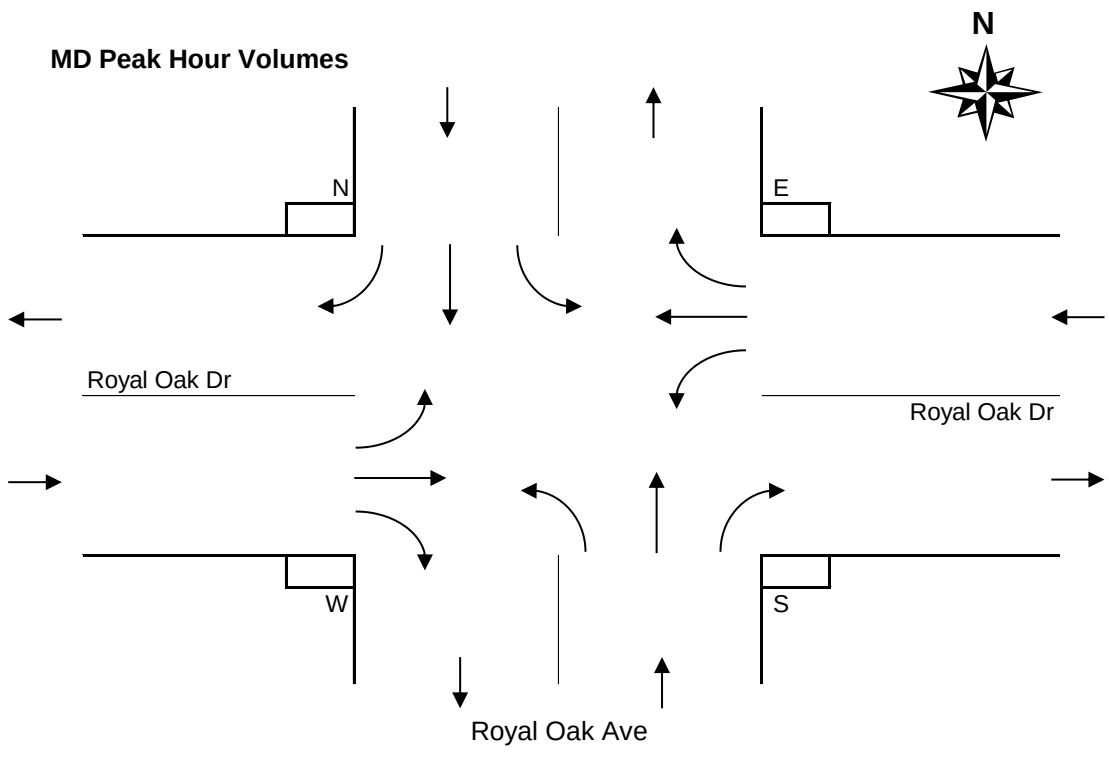
Peak hour of the intersection

Pk Hr																		*							
15x4																		+							
PHF																									

Peak hour of conflicting volumes for the intersection

Pk Hr																		*							
15x4																		+							
PHF																									

MD Peak Hour Volumes



PM Peak Period
Vehicles and Peds

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

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr 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
15:30					5		7	12		165	15	180	8	137		145	337				7	2	0	195	
15:45					4		5	9		132	11	143	9	177		186	338				1	1	0	182	
16:00					7		3	10		161	11	172	6	152		158	340		*		3	2	0	185	
16:15					7		7	14		149	11	160	7	141		148	322	1337	*		1	1	0	174	736
16:30					7		13	20		183	8	191	4	122		126	337	1337	*		3	3	0	208	749
16:45					3		4	7		188	12	200	4	143		147	354	1353	+		1	0	0	208	775
17:00					1		10	11		168	13	181	7	138		145	337	1350			1	3	0	198	788
17:15					9		7	16		168	13	181	3	113		116	313	1341			5	7	0	193	807
17:30					6		6	12		142	5	147	4	128		132	291	1295			6	3	0	157	756
17:45					15		10	25		152	4	156	4	109		113	294	1235			2	0	0	175	723
18:00					8		0	8		106	6	112	3	112		115	235	1133			3	0	0	123	648
18:15					2		2	4		120	2	122	2	105		107	233	1053			10	0	0	126	581
n/a																									
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n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total					74		74	**148**		1834	111	**1945**	61	1577		**1638**	3731				43	22	0		2080
Avg Hr					25		25	**49**		611	37	**648**	20	526		**546**	1244				14	7	0		

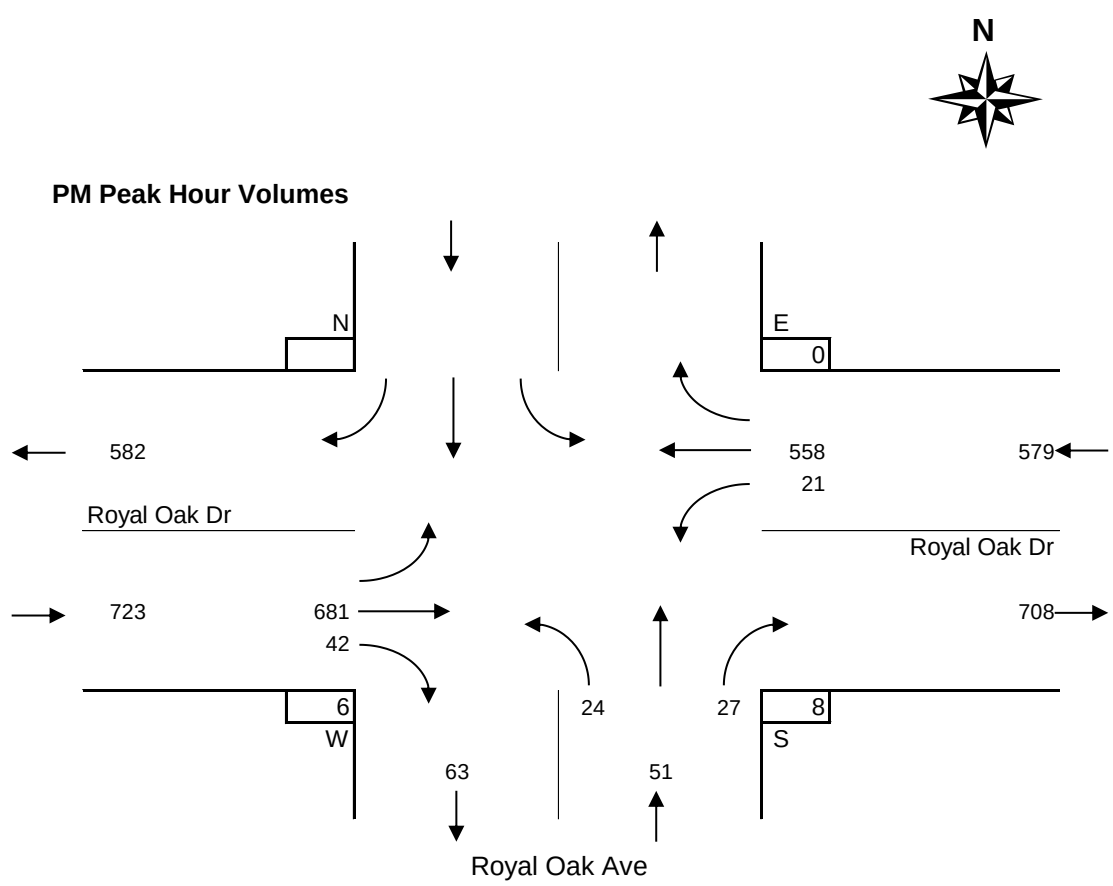
Peak hour of the intersection

Pk Hr					24		27	51		681	42	723	21	558		579	1353	*			8	6	0		771
15x4					28		52	80		752	48	800	28	608		632	1416	+			12	12	0		880
PHF					0.86		0.52	**0.64**		0.91	0.88	**0.90**	0.75	0.92		**0.92**	0.96				0.67	0.50	n/a		0.88

Peak hour of conflicting volumes for the intersection

Pk Hr					20		34	54		707	46	753	18	516		534	1341	*			10	13	0		805
15x4					36		52	80		752	52	800	28	572		588	1416	+			20	28	0		884
PHF					0.56		0.65	**0.68**		0.94	0.88	**0.94**	0.64	0.90		**0.91**	0.95				0.50	0.46	n/a		0.91

PM Peak Hour Volumes



Period Hourly Averages
Vehicles and Peds

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

Entire Survey Period

5 Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr					Crosswalks			
	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					122		129	**251**		2798	140	**2938**	143	2878		**3021**	6210		64	32	0
Avg Hr					24		26	**50**		560	28	**588**	29	576		**604**	1242		13	6	0

AM Peak Period

2 Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr					Crosswalks			
	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					48		55	**103**		964	29	**993**	82	1301		**1383**	2479		21	10	0
Avg Hr					24		28	**52**		482	15	**497**	41	651		**692**	1240		11	5	0

MD Peak Period

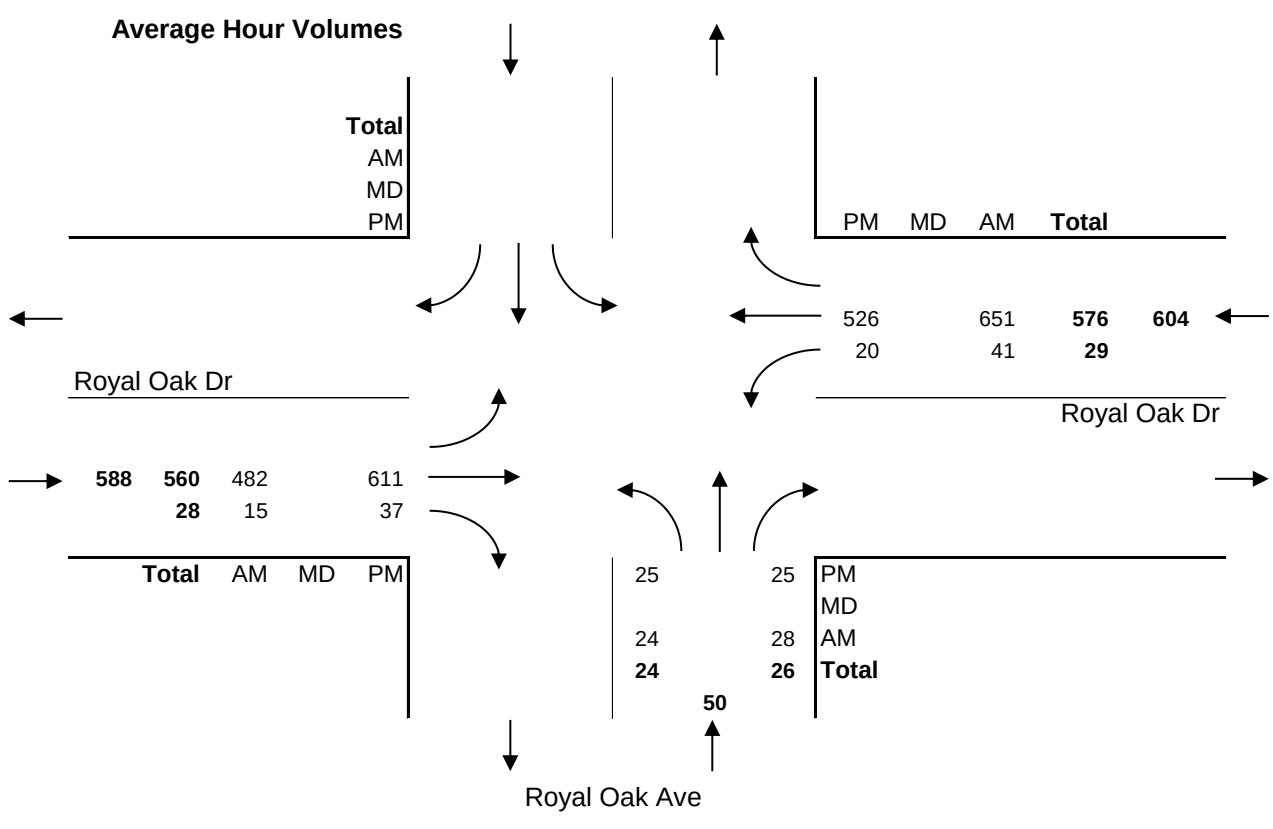
Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr					Crosswalks			
	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																					

PM Peak Period

3 Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr					Crosswalks			
	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					74		74	**148**		1834	111	**1945**	61	1577		**1638**	3731		43	22	0
Avg Hr					25		25	**49**		611	37	**648**	20	526		**546**	1244		14	7	0



Vehicle Turning Movement Survey
With Classification

Major Route: Royal Oak Drive
Minor Route: Royal Oak Avenue
Municipality: Saanich
Filename: Royal Oak Dr @ Royal Oak Ave-Mar 3, 2020.xlsx
Location #: TIN000986
Count ID: 202024
Date: March 3, 2020
Day-of-week: Tuesday

East/West Route: Royal Oak Drive
Intersection Type: 4-leg
Signalized?: No
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 @ Royal Oak Avenue
Tuesday, March 3, 2020

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr 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
7:30	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	1	0	**1**	**3**		*	0	0	0	0
7:45	0	0	0	**0**	0	0	2	**2**	0	5	0	**5**	0	0	0	**0**	**7**		+	0	0	0	0
8:00	0	0	0	**0**	0	0	1	**1**	0	1	0	**1**	0	2	0	**2**	**4**		*	0	0	0	0
8:15	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	15	*	0	0	0	0
8:30	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	2	1	0	**3**	**3**	15		0	0	0	0
8:45	0	0	0	**0**	0	0	0	**0**	0	1	1	**2**	0	0	0	**0**	**2**	10		0	0	0	0
9:00	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	0	0	0	**0**	**1**	7		0	0	0	0
9:15	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	1	1	0	**2**	**3**	9		0	0	0	0
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Total	0	0	0	**0**	1	0	3	**4**	0	11	1	**12**	3	5	0	**8**	**24**			0	0	0	0

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Total																							

15:30	0	0	0	**0**	0	0	0	**0**	0	2	0	**2**	0	3	0	**3**	**5**			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	0	**2**	0	0	0	**0**	**2**			0	0	0	0
16:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	9		0	0	0	0
16:30	0	0	0	**0**	0	0	1	**1**	0	4	0	**4**	0	1	0	**1**	**6**	10	*	0	0	0	0
16:45	0	0	0	**0**	0	0	2	**2**	0	0	1	**1**	0	1	0	**1**	**4**	13	*	0	0	0	0
17:00	0	0	0	**0**	0	0	1	**1**	0	2	0	**2**	0	3	0	**3**	**6**	17	*	0	0	0	0
17:15	0	0	0	**0**	1	0	0	**1**	0	3	0	**3**	1	4	0	**5**	**9**	25	+	0	0	0	0
17:30	0	0	0	**0**	1	0	0	**1**	0	0	0	**0**	1	1	0	**2**	**3**	22		0	0	0	0
17:45	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	2	0	**3**	**3**	21		0	0	0	0
18:00	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	1	0	0	**1**	**1**	16		0	0	0	0
18:15	0	0	0	**0**	0	0	0	**0**	0	0	0	**0**	0	1	0	**1**	**1**	8		0	0	0	0
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n/a																							
n/a																							
n/a																							
n/a																							
Total	0	0	0	**0**	2	0	4	**6**	0	13	1	**14**	4	18	0	**22**	**42**			0	0	0	0

AM Peak Period
Bikes

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

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr 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
7:30	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3		*	0	0	0	0	2	
7:45	0	0	0	0	0	0	2	2	0	5	0	5	0	0	0	0	7		+	0	0	0	0	7	
8:00	0	0	0	0	0	0	1	1	0	1	0	1	0	2	0	2	4		*	0	0	0	0	3	
8:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	15	*	0	0	0	0	1	13
8:30	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	3	15		0	0	0	0	2	13
8:45	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	2	10		0	0	0	0	2	8
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	7		0	0	0	0	1	6
9:15	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	2	3	9		0	0	0	0	2	7
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	1	0	3	**4**	0	11	1	**12**	3	5	0	**8**	24			0	0	0	0		18
Avg Hr	0	0	0	**0**	1	0	2	**2**	0	6	1	**6**	2	3	0	**4**	12			0	0	0	0		

Peak hour of the intersection

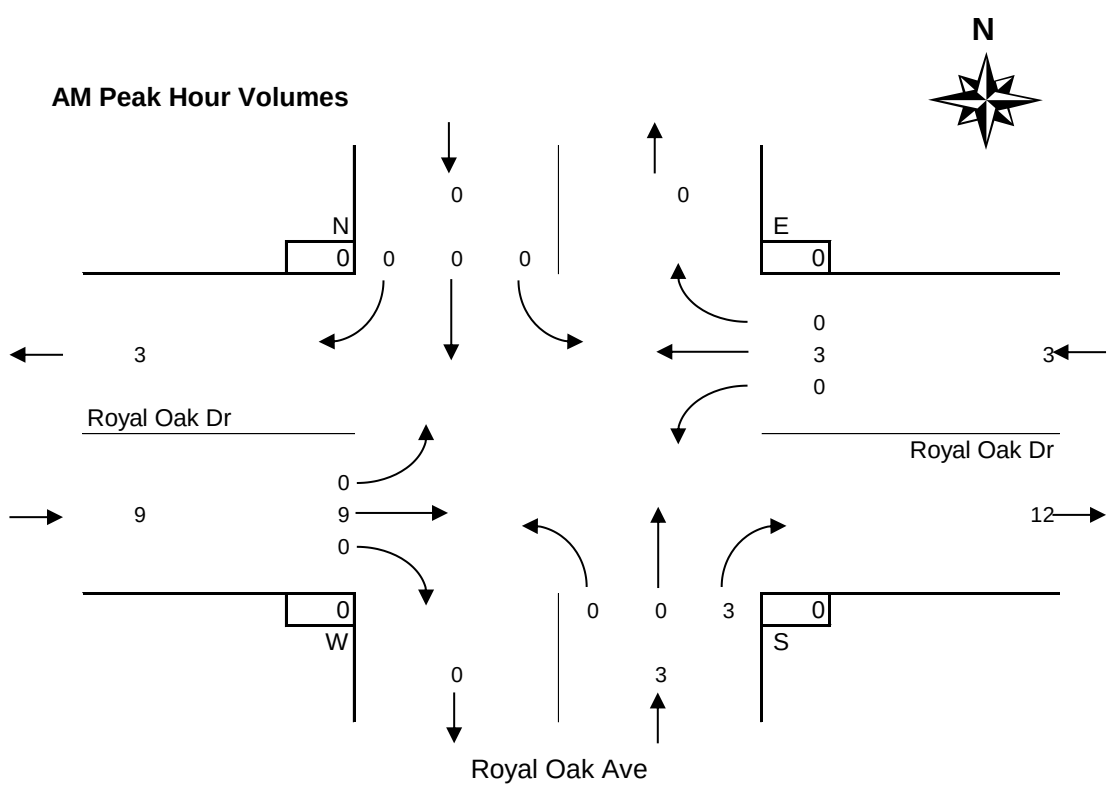
Pk Hr	0	0	0	0	0	0	3	3	0	9	0	9	0	3	0	3	15	*	0	0	0	0	12
15x4	0	0	0	0	0	0	8	8	0	20	0	20	0	8	0	8	28	+	0	0	0	0	28
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	0.38	**0.38**	n/a	0.45	n/a	**0.45**	n/a	0.38	n/a	**0.38**	0.54		n/a	n/a	n/a	n/a	0.43

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	0	0	3	3	0	9	0	9	0	3	0	3	15	*	0	0	0	0	12
15x4	0	0	0	0	0	0	8	8	0	20	0	20	0	8	0	8	28	+	0	0	0	0	28
PHF	n/a	n/a	n/a	**n/a**	n/a	n/a	0.38	**0.38**	n/a	0.45	n/a	**0.45**	n/a	0.38	n/a	**0.38**	0.54		n/a	n/a	n/a	n/a	0.43

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

AM Peak Hour Volumes



MD Peak Period
Bikes

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

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume		Peak					Conflict	
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour		N	S	W	E	15 min	Hr
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
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n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total																									
Avg Hr																									

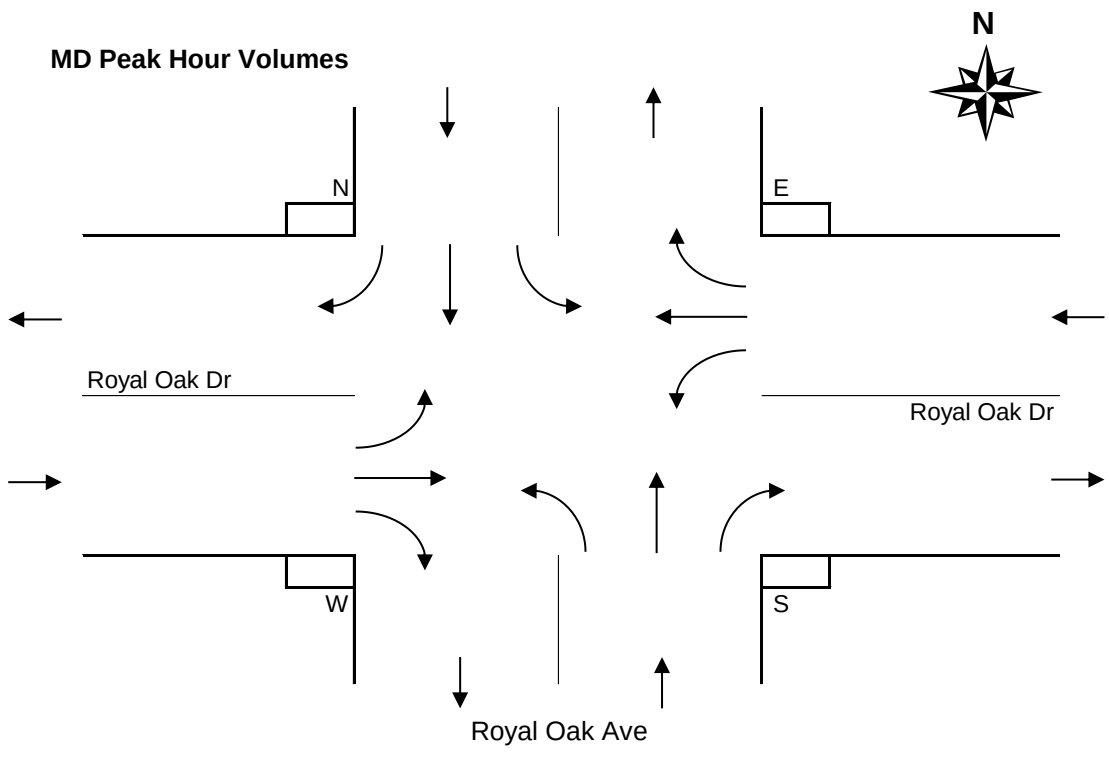
Peak hour of the intersection

Pk Hr																		*							
15x4																		+							
PHF																									

Peak hour of conflicting volumes for the intersection

Pk Hr																		*							
15x4																		+							
PHF																									

MD Peak Hour Volumes



PM Peak Period
Bikes

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

Time Period Begins	NORTH Approach				Royal Oak Ave SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr 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
15:30	0	0	0	0	0	0	0	0	0	2	0	2	0	3	0	3	5			0	0	0	0	3	
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	0	2	0	0	0	0	2			0	0	0	0	2	
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	9		0	0	0	0	1	7
16:30	0	0	0	0	0	0	1	1	0	4	0	4	0	1	0	1	6	10	*	0	0	0	0	5	9
16:45	0	0	0	0	0	0	2	2	0	0	1	1	0	1	0	1	4	13	*	0	0	0	0	3	11
17:00	0	0	0	0	0	0	1	1	0	2	0	2	0	3	0	3	6	17	*	0	0	0	0	4	13
17:15	0	0	0	0	1	0	0	1	0	3	0	3	1	4	0	5	9	25	+	0	0	0	0	5	17
17:30	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	2	3	22		0	0	0	0	2	14
17:45	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	3	21		0	0	0	0	2	13
18:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	16		0	0	0	0	1	10
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	8		0	0	0	0	1	6
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
Total	0	0	0	**0**	2	0	4	**6**	0	13	1	**14**	4	18	0	**22**	42			0	0	0	0		22
Avg Hr	0	0	0	**0**	1	0	1	**2**	0	4	0	**5**	1	6	0	**7**	14			0	0	0	0		

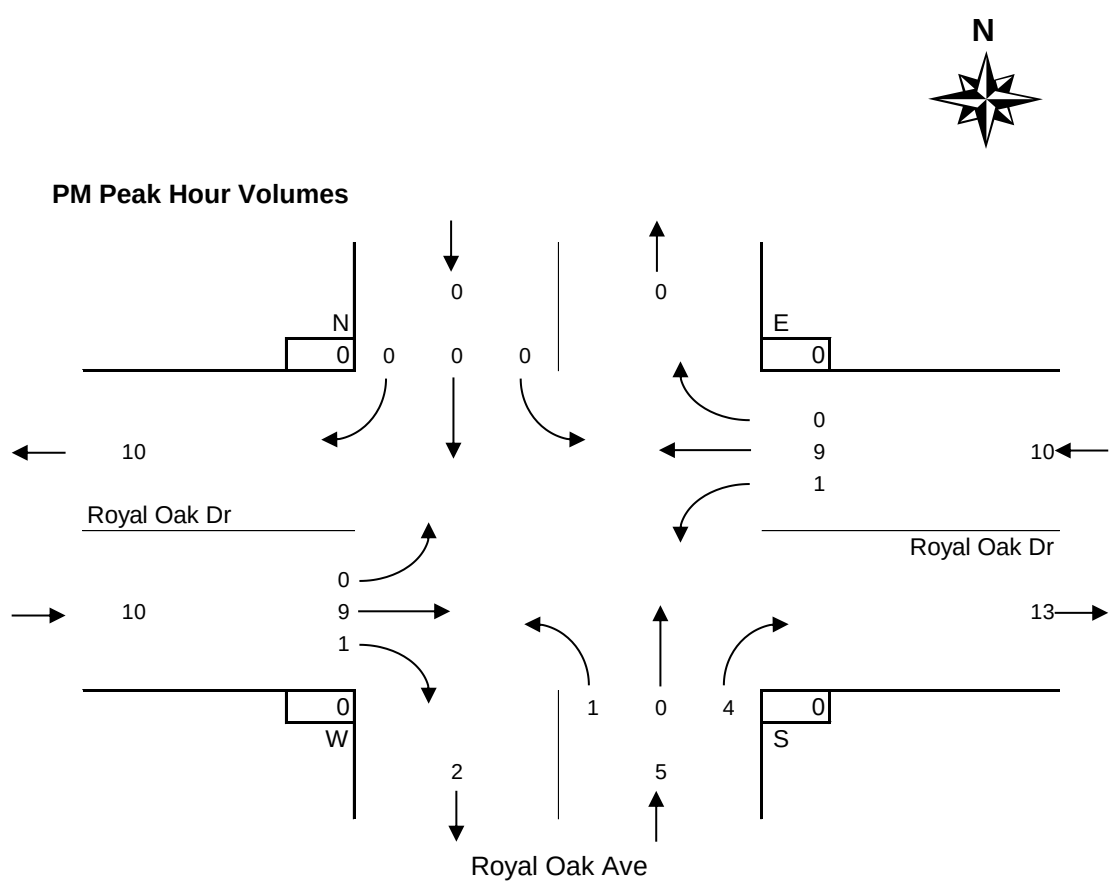
Peak hour of the intersection

Pk Hr	0	0	0	0	1	0	4	5	0	9	1	10	1	9	0	10	25	*		0	0	0	0		15
15x4	0	0	0	0	4	0	8	8	0	16	4	16	4	16	0	20	36	+		0	0	0	0		32
PHF	n/a	n/a	n/a	**n/a**	0.25	n/a	0.50	**0.63**	n/a	0.56	0.25	**0.63**	0.25	0.56	n/a	**0.50**	0.69			n/a	n/a	n/a	n/a		0.47

Peak hour of conflicting volumes for the intersection

Pk Hr	0	0	0	0	1	0	4	5	0	9	1	10	1	9	0	10	25	*		0	0	0	0		15
15x4	0	0	0	0	4	0	8	8	0	16	4	16	4	16	0	20	36	+		0	0	0	0		32
PHF	n/a	n/a	n/a	**n/a**	0.25	n/a	0.50	**0.63**	n/a	0.56	0.25	**0.63**	0.25	0.56	n/a	**0.50**	0.69			n/a	n/a	n/a	n/a		0.47

PM Peak Hour Volumes



Period Hourly Averages
Bikes

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

Entire Survey Period
5 Hours

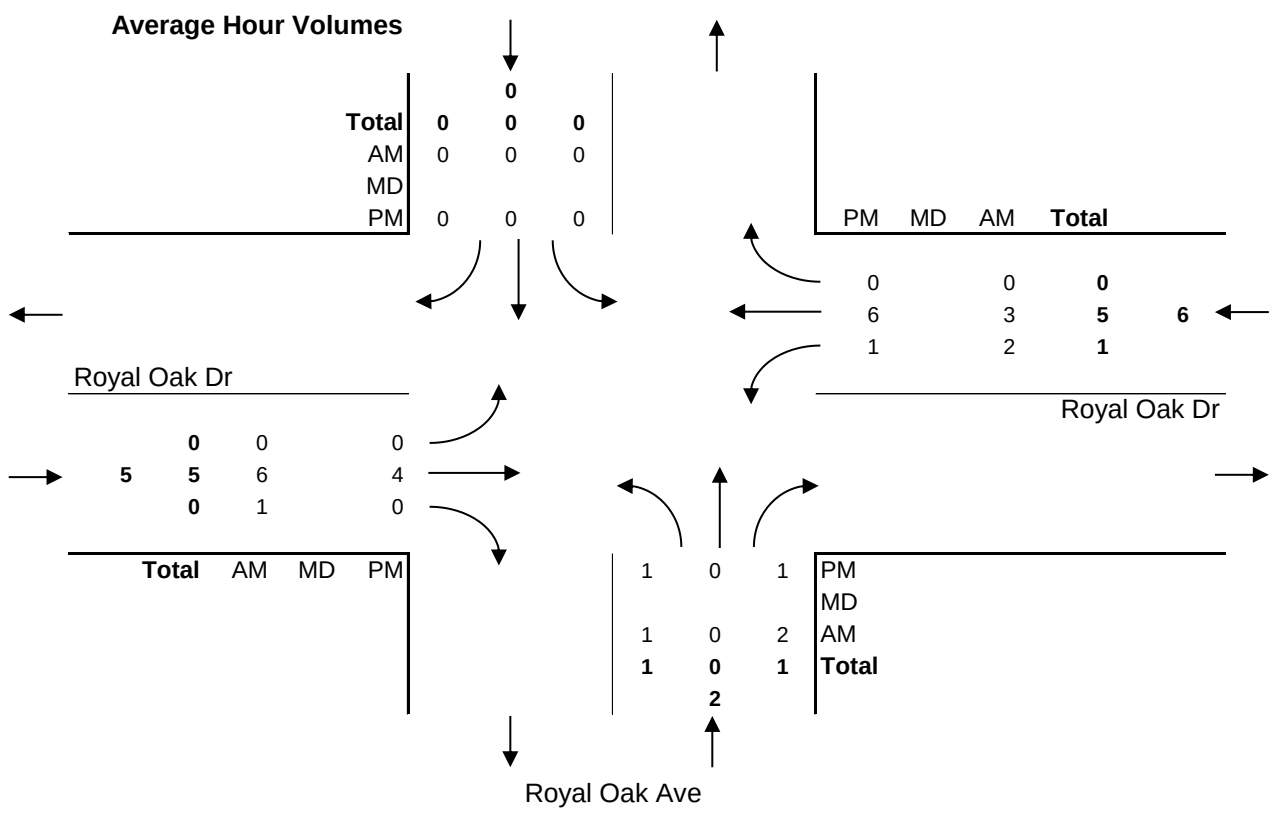
					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				Total				
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Volume	N	S	W	E
Total	0	0	0	**0**	3	0	7	**10**	0	24	2	**26**	7	23	0	**30**	66	0	0	0	0
Avg Hr	0	0	0	**0**	1	0	1	**2**	0	5	0	**5**	1	5	0	**6**	13	0	0	0	0

AM Peak Period
2 Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr								
	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**	1	0	3	**4**	0	11	1	**12**	3	5	0	**8**	24	0	0	0	0
Avg Hr	0	0	0	**0**	1	0	2	**2**	0	6	1	**6**	2	3	0	**4**	12	0	0	0	0

MD Peak Period
Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr								
	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																					

PM Peak Period
3 Hours

					Royal Oak Ave				Royal Oak Dr				Royal Oak Dr								
	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**	2	0	4	**6**	0	13	1	**14**	4	18	0	**22**	42	0	0	0	0
Avg Hr	0	0	0	**0**	1	0	1	**2**	0	4	0	**5**	1	6	0	**7**	14	0	0	0	0