

Royal Oak Drive @ Amblewood Drive

Wednesday, March 04, 2020



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ERING

Major Route: Royal Oak Drive
Minor Route: Amblewood Drive
Municipality: Saanich
Filename: Royal Oak Dr @ Amblewood Dr-Mar 4, 2020.xlsx
Location #: TIN000960
Count ID: 202019
Date: March 4, 2020
Day-of-week: Wednesday

East/West Route: Royal Oak Drive
Intersection Type: 3-leg north 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 @ Amblewood Drive
Wednesday, March 4, 2020

Time Period Begins	Amblewood Dr				SOUTH Approach				Royal Oak Dr				Royal Oak Dr				Total Volume		Ped DL	Crosswalks				
	NORTH 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	4		9	13					3	103		106		134	1	135	254			1		6	0	
7:45	3		9	12					0	125		125		141	0	141	278			0		2	0	
8:00	3		9	12					2	190		192		154	2	156	360	*		2		1	0	
8:15	3		15	18					5	162		167		148	3	151	336	1228	*		1		2	0
8:30	4		5	9					9	180		189		207	5	212	410	1384	+		0		0	0
8:45	0		19	19					10	118		128		208	2	210	357	1463	*		0		0	0
9:00	2		12	14					7	117		124		158	2	160	298	1401			1		0	0
9:15	5		13	18					4	122		126		128	4	132	276	1341			2		3	0
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Total	24		91	115					40	1117		1157		1278	19	1297	2569			7		14	0	

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Total																								

15:30	3		8	11					6	170		176		182	4	186	373		*	5		5	0	
15:45	3		4	7					12	203		215		192	3	195	417		+	3		2	0	
16:00	3		6	9					7	179		186		170	8	178	373		*	6		6	0	
16:15	5		3	8					15	165		180		163	7	170	358	1521	*	1		2	0	
16:30	3		6	9					7	185		192		122	3	125	326	1474		1		1	0	
16:45	1		4	5					11	189		200		168	3	171	376	1433		1		2	0	
17:00	3		6	9					11	181		192		179	2	181	382	1442		3		3	0	
17:15	1		8	9					11	176		187		141	2	143	339	1423		1		5	0	
17:30	5		10	15					11	158		169		124	4	128	312	1409		0		1	0	
17:45	1		3	4					14	129		143		128	1	129	276	1309		2		2	0	
18:00	1		6	7					7	119		126		111	2	113	246	1173		2		1	0	
18:15	1		3	4					9	121		130		103	6	109	243	1077		3		2	0	
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Total	30		67	97					121	1975		2096		1783	45	1828	4021			28		32	0	

Time Period Begins	Amblerwood Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		Ped DL	Crosswalks				Conflict					
	NORTH Approach		SOUTH Approach		WEST Approach		EAST Approach		15-min	Hour	N	S				W	E	15 min	Hr						
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru		Right	Total								
7:30	4		9	13					3	103		106		134	1	135	254			1		6	0	147	
7:45	3		9	12					0	125		125		141	0	141	278			0		2	0	150	
8:00	3		9	12					2	190		192		154	2	156	360		*	2		1	0	199	
8:15	3		15	18					5	162		167		148	3	151	336	1228	*	1		2	0	177	673
8:30	4		5	9					9	180		189		207	5	212	410	1384	+	0		0	0	226	752
8:45	0		19	19					10	118		128		208	2	210	357	1463	*	0		0	0	239	841
9:00	2		12	14					7	117		124		158	2	160	298	1401		1		0	0	179	821
9:15	5		13	18					4	122		126		128	4	132	276	1341		2		3	0	149	793
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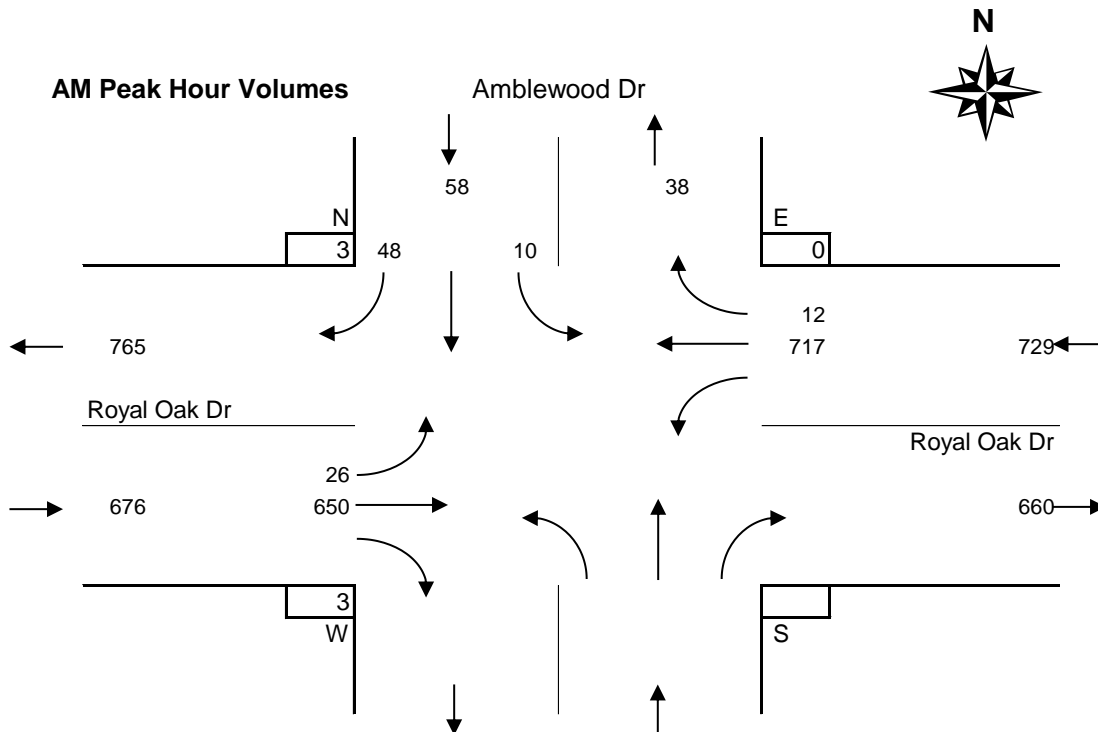
Total	24		91	115					40	1117		1157		1278	19	1297	2569			7		14	0		1428
Avg Hr	12		46	58					20	559		579		639	10	649	1285			4		7	0		

Peak hour of the intersection

Pk Hr	10		48	58					26	650		676		717	12	729	1463	*		3		3	0		803
15x4	16		76	76					40	760		768		832	20	848	1640	+		8		8	0		968
PHF	0.63		0.63	0.76					0.65	0.86		0.88		0.86	0.60	0.86	0.89			0.38		0.38	n/a		0.83

Peak hour of conflicting volumes for the intersection

Pk Hr	10		48	58					26	650		676		717	12	729	1463	*		3		3	0		803
15x4	16		76	76					40	760		768		832	20	848	1640	+		8		8	0		968
PHF	0.63		0.63	0.76					0.65	0.86		0.88		0.86	0.60	0.86	0.89			0.38		0.38	n/a		0.83



Time Period Begins	Amblewood Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		Ped	Crosswalks				Conflict			
	NORTH Approach				SOUTH Approach				WEST Approach							EAST Approach				15 min	Hour	15 min	Hour
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru		Right	Total	N	S	W	E	15 min	Hour
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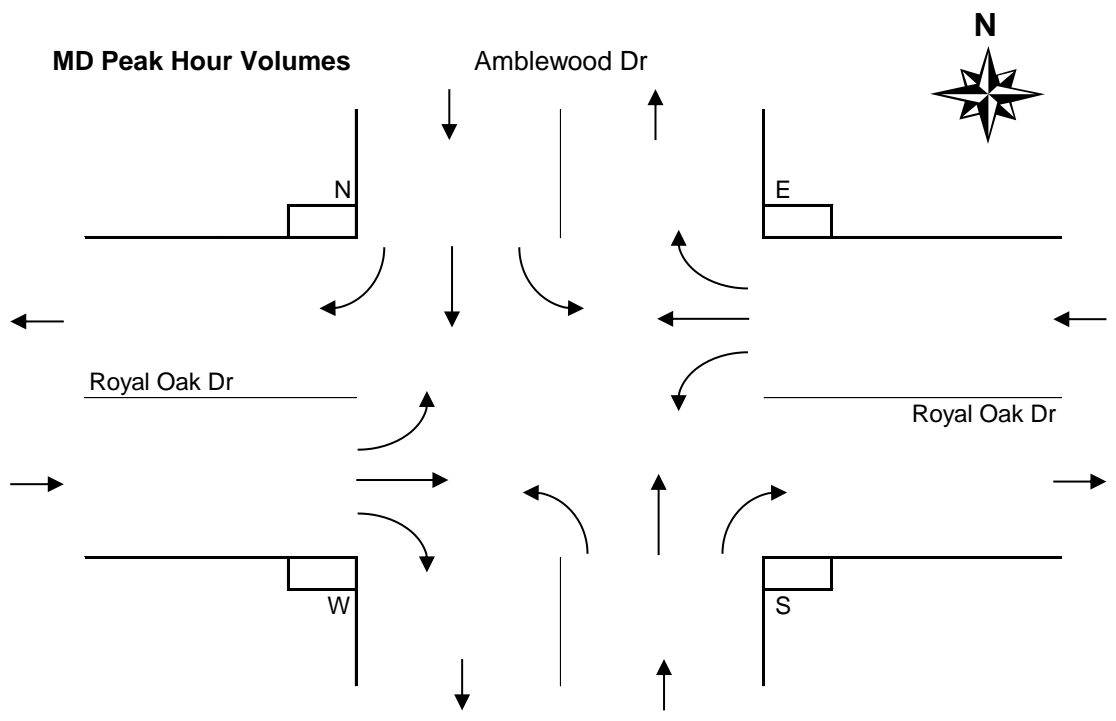
Total																								
Avg Hr																								

Peak hour of the intersection

Pk Hr																								
15x4																								
PHF																								

Peak hour of conflicting volumes for the intersection

Pk Hr																								
15x4																								
PHF																								



Time Period Begins	Amblewood Dr				Royal Oak Dr				Royal Oak Dr				Total Volume	Ped Count	Crosswalks				Conflict					
	NORTH Approach		SOUTH Approach		WEST Approach		EAST Approach		15-min	Hour	N	S			W	E	15 min	Hr						
15:30	3		8	11					6	170		176		182	4	186	373	*	5		5	0	200	
15:45	3		4	7					12	203		215		192	3	195	417	+	3		2	0	211	
16:00	3		6	9					7	179		186		170	8	178	373	*	6		6	0	191	
16:15	5		3	8					15	165		180		163	7	170	358	1521*	1		2	0	190	792
16:30	3		6	9					7	185		192		122	3	125	326	1474	1		1	0	191	783
16:45	1		4	5					11	189		200		168	3	171	376	1433	1		2	0	193	765
17:00	3		6	9					11	181		192		179	2	181	382	1442	3		3	0	198	772
17:15	1		8	9					11	176		187		141	2	143	339	1423	1		5	0	184	766
17:30	5		10	15					11	158		169		124	4	128	312	1409	0		1	0	168	743
17:45	1		3	4					14	129		143		128	1	129	276	1309	2		2	0	146	696
18:00	1		6	7					7	119		126		111	2	113	246	1173	2		1	0	126	624
18:15	1		3	4					9	121		130		103	6	109	243	1077	3		2	0	124	564
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Total	30		67	97					121	1975		2096		1783	45	1828	4021		28		32	0	2042
Avg Hr	10		22	32					40	658		699		594	15	609	1340		9		11	0	

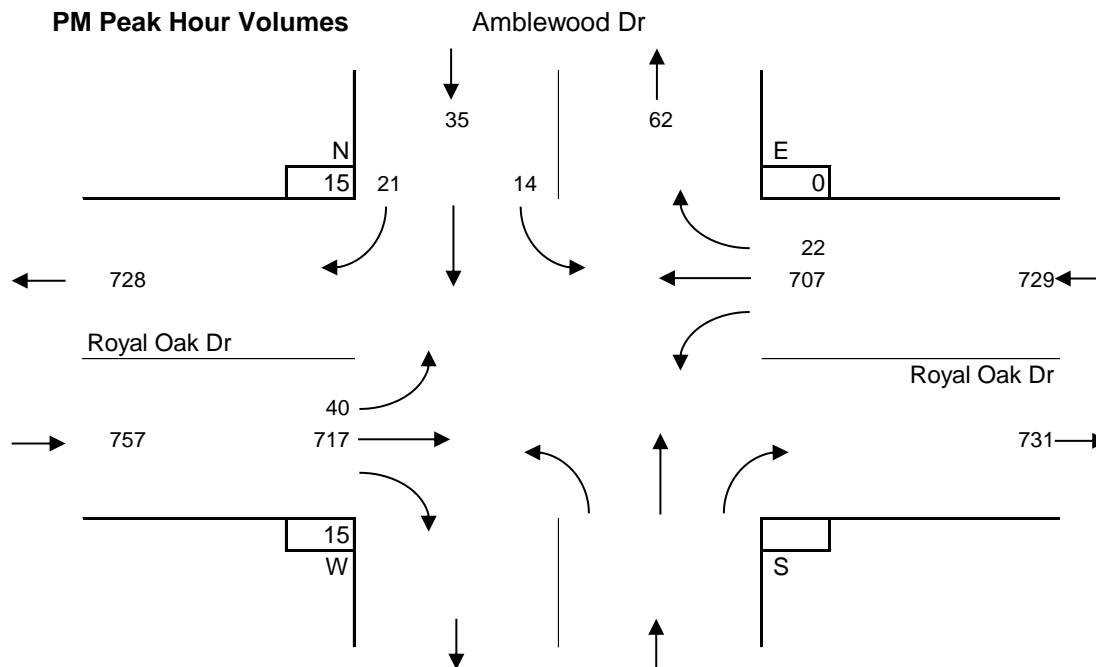
Peak hour of the intersection

Pk Hr	14		21	35					40	717		757		707	22	729	1521*		15		15	0	790
15x4	20		32	44					60	812		860		768	32	780	1668*		24		24	0	892
PHF	0.70		0.66	0.80					0.67	0.88		0.88		0.92	0.69	0.93	0.91		0.63		0.63	n/a	0.89

Peak hour of conflicting volumes for the intersection

Pk Hr	14		21	35					40	717		757		707	22	729	1521*		15		15	0	790
15x4	20		32	44					60	812		860		768	32	780	1668*		24		24	0	892
PHF	0.70		0.66	0.80					0.67	0.88		0.88		0.92	0.69	0.93	0.91		0.63		0.63	n/a	0.89

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



Entire Survey Period

5 Hours

	Ambleswood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume	Crosswalks			
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
	Left	Thru	Right	Total																	
Total	54		158	212					161	3092		3253		3061	64	3125	6590	35		46	0
Avg Hr	11		32	42					32	618		651		612	13	625	1318	7		9	0

AM Peak Period

2 Hours

	Ambleswood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume	Crosswalks			
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
	Left	Thru	Right	Total																	
Totals	24		91	115					40	1117		1157		1278	19	1297	2569	7		14	0
Avg Hr	12		46	58					20	559		579		639	10	649	1285	4		7	0

MD Peak Period

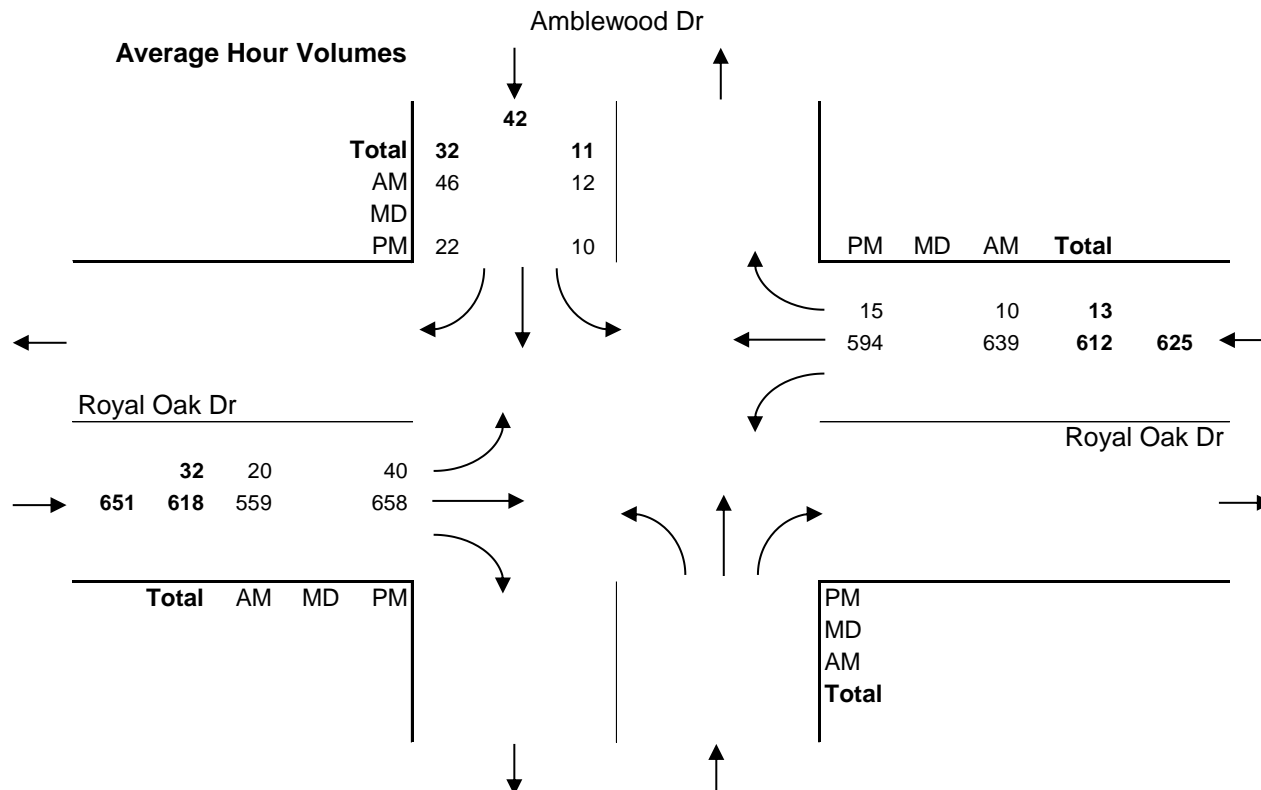
Hours

	Ambleswood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume	Crosswalks			
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
	Left	Thru	Right	Total																	
Totals																					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Ambleswood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume	Crosswalks			
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		N	S	W	E
	Left	Thru	Right	Total																	
Totals	30		67	97					121	1975		2096		1783	45	1828	4021	28		32	0
Avg Hr	10		22	32					40	658		699		594	15	609	1340	9		11	0



Major Route: Royal Oak Drive
Minor Route: Amblewood Drive
Municipality: Saanich
Filename: Royal Oak Dr @ Amblewood Dr-Mar 4, 2020.xlsx
Location #: TIN000960
Count ID: 202019
Date: March 4, 2020
Day-of-week: Wednesday

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 @ Ambleswood Drive
Wednesday, March 4, 2020

Time Period Begins	Ambleswood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume		Peak Period	N	S	W	E
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour					
7:30	0	0	1	1	0	0	0	0	0	1	0	1	0	2	1	3	5		0	0	0	0	
7:45	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2		0	0	0	0	
8:00	1	0	0	1	0	0	0	0	0	7	0	7	0	2	0	2	10		+	0	0	0	0
8:15	0	0	3	3	0	0	0	0	0	0	0	0	0	1	1	2	5	22	*	0	0	0	0
8:30	0	0	2	2	0	0	0	0	0	3	0	3	0	3	0	3	8	25	*	0	0	0	0
8:45	2	0	0	2	0	0	0	0	0	1	0	1	0	2	0	2	5	28	*	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	20		0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	4	19		0	0	0	0
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Total	3	0	6	9	0	0	0	0	0	18	0	18	0	12	2	14	41			0	0	0	0

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n/a																							
Total																							

15:30	0	0	0	0	0	0	0	0	1	4	0	5	0	4	1	5	10			0	0	0	0
15:45	3	0	0	3	0	0	0	0	0	5	0	5	0	1	3	4	12			0	0	0	0
16:00	1	0	0	1	0	0	0	0	0	1	0	1	0	2	0	2	4			0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	27		0	0	0	0
16:30	1	0	0	1	0	0	0	0	2	4	0	6	0	2	0	2	9	26	+	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	3	0	3	0	5	0	5	8	22	*	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	2	0	2	0	5	1	6	8	26	*	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	4	0	4	0	2	3	5	9	34	*	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3	28		0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	3	4	24		0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	1	0	1	0	4	0	4	5	21		0	0	0	0
18:15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	13		0	0	0	0
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Total	5	0	1	6	0	0	0	0	3	25	0	28	0	31	9	40	74			0	0	0	0

Time Period Begins	Ambleswood Dr				Royal Oak Dr				Royal Oak Dr				Total Volume		K P.C. D.L.	Conflict								
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour	N	S	W	E	15 min	Hr
7:30	0	0	1	1	0	0	0	0	0	1	0	1	0	2	1	3	5		0	0	0	0	4	
7:45	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2		0	0	0	0	1	
8:00	1	0	0	1	0	0	0	0	0	7	0	7	0	2	0	2	10	+	0	0	0	0	8	
8:15	0	0	3	3	0	0	0	0	0	0	0	0	0	1	1	2	5	22*	0	0	0	0	5	18
8:30	0	0	2	2	0	0	0	0	0	3	0	3	0	3	0	3	8	25*	0	0	0	0	5	19
8:45	2	0	0	2	0	0	0	0	0	1	0	1	0	2	0	2	5	28*	0	0	0	0	4	22
9:00	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2	20	0	0	0	0	1	15
9:15	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	4	19		0	0	0	0	4	14
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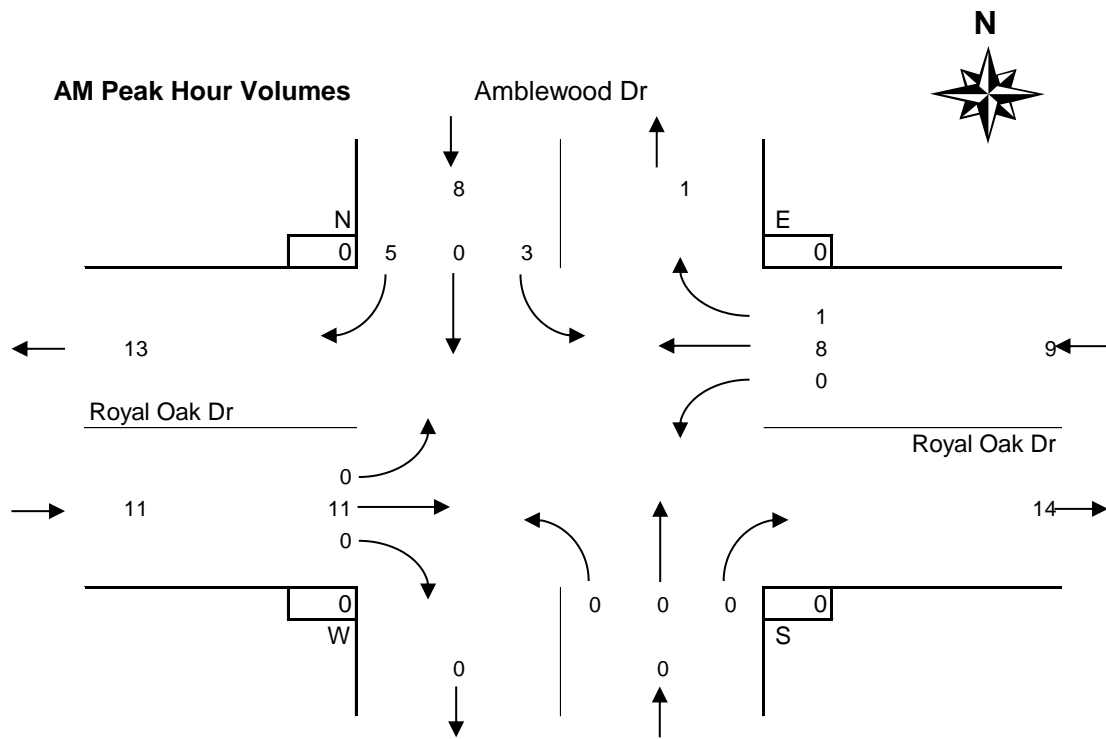
Total	3	0	6	9	0	0	0	0	0	18	0	18	0	12	2	14	41		0	0	0	0		24
Avg Hr	2	0	3	5	0	0	0	0	0	9	0	9	0	6	1	7	21		0	0	0	0		

Peak hour of the intersection

Pk Hr	3	0	5	8	0	0	0	0	0	11	0	11	0	8	1	9	28*		0	0	0	0		16
15x4	8	0	12	12	0	0	0	0	0	28	0	28	0	12	4	12	40*		0	0	0	0		40
PHF	0.38	n/a	0.42	0.67	n/a	n/a	n/a	n/a	n/a	0.39	n/a	0.39	n/a	0.67	0.25	0.75	0.70		n/a	n/a	n/a	n/a		0.40

Peak hour of conflicting volumes for the intersection

Pk Hr	3	0	5	8	0	0	0	0	0	11	0	11	0	8	1	9	28*		0	0	0	0		16
15x4	8	0	12	12	0	0	0	0	0	28	0	28	0	12	4	12	40*		0	0	0	0		40
PHF	0.38	n/a	0.42	0.67	n/a	n/a	n/a	n/a	n/a	0.39	n/a	0.39	n/a	0.67	0.25	0.75	0.70		n/a	n/a	n/a	n/a		0.40



**MD Peak Period
Bikes**

*Royal Oak Drive @ Amblewood Drive
Wednesday, March 4, 2020*

Time Period Begins	Amblewood Dr				SOUTH Approach				WEST Approach				EAST Approach				Total Volume		Pedestrians	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
n/a																								
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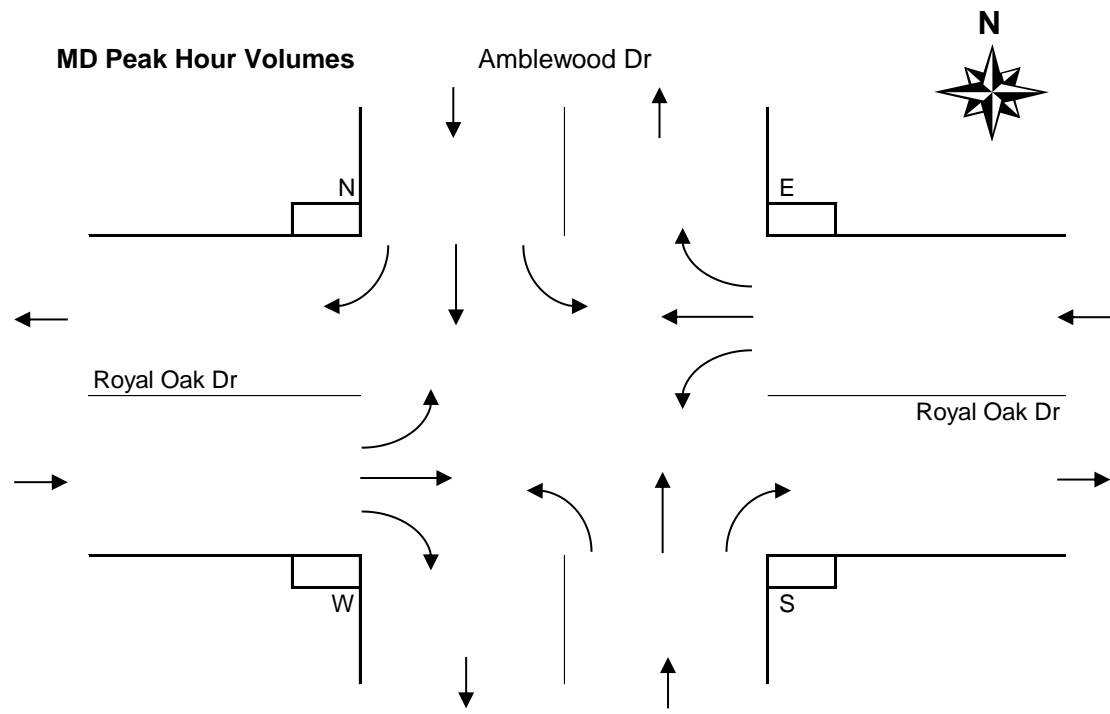
Total																									
Avg Hr																									

Peak hour of the intersection

Pk Hr																										
15x4																										
PHF																										

Peak hour of conflicting volumes for the intersection

Pk Hr																										
15x4																										
PHF																										



Entire Survey Period

5 Hours

	Ambleswood Dr				SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume					
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Volume	N	S	W	E
	Left	Thru	Right	Total																		
Total	8	0	7	15	0	0	0	0	3	43	0	46	0	43	11	54	115	0	0	0	0	
Avg Hr	2	0	1	3	0	0	0	0	1	9	0	9	0	9	2	11	23	0	0	0	0	

AM Peak Period

2 Hours

	Ambleswood Dr				SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume					
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Volume	N	S	W	E
	Left	Thru	Right	Total																		
Totals	3	0	6	9	0	0	0	0	0	18	0	18	0	12	2	14	41	0	0	0	0	
Avg Hr	2	0	3	5	0	0	0	0	0	9	0	9	0	6	1	7	21	0	0	0	0	

MD Peak Period

Hours

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

PM Peak Period

3 Hours

	Ambleswood Dr				SOUTH Approach				Royal Oak Dr WEST Approach				Royal Oak Dr EAST Approach				Total Volume					
	NORTH Approach				Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Volume	N	S	W	E
	Left	Thru	Right	Total																		
Totals	5	0	1	6	0	0	0	0	3	25	0	28	0	31	9	40	74	0	0	0	0	
Avg Hr	2	0	0	2	0	0	0	0	1	8	0	9	0	10	3	13	25	0	0	0	0	

