

Wilkinson Road @ Helmcken Road

Thursday, October 17, 2019



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Major Route: Wilkinson Road
Minor Route: Helmcken Road
Municipality: Saanich
Filename: Wilkinson Rd @ Helmcken Rd-Oct 17, 2019.xlsx
Location #: TIN001343
Count ID: 2019047
Date: October 17, 2019
Day-of-week: Thursday

East/West Route: Helmcken Road
Intersection Type: 4-leg
Signalized?: No
Weather: Rain and wet

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:

Time Period Begins	Wilkinson Rd NORTH Approach				Helmcken Rd SOUTH Approach				Santa Rosa Avenue WEST Approach				Wilkinson Rd EAST Approach				Total Volume		Ped	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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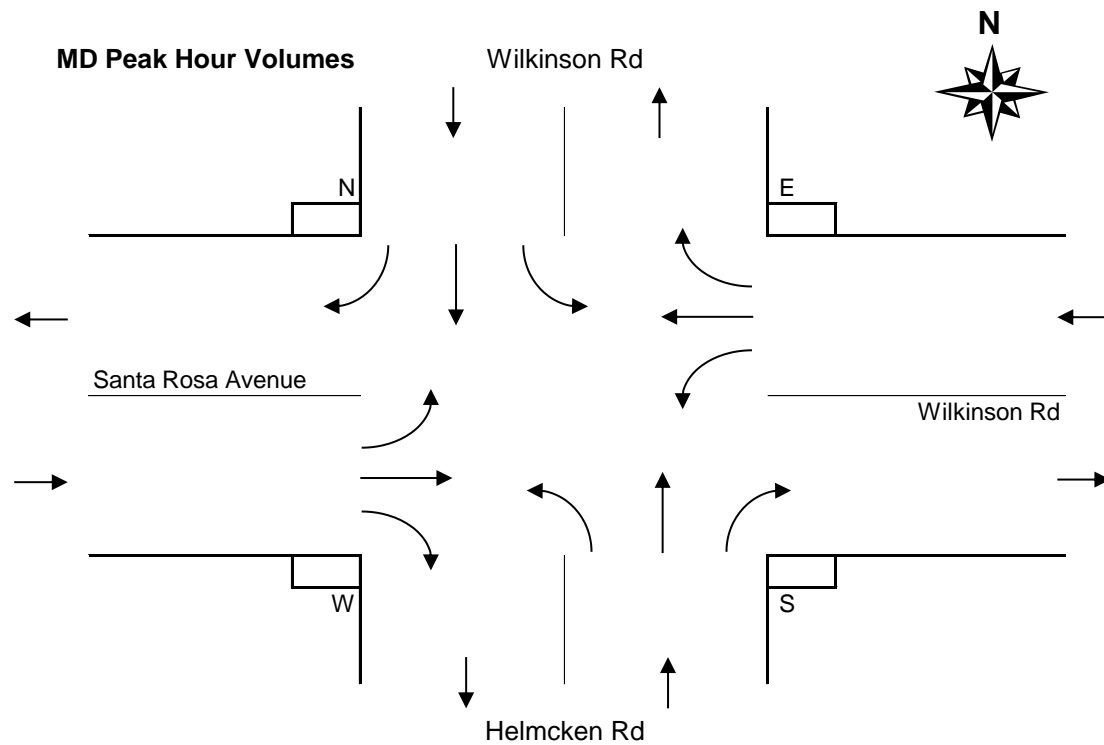
Total																													
Avg Hr																													

Peak hour of the intersection

Pk Hr																													
15x4																													
PHF																													

Peak hour of conflicting volumes for the intersection

Pk Hr																													
15x4																													
PHF																													



Time Period Begins	Wilkinson Rd NORTH Approach				Helmcken Rd SOUTH Approach				Santa Rosa Avenue WEST Approach				Wilkinson Rd 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	7	134	2	143	1	133	0	134	8	1	3	12	4	2	10	16	305			7	3	0	1	160
15:45	9	121	6	136	6	121	2	129	2	4	1	7	0	3	13	16	288		0	0	0	1	151		
16:00	8	97	4	109	0	152	0	152	0	4	2	6	0	3	5	8	275		1	0	0	0	168		
16:15	9	91	4	104	7	138	1	146	6	1	0	7	0	4	9	13	270	1138	4	0	0	0	167	646	
16:30	18	94	3	115	3	118	0	121	3	2	0	5	1	5	11	17	258	1091	0	1	2	2	155	641	
16:45	13	106	3	122	2	124	0	126	2	0	1	3	1	3	13	17	268	1071	1	0	0	3	155	645	
17:00	25	110	3	138	1	112	2	115	4	5	1	10	4	4	12	20	283	1079	1	0	1	1	159	636	
17:15	15	115	1	131	1	100	0	101	2	2	1	5	0	6	12	18	255	1064	0	0	0	0	137	606	
17:30	18	119	3	140	1	143	1	145	2	2	1	5	1	3	12	16	306	1112*	0	1	0	0	179	630	
17:45	18	121	6	145	5	97	0	102	3	0	2	5	1	3	14	18	270	1114*	0	1	0	1	152	627	
18:00	18	147	2	167	0	128	1	129	2	3	3	8	1	1	7	9	313	1144+	2	1	0	2	159	627	
18:15	19	137	5	161	3	97	2	102	2	0	3	5	2	1	12	15	283	1172*	1	0	0	0	160	650	
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Total	177	1392	42	1611	30	1463	9	1502	36	24	18	78	15	38	130	183	3374			17	7	3	11	1853
Avg Hr	59	464	14	537	10	488	3	501	12	8	6	26	5	13	43	61	1125			6	2	1	4	

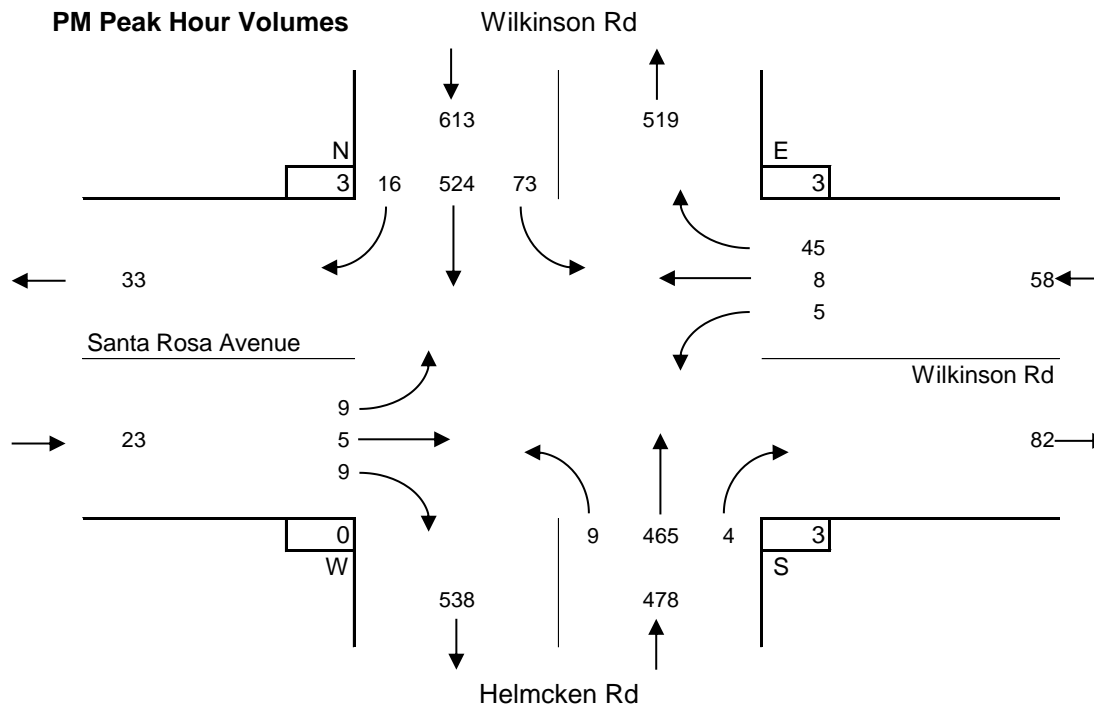
Peak hour of the intersection

Pk Hr	73	524	16	613	9	465	4	478	9	5	9	23	5	8	45	58	1172*			3	3	0	3	611
15x4	76	588	24	668	20	572	8	580	12	12	12	32	8	12	56	72	1252+			8	4	0	8	736
PHF	0.96	0.89	0.67	0.92	0.45	0.81	0.50	0.82	0.75	0.42	0.75	0.72	0.63	0.67	0.80	0.81	0.94			0.38	0.75	n/a	0.38	0.83

Peak hour of conflicting volumes for the intersection

Pk Hr	73	524	16	613	9	465	4	478	9	5	9	23	5	8	45	58	1172*			3	3	0	3	611
15x4	76	588	24	668	20	572	8	580	12	12	12	32	8	12	56	72	1252+			8	4	0	8	736
PHF	0.96	0.89	0.67	0.92	0.45	0.81	0.50	0.82	0.75	0.42	0.75	0.72	0.63	0.67	0.80	0.81	0.94			0.38	0.75	n/a	0.38	0.83

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



Entire Survey Period

5 Hours

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	206	2385	91	2682	41	2362	16	2419	113	74	69	256	26	130	389	545	5902	54	17	6	20
Avg Hr	41	477	18	536	8	472	3	484	23	15	14	51	5	26	78	109	1180	11	3	1	4

AM Peak Period

2 Hours

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	29	993	49	1071	11	899	7	917	77	50	51	178	11	92	259	362	2528	37	10	3	9
Avg Hr	15	497	25	536	6	450	4	459	39	25	26	89	6	46	130	181	1264	19	5	2	5

MD Peak Period

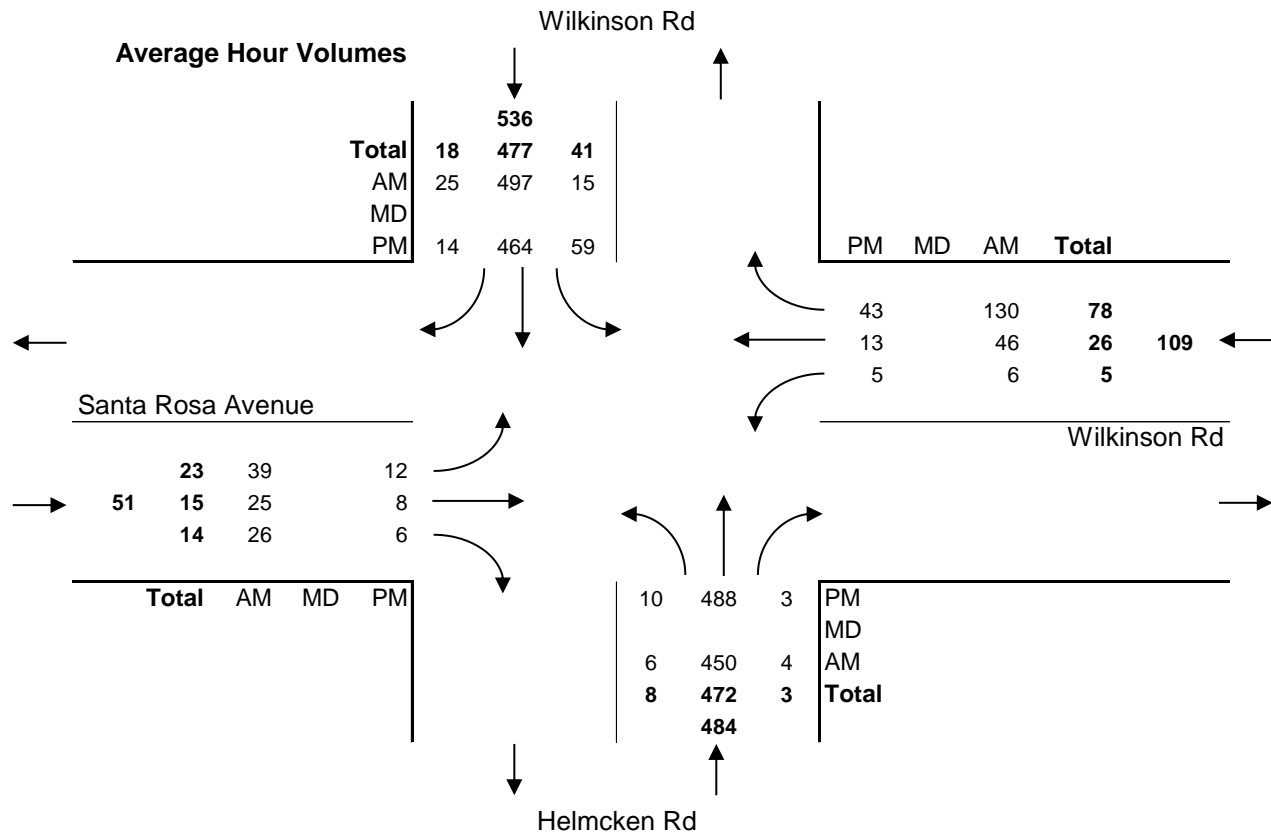
Hours

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	177	1392	42	1611	30	1463	9	1502	36	24	18	78	15	38	130	183	3374	17	7	3	11
Avg Hr	59	464	14	537	10	488	3	501	12	8	6	26	5	13	43	61	1125	6	2	1	4



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 Bikes

This data is for Bikes

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Comments:

Survey Data
Bikes

Wilkinson Road @ Helmcken Road
Thursday, October 17, 2019

Time Period Begins	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				Total Volume		Peak Period				
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E
7:30	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	2	*	0	0	0	0
7:45	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	3	*	0	0	0	0
8:00	0	2	0	2	0	0	0	0	0	1	2	3	0	2	0	2	2	7	+	0	0	0	0
8:15	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	2	14*	0	0	0	0
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	14		0	0	0	0
8:45	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2	13		0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6		0	0	0	0
9:15	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	2	6		0	0	0	0
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Total	0	6	0	6	0	2	0	2	0	3	3	6	1	5	0	6	20		0	0	0	0	

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Total																						

15:30	0	1	0	1	0	1	0	1	0	0	0	0	0	0	2	0	2	4			0	0	0	0
15:45	0	0	0	0	1	1	0	2	0	1	0	1	0	0	0	0	0	3			0	0	0	0
16:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1			0	0	0	0
16:15	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9		0	0	0	0
16:30	0	1	0	1	1	1	0	2	0	1	0	1	0	0	0	0	0	4	9*		0	0	0	0
16:45	0	0	0	0	1	1	0	2	0	2	0	2	0	1	0	1	5	11	+		0	0	0	0
17:00	0	0	0	0	0	1	0	1	0	2	0	2	0	0	0	0	0	3	13*		0	0	0	0
17:15	0	1	0	1	0	1	0	1	0	0	1	1	0	0	0	0	0	3	15*		0	0	0	0
17:30	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	12		0	0	0	0
17:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	8		0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	6		0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		0	0	0	0
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Total	0	4	0	4	4	8	0	12	0	6	2	8	0	3	0	3	27		0	0	0	0		

Time Period Begins	Wilkinson Rd NORTH Approach				Helmcken Rd SOUTH Approach				Santa Rosa Avenue WEST Approach				Wilkinson Rd EAST Approach				Total Volume		Road ID	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
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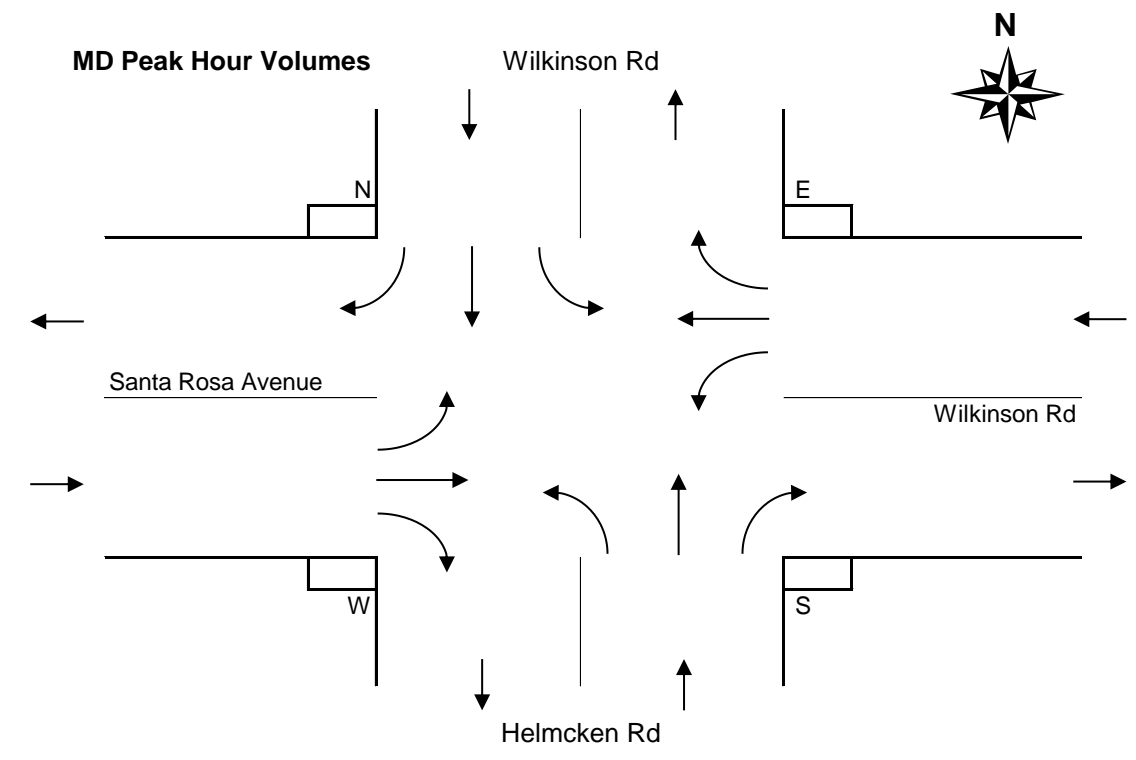
Total																									
Avg Hr																									

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

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	0	10	0	10	4	10	0	14	0	9	5	14	1	8	0	9	47	0	0	0	0
Avg Hr	0	2	0	2	1	2	0	3	0	2	1	3	0	2	0	2	9	0	0	0	0

AM Peak Period

2 Hours

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	0	6	0	6	0	2	0	2	0	3	3	6	1	5	0	6	20	0	0	0	0
Avg Hr	0	3	0	3	0	1	0	1	0	2	2	3	1	3	0	3	10	0	0	0	0

MD Peak Period

Hours

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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

	Wilkinson Rd				Helmcken Rd				Santa Rosa Avenue				Wilkinson Rd				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	0	4	0	4	4	8	0	12	0	6	2	8	0	3	0	3	27	0	0	0	0
Avg Hr	0	1	0	1	1	3	0	4	0	2	1	3	0	1	0	1	9	0	0	0	0

