

Quadra Street @ Reynolds Road

Wednesday, April 03, 2019



The data presented here is for information purposes only and should not be considered authoritative for construction, geotechnical, engineering, navigational, legal, or other site-specific uses. The information shared is owned by the Transportation Division of the Engineering Department at the District of Saanich. Accuracy is not guaranteed.

Major Route: Quadra Street
Minor Route: Reynolds Road
Municipality: Saanich
Filename: Quadra St @ Reynolds Rd-Apr 3, 2019.xlsx
Location #: TIN000812
Count ID: 2019021
Date: April 3, 2019
Day-of-week: Wednesday

East/West Route: Reynolds Road
Intersection Type: 3-leg east approach
Signalized?: Yes
Weather: Overcast 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

Quadra Street @ Reynolds Road
Wednesday, April 3, 2019

Time Period Begins	Quadra St NORTH Approach				Quadra St SOUTH Approach				WEST Approach				Reynolds Rd EAST Approach				Total Volume		Saturated Flow Ratio	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	19	92		111		110	21	131					47		52	99	341			4	8		7	202
7:45	34	117		151		124	34	158					39		55	94	403		1	4		2	247		
8:00	39	117		156		116	48	164					47		69	116	436	*	1	10		2	272		
8:15	47	142		189		140	42	182					58		91	149	520	1700+	2	12		5	320	1041	
8:30	34	127		161		136	23	159					40		62	102	422	1781*	2	5		1	255	1094	
8:45	38	112		150		141	26	167					37		74	111	428	1806*	1	3		0	279	1126	
9:00	25	102		127		90	20	110					24		61	85	322	1692	0	4		4	196	1050	
9:15	32	104		136		113	30	143					42		51	93	372	1544	0	3		4	226	956	
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

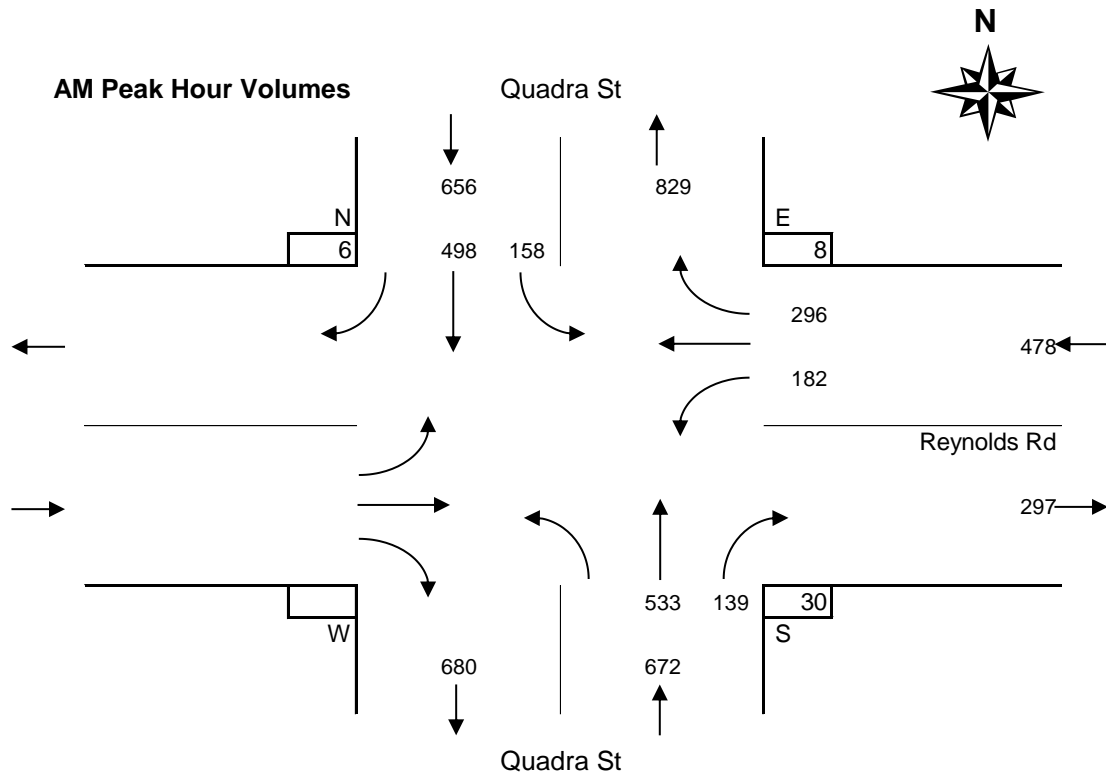
Total	268	913		1181		970	244	1214					334		515	849	3244						11	49	25	1997
Avg Hr	134	457		591		485	122	607					167		258	425	1622						6	25	13	

Peak hour of the intersection

Pk Hr	158	498		656		533	139	672					182		296	478	1806*						6	30	8	1126
15x4	188	568		756		564	192	728					232		364	596	2080*						8	48	20	1308
PHF	0.84	0.88		0.87		0.95	0.72	0.92					0.78		0.81	0.80	0.87						0.75	0.63	0.40	0.86

Peak hour of conflicting volumes for the intersection

Pk Hr	158	498		656		533	139	672					182		296	478	1806*						6	30	8	1126
15x4	188	568		756		564	192	728					232		364	596	2080*						8	48	20	1308
PHF	0.84	0.88		0.87		0.95	0.72	0.92					0.78		0.81	0.80	0.87						0.75	0.63	0.40	0.86



Time Period Begins	Quadra St				Quadra St				WEST Approach				Reynolds Rd				Total Volume		Day of Week	Crosswalks				Conflict					
	NORTH Approach				SOUTH Approach				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																													
n/a																													

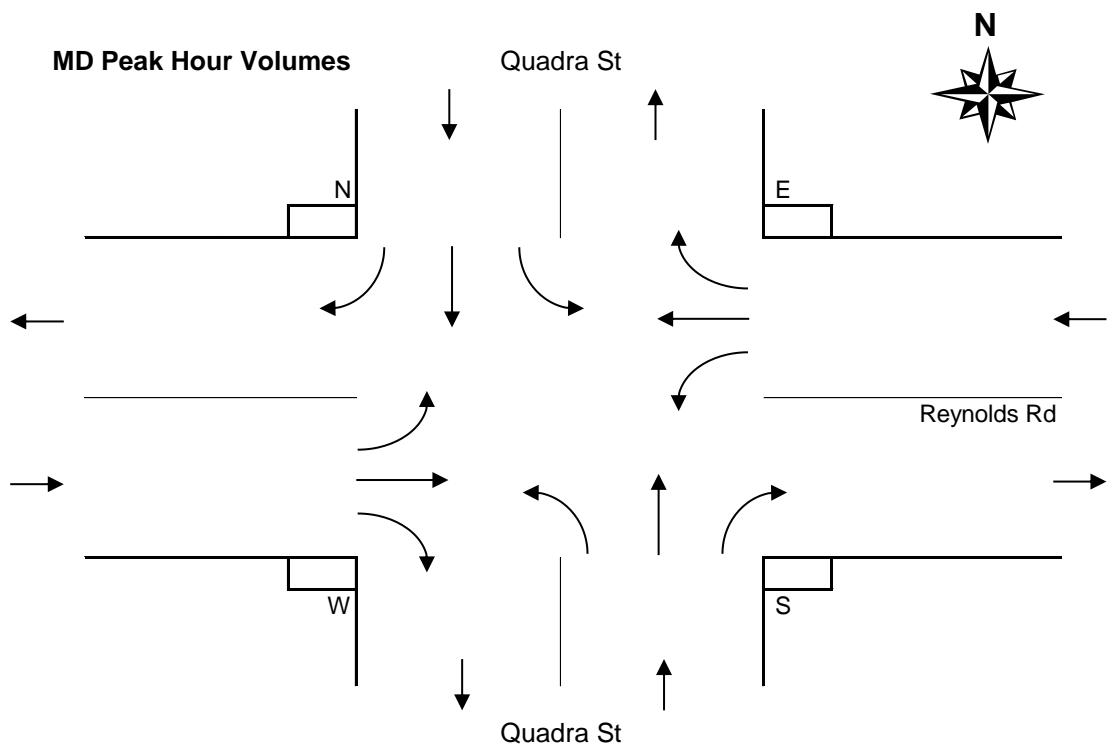
Total																													
Avg Hr																													

Peak hour of the intersection

Pk Hr																													
15x4																													
PHF																													

Peak hour of conflicting volumes for the intersection

Pk Hr																													
15x4																													
PHF																													



PM Peak Period
Vehicles and Peds

Quadra Street @ Reynolds Road
Wednesday, April 3, 2019

Time Period Begins	Quadra St NORTH Approach				Quadra St SOUTH Approach				WEST Approach				Reynolds 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	21	116		137	156	51	207					64		102	166	510				3	16		7	330
15:45	34	118		152	165	39	204					54		96	150	506			4	5		8	334		
16:00	29	118		147	161	42	203					65		81	146	496			2	4		11	313		
16:15	31	99		130	222	29	251					41		82	123	504	2016		5	5		4	364	1341	
16:30	25	127		152	164	51	215					58		103	161	528	2034	+	1	10		10	343	1354	
16:45	26	106		132	196	52	248					73		72	145	525	2053	*	1	13		8	347	1367	
17:00	24	118		142	186	32	218					64		72	136	496	2053	*	6	5		6	314	1368	
17:15	30	118		148	200	47	247					45		81	126	521	2070	*	4	5		11	358	1362	
17:30	26	100		126	157	37	194					36		73	109	429	1971		2	3		5	293	1312	
17:45	24	98		122	127	21	148					40		58	98	368	1814		2	9		7	230	1195	
18:00	12	86		98	119	30	149					40		67	107	354	1672		3	2		6	228	1109	
18:15	12	69		81	115	19	134					29		46	75	290	1441		1	0		4	192	943	
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

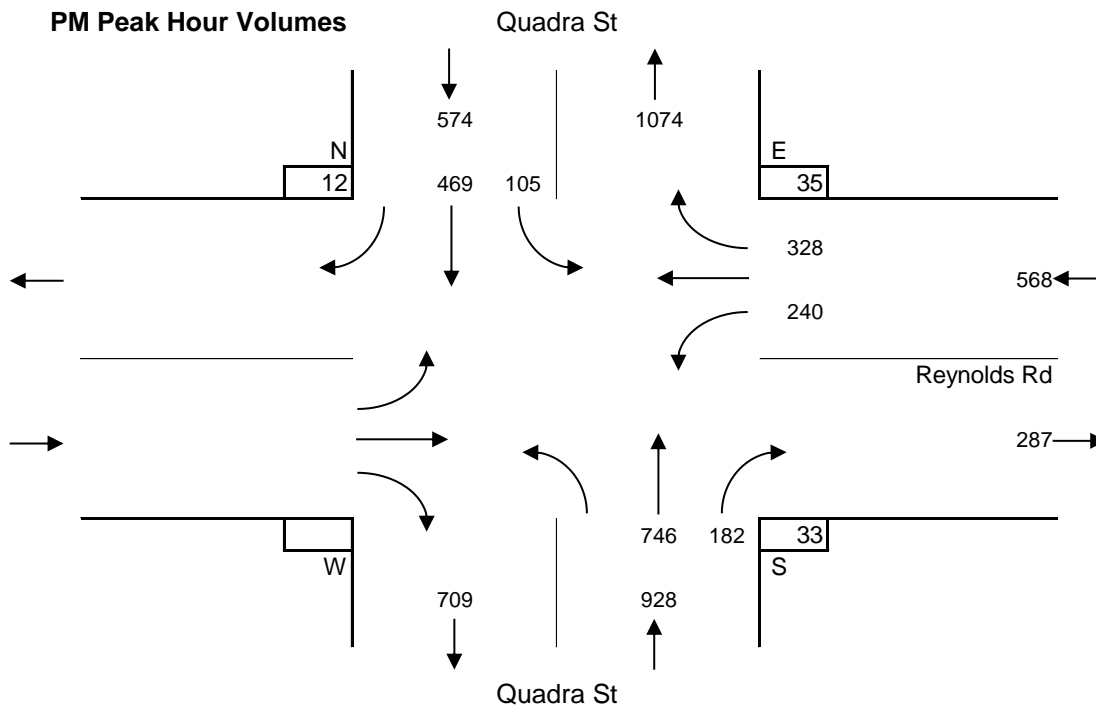
Total	294	1273		1567	1968	450	2418					609	933	1542	5527			34	77		87		3645
Avg Hr	98	424		522	656	150	806					203	311	514	1842			11	26		29		

Peak hour of the intersection

Pk Hr	105	469		574	746	182	928					240	328	568	2070	*		12	33		35		1361
15x4	120	508		608	800	208	992					292	412	644	2112	+		24	52		44		1540
PHF	0.88	0.92		0.94	0.93	0.88	0.94					0.82	0.80	0.88	0.98			0.50	0.63		0.80		0.88

Peak hour of conflicting volumes for the intersection

Pk Hr	106	450		556	768	164	932					236	329	565	2053	*		13	33		28		1367
15x4	124	508		608	888	208	1004					292	412	644	2112	+		24	52		40		1632
PHF	0.85	0.89		0.91	0.86	0.79	0.93					0.81	0.80	0.88	0.97			0.54	0.63		0.70		0.84



Entire Survey Period

5 Hours

	Quadra St				Quadra St				Reynolds 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	562	2186		2748		2938	694	3632					943		1448	2391	8771	45	126		112
Avg Hr	112	437		550		588	139	726					189		290	478	1754	9	25		22

AM Peak Period

2 Hours

	Quadra St				Quadra St				Reynolds 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	268	913		1181		970	244	1214					334		515	849	3244	11	49		25
Avg Hr	134	457		591		485	122	607					167		258	425	1622	6	25		13

MD Peak Period

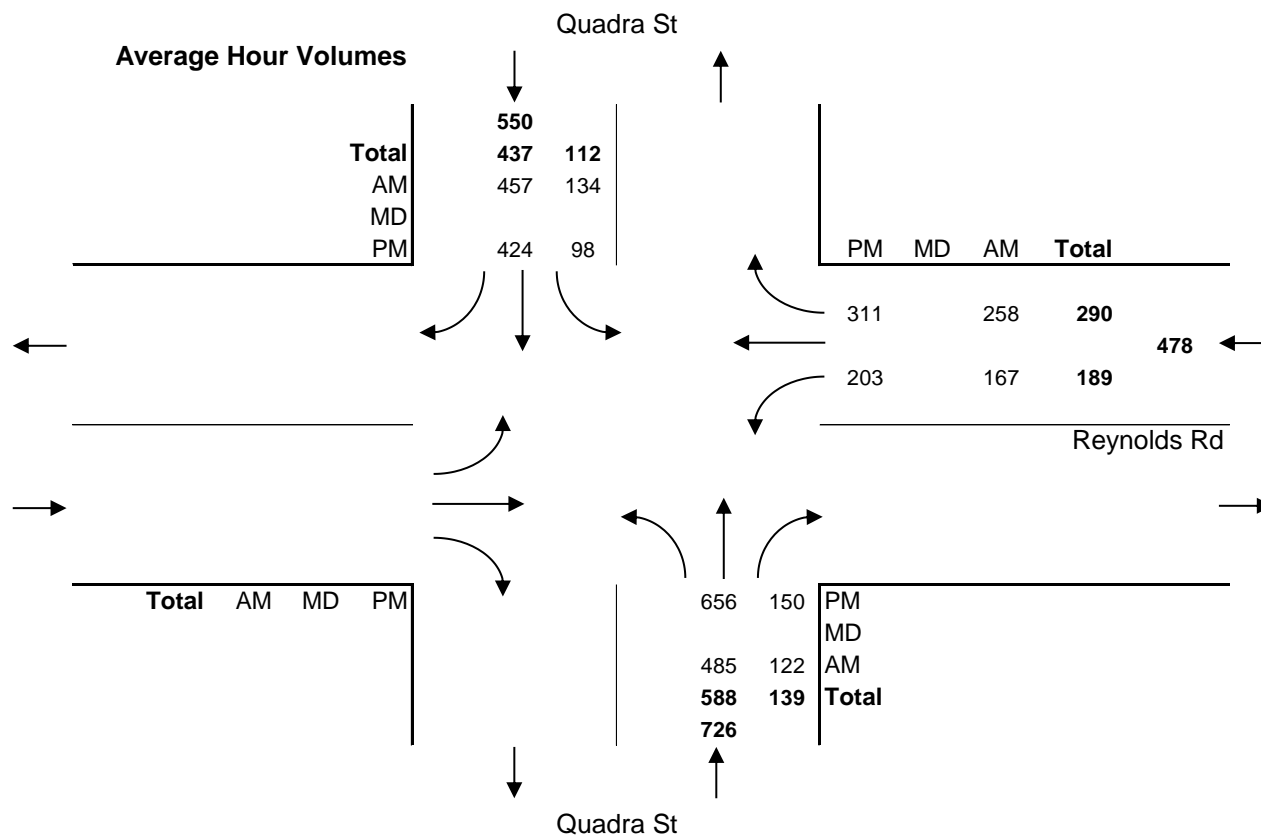
Hours

	Quadra St				Quadra St				Reynolds 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

	Quadra St				Quadra St				Reynolds 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	294	1273		1567		1968	450	2418					609		933	1542	5527	34	77		87
Avg Hr	98	424		522		656	150	806					203		311	514	1842	11	26		29



Major Route: Quadra Street
Minor Route: Reynolds Road
Municipality: Saanich
Filename: Quadra St @ Reynolds Rd-Apr 3, 2019.xlsx
Location #: TIN000812
Count ID: 2019021
Date: April 3, 2019
Day-of-week: Wednesday

East/West Route: Reynolds Road
Intersection Type: 4-leg
Signalized?: Yes
Weather: Overcast 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:

Time Period Begins	Quadra St NORTH Approach				Quadra St SOUTH Approach				WEST Approach				Reynolds Rd EAST Approach				Total Volume		Day of Week	Direction			
	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	1	2	0	3	0	0	0	0	0	0	0	0	0	0	2	2	5	*	0	0	0	0	
7:45	0	2	0	2	0	1	0	1	0	0	0	0	0	0	4	4	7	*	0	0	0	0	
8:00	0	0	0	0	0	1	2	3	0	0	0	0	2	0	4	6	9	+	0	0	0	0	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	23	*	0	0	0	0	
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	19		0	0	0	0	
8:45	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	14		0	0	0	0	
9:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	6		0	0	0	0	
9:15	1	0	0	1	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																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
n/a																							
Total	3	5	0	8	0	4	2	6	0	0	0	0	2	1	11	14	28		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																						
Total																						

15:30	0	3	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4	*	0	0	0	0
15:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	*	0	0	0	0
16:00	0	1	0	1	0	0	1	1	0	0	0	0	1	0	2	3	5	*	0	0	0	0
16:15	0	2	0	2	0	2	0	2	0	0	0	0	0	0	4	4	8	19	+	0	0	0
16:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	1	1	4	19		0	0	0
16:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	19		0	0	0
17:00	1	0	0	1	0	1	0	1	0	0	0	0	0	0	1	1	3	17		0	0	0
17:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	11		0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	3	10		0	0	0
17:45	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	3	11		0	0	0
18:00	2	1	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4	12		0	0	0
18:15	0	1	0	1	1	4	1	6	0	0	0	0	0	0	1	1	8	18		0	0	0
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
n/a																						
Total	3	12	0	15	1	12	3	16	0	0	0	0	4	0	13	17	48		0	0	0	0

Time Period Begins	Quadra St NORTH Approach				Quadra St SOUTH Approach				WEST Approach				Reynolds Rd EAST Approach				Total Volume		Saturated Flow Ratio	Conflict				
	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	1	2	0	3	0	0	0	0	0	0	0	0	0	0	2	2	5		*	0	0	0	0
7:45	0	2	0	2	0	1	0	1	0	0	0	0	0	0	4	4	7	*	0	0	0	0	6	
8:00	0	0	0	0	0	1	2	3	0	0	0	0	2	0	4	6	9	+	0	0	0	0	7	
8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	23	*	0	0	0	0	2
8:30	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	19		0	0	0	0	1
8:45	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	14		0	0	0	0	2
9:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	6		0	0	0	0	1
9:15	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5		0	0	0	0	1
n/a																								
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	3	5	0	8	0	4	2	6	0	0	0	0	2	1	11	14	28						21
Avg Hr	2	3	0	4	0	2	1	3	0	0	0	0	1	1	6	7	14						

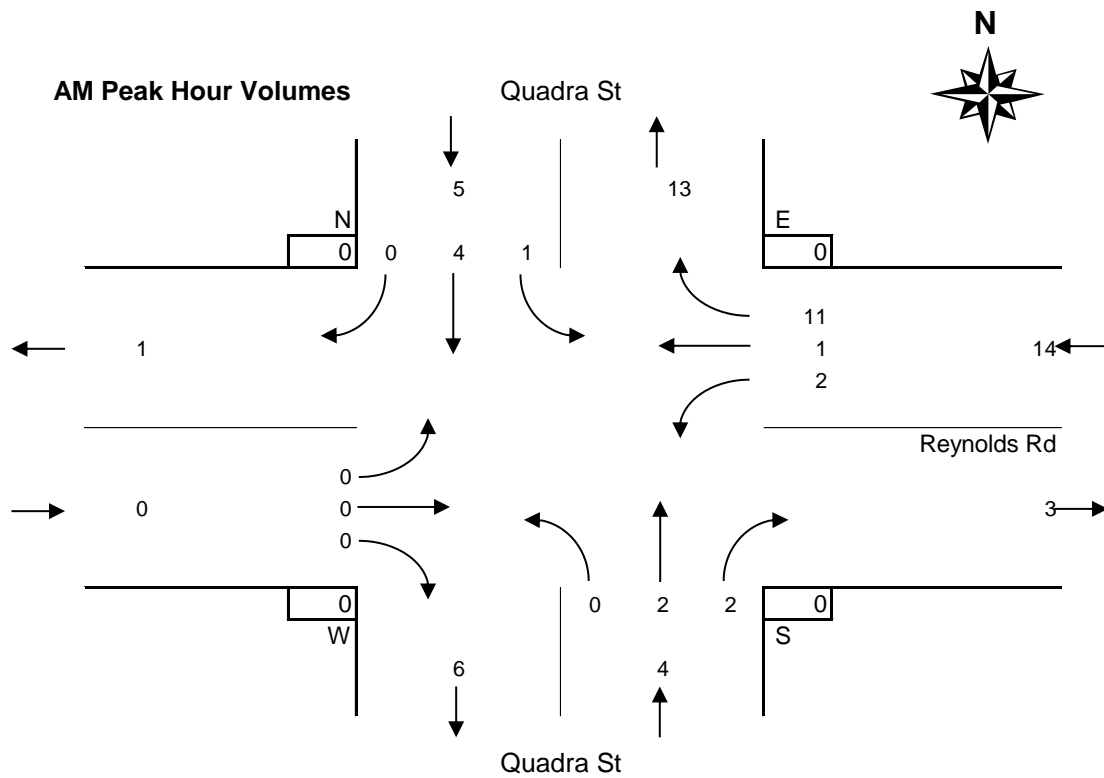
Peak hour of the intersection

Pk Hr	1	4	0	5	0	2	2	4	0	0	0	0	2	1	11	14	23*						17
15x4	4	8	0	12	0	4	8	12	0	0	0	0	8	4	16	24	36+						36
PHF	0.25	0.50	n/a	0.42	n/a	0.50	0.25	0.33	n/a	n/a	n/a	n/a	0.25	0.25	0.69	0.58	0.64						0.47

Peak hour of conflicting volumes for the intersection

Pk Hr	1	4	0	5	0	2	2	4	0	0	0	0	2	1	11	14	23*						17
15x4	4	8	0	12	0	4	8	12	0	0	0	0	8	4	16	24	36+						36
PHF	0.25	0.50	n/a	0.42	n/a	0.50	0.25	0.33	n/a	n/a	n/a	n/a	0.25	0.25	0.69	0.58	0.64						0.47

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



Time Period Begins	Quadra St				Quadra St				WEST Approach				Reynolds Rd				Total Volume		Day of Week	Conflict					
	NORTH Approach				SOUTH Approach				WEST Approach				EAST Approach				15-min	Hour		N	S	W	E	15 min	Hour
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total	15-min	Hour							
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									
n/a																									

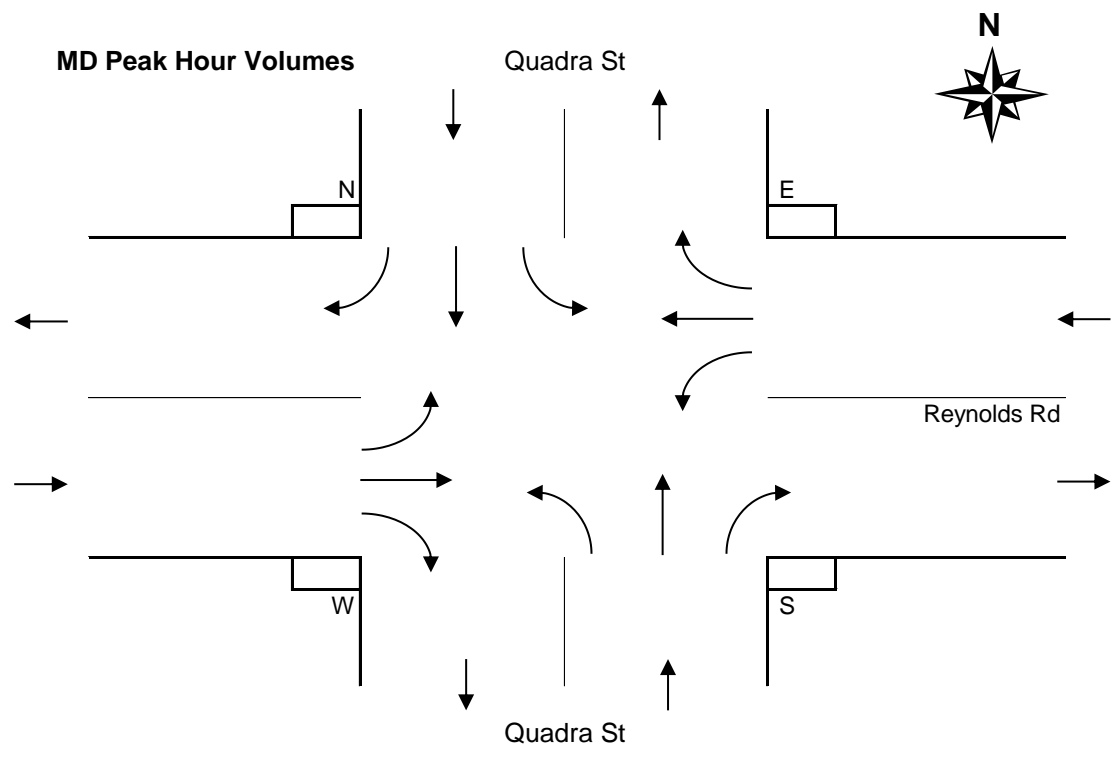
Total																											
Avg Hr																											

Peak hour of the intersection

Pk Hr																											
15x4																											
PHF																											

Peak hour of conflicting volumes for the intersection

Pk Hr																											
15x4																											
PHF																											



Time Period Begins	Quadra St NORTH Approach				Quadra St SOUTH Approach				WEST Approach				Reynolds Rd EAST Approach				Total Volume		Ped	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
15:30	0	3	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4	*	0	0	0	0	4	
15:45	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2	*	0	0	0	0	2	
16:00	0	1	0	1	0	0	1	1	0	0	0	0	1	0	2	3	5	*	0	0	0	0	3	
16:15	0	2	0	2	0	2	0	2	0	0	0	0	0	0	4	4	8	19+	0	0	0	0	6	15
16:30	0	1	0	1	0	2	0	2	0	0	0	0	0	0	1	1	4	19	0	0	0	0	3	14
16:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	19	0	0	0	0	2	14
17:00	1	0	0	1	0	1	0	1	0	0	0	0	0	0	1	1	3	17	0	0	0	0	3	14
17:15	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2	11	0	0	0	0	1	9
17:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	3	10	0	0	0	0	2	8
17:45	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	2	3	11	0	0	0	0	2	8
18:00	2	1	0	3	0	1	0	1	0	0	0	0	0	0	0	0	4	12	0	0	0	0	3	8
18:15	0	1	0	1	1	4	1	6	0	0	0	0	0	0	1	1	8	18	0	0	0	0	6	13
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								
n/a																								

Total	3	12	0	15	1	12	3	16	0	0	0	0	4	0	13	17	48						31
Avg Hr	1	4	0	5	0	4	1	5	0	0	0	0	1	0	4	6	16						

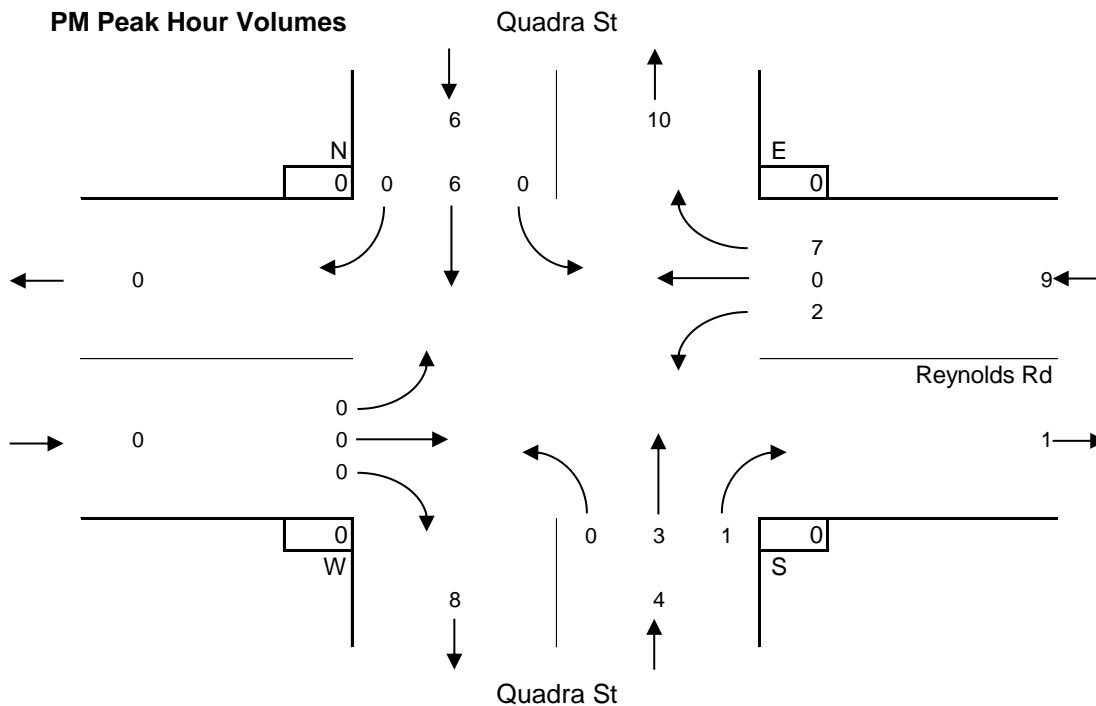
Peak hour of the intersection

Pk Hr	0	6	0	6	0	3	1	4	0	0	0	0	2	0	7	9	19*						13
15x4	0	12	0	12	0	8	4	8	0	0	0	0	4	0	16	16	32+						28
PHF	n/a	0.50	n/a	0.50	n/a	0.38	0.25	0.50	n/a	n/a	n/a	n/a	0.50	n/a	0.44	0.56	0.59		n/a	n/a	n/a	n/a	0.46

Peak hour of conflicting volumes for the intersection

Pk Hr	0	6	0	6	0	3	1	4	0	0	0	0	2	0	7	9	19*						13
15x4	0	12	0	12	0	8	4	8	0	0	0	0	4	0	16	16	32+						28
PHF	n/a	0.50	n/a	0.50	n/a	0.38	0.25	0.50	n/a	n/a	n/a	n/a	0.50	n/a	0.44	0.56	0.59		n/a	n/a	n/a	n/a	0.46

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



Entire Survey Period

5 Hours

	Quadra St				Quadra St				Reynolds Rd				Total Volume								
	NORTH Approach				SOUTH Approach				WEST Approach					EAST Approach							
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Left	Thru	Right	Total	N	S	W	E
Total	6	17	0	23	1	16	5	22	0	0	0	0	6	1	24	31	76	0	0	0	0
Avg Hr	1	3	0	5	0	3	1	4	0	0	0	0	1	0	5	6	15	0	0	0	0

AM Peak Period

2 Hours

	Quadra St				Quadra St				Reynolds Rd				Total Volume								
	NORTH Approach				SOUTH Approach				WEST Approach					EAST Approach							
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Left	Thru	Right	Total	N	S	W	E
Totals	3	5	0	8	0	4	2	6	0	0	0	0	2	1	11	14	28	0	0	0	0
Avg Hr	2	3	0	4	0	2	1	3	0	0	0	0	1	1	6	7	14	0	0	0	0

MD Peak Period

Hours

	Quadra St				Quadra St				Reynolds Rd				Total Volume								
	NORTH Approach				SOUTH Approach				WEST Approach					EAST Approach							
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Left	Thru	Right	Total	N	S	W	E
Totals																					
Total																					
Avg Hr																					

PM Peak Period

3 Hours

	Quadra St				Quadra St				Reynolds Rd				Total Volume								
	NORTH Approach				SOUTH Approach				WEST Approach					EAST Approach							
	Left	Thru	Right	Total	Left	Thru	Right	Total	Left	Thru	Right	Total		Left	Thru	Right	Total	N	S	W	E
Totals	3	12	0	15	1	12	3	16	0	0	0	0	4	0	13	17	48	0	0	0	0
Avg Hr	1	4	0	5	0	4	1	5	0	0	0	0	1	0	4	6	16	0	0	0	0

