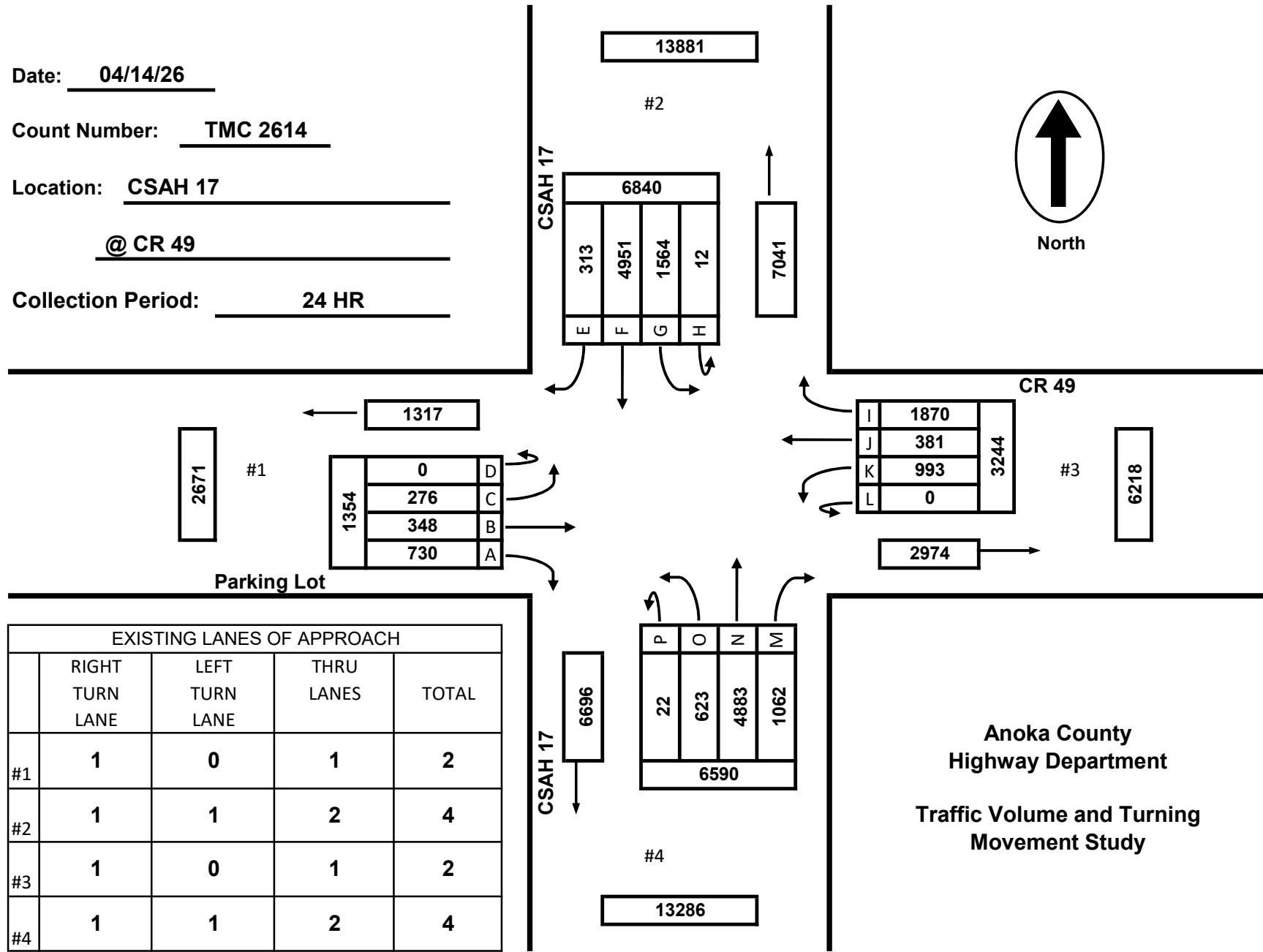
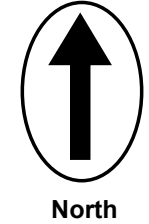


Date: 04/14/26

Count Number: TMC 2614

Location: CSAH 17  
@ CR 49

Collection Period: 24 HR



13881

#2

CSAH 17

6840			
313	4951	1564	12
E	F	G	H

7041

CR 49

I	1870	3244
J	381	
K	993	
L	0	

#3

6218

2974

2671

#1

1317

1354	0	D
	276	C
	348	B
	730	A

Parking Lot

P	O	N	M
22	623	4883	1062
6590			

#4

13286

CSAH 17

6696

EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	1	2	4
#3	1	0	1	2
#4	1	1	2	4

Anoka County  
 Highway Department  
 Traffic Volume and Turning  
 Movement Study

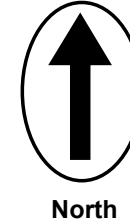
Date: 04/14/26

Count Number: TMC 2614

Location: CSAH 17  
@ CR 49

Collection Period: 24 HR

Peak Hour: 7:15 AM - 8:15 AM



North

854

#2

CSAH 17

477			
3	345	129	0
E	F	G	H

377

CR 49

I	166	278
J	7	
K	105	
L	0	

#3

557

279

30

#1

12	0	D
	4	C
	1	B
	7	A

Parking Lot

461

CSAH 17

P	O	N	M
4	8	207	149
368			

#4

829

EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	1	2	4
#3	1	0	1	2
#4	1	1	2	4

Anoka County  
 Highway Department  
 Traffic Volume and Turning  
 Movement Study

Date: 04/14/26

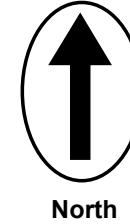
Count Number: TMC 2614

Location: CSAH 17

@ CR 49

Collection Period: 24 HR

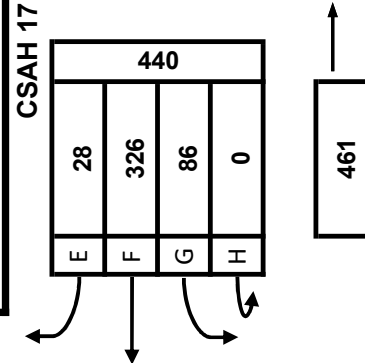
Peak Hour: 11:45 AM - 12:45 PM



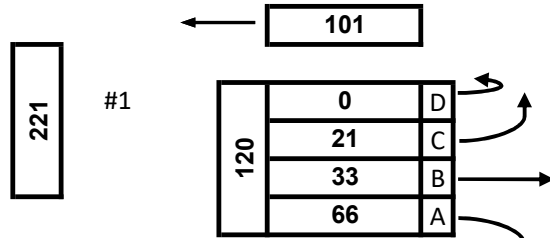
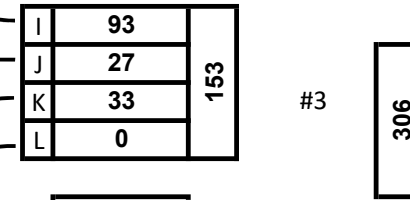
North

901

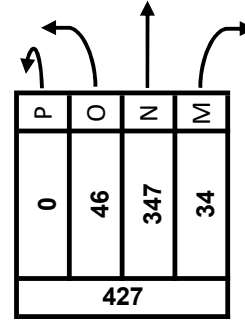
#2



CR 49



153



425

CSAH 17

Anoka County  
Highway Department

Traffic Volume and Turning  
Movement Study

EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	1	2	4
#3	1	0	1	2
#4	1	1	2	4

Date: 04/14/26

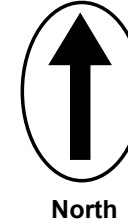
Count Number: TMC 2614

Location: CSAH 17

@ CR 49

Collection Period: 24 HR

Peak Hour: 3:30 PM - 4:30 PM



North

1349

#2

CSAH 17

626			
39	410	177	0
E	F	G	H

723

CR 49

I	168	285
J	29	
K	88	
L	0	

#3

633

348

305

#1

166	0	D
	35	C
	45	B
	86	A

Parking Lot

P	O	N	M
2	71	520	126
719			

#4

1305

CSAH 17

586

EXISTING LANES OF APPROACH				
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	TOTAL
#1	1	0	1	2
#2	1	1	2	4
#3	1	0	1	2
#4	1	1	2	4

Anoka County  
Highway Department  
Traffic Volume and Turning  
Movement Study

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026

Time	Southbound CSAH 17						Westbound CR 49						Northbound CSAH 17						Eastbound Parking Lot						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
12:00 AM	0	3	4	0	0	7	0	0	1	0	0	1	0	0	3	0	0	3	0	0	0	1	0	1	0	0	0	0	0	0	12
12:15 AM	0	1	2	0	0	3	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6
12:30 AM	0	2	1	0	0	3	0	0	2	0	0	2	0	0	2	1	0	3	0	0	1	1	0	2	0	0	1	0	0	2	10
12:45 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	5	
Hourly Total	0	6	9	0	0	15	0	1	3	0	0	4	0	0	9	1	0	10	0	0	2	2	0	4	0	0	2	2	0	33	
1:00 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	0	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	8	
1:15 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	5	
1:30 AM	0	0	1	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	
1:45 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	6	
Hourly Total	0	2	8	0	0	10	0	0	0	1	0	1	0	1	5	5	0	11	0	0	0	0	0	0	0	0	0	0	0	22	
2:00 AM	0	1	1	0	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
2:15 AM	0	1	3	0	0	4	0	0	0	1	0	1	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	8	
2:30 AM	0	1	1	0	0	2	0	0	0	1	0	1	0	1	1	1	0	3	0	0	0	0	0	0	0	0	0	0	0	6	
2:45 AM	0	0	3	0	0	3	0	0	0	1	0	1	0	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	9	
Hourly Total	0	3	8	0	0	11	0	0	0	4	0	4	0	1	7	3	0	11	0	0	0	0	0	0	0	0	0	0	0	26	
3:00 AM	0	1	1	0	0	2	0	0	0	1	0	1	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	6	
3:15 AM	0	0	2	0	0	2	0	0	0	2	0	2	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7	
3:30 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	
3:45 AM	0	1	2	0	0	3	0	1	0	0	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	7	
Hourly Total	0	2	8	0	0	10	0	1	0	3	0	4	0	1	9	1	0	11	0	0	0	0	0	0	0	0	0	0	0	25	
4:00 AM	0	0	3	0	0	3	0	1	0	2	0	3	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	12	
4:15 AM	0	0	3	0	0	3	0	0	0	3	0	3	0	0	4	1	0	5	0	0	0	0	0	0	0	0	0	0	0	11	
4:30 AM	0	0	11	1	0	12	0	0	0	3	0	3	0	2	6	0	0	8	0	0	0	0	0	0	0	0	0	0	0	23	
4:45 AM	0	1	7	1	0	9	0	6	1	3	0	10	0	0	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0	29	
Hourly Total	0	1	24	2	0	27	0	7	1	11	0	19	0	2	26	1	0	29	0	0	0	0	0	0	0	0	0	0	0	75	
5:00 AM	0	0	15	0	0	15	0	1	0	8	0	9	0	0	8	1	0	9	0	2	0	1	0	3	0	0	0	0	0	36	
5:15 AM	0	1	15	1	0	17	0	0	1	11	0	12	0	0	17	0	0	17	0	0	0	1	0	1	0	0	0	0	0	47	
5:30 AM	0	2	15	1	0	18	0	4	2	13	0	19	0	0	14	1	0	15	0	0	0	0	0	0	0	0	0	0	0	52	
5:45 AM	0	7	22	1	0	30	0	10	1	15	0	26	0	1	21	3	0	25	0	0	1	0	0	1	0	0	0	0	0	82	
Hourly Total	0	10	67	3	0	80	0	15	4	47	0	66	0	1	60	5	0	66	0	2	1	2	0	5	0	0	1	2	0	217	
6:00 AM	0	5	30	0	0	35	0	3	0	15	0	18	1	0	32	2	0	35	0	1	0	0	0	1	0	0	0	0	0	89	
6:15 AM	0	5	46	2	0	53	0	6	1	16	0	23	0	1	18	4	0	23	0	0	0	2	0	2	0	0	0	0	0	101	
6:30 AM	0	8	43	1	0	52	0	14	1	27	0	42	0	2	29	5	0	36	0	1	0	0	0	1	0	0	0	0	0	131	
6:45 AM	0	12	52	4	0	68	0	12	2	30	0	44	0	2	36	7	0	45	0	1	0	3	0	4	0	0	0	0	0	161	
Hourly Total	0	30	171	7	0	208	0	35	4	88	0	127	1	5	115	18	0	139	0	3	0	5	0	8	0	0	0	0	0	482	
7:00 AM	0	22	67	0	0	89	0	15	2	25	0	42	0	0	30	14	0	44	0	0	0	2	0	2	0	0	0	0	0	177	
7:15 AM	0	34	74	0	0	108	0	13	0	28	0	41	1	0	47	36	2	84	0	1	0	2	1	3	0	0	0	0	0	236	
7:30 AM	0	48	96	0	0	144	0	30	2	45	0	77	2	1	62	70	0	135	0	1	0	1	0	2	0	0	0	0	0	358	
7:45 AM	0	32	88	1	0	121	0	40	4	58	0	102	0	1	50	36	1	87	0	0	1	3	0	4	0	0	0	0	0	314	
Hourly Total	0	136	325	1	0	462	0	98	8	156	0	262	3	2	189	156	3	350	0	2	1	8	1	11	0	0	0	0	0	1085	

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026

Time	Southbound CSAH 17						Westbound CR 49						Northbound CSAH 17						Eastbound Parking Lot						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	15	87	2	0	104	0	22	1	35	0	58	1	6	48	7	1	62	0	2	0	1	0	3	227
8:15 AM	0	10	64	2	0	76	0	9	2	23	0	34	0	0	43	3	0	46	0	0	2	4	0	6	162
8:30 AM	0	12	51	0	0	63	0	18	3	20	0	41	1	2	54	12	0	69	0	0	1	3	1	4	177
8:45 AM	0	26	69	3	0	98	0	10	4	22	0	36	1	8	58	19	1	86	0	0	0	6	1	6	226
Hourly Total	0	63	271	7	0	341	0	59	10	100	0	169	3	16	203	41	2	263	0	2	3	14	2	19	792
9:00 AM	0	22	49	4	0	75	0	13	2	33	0	48	0	9	48	29	0	86	0	1	4	3	0	8	217
9:15 AM	0	16	55	6	0	77	0	15	9	31	0	55	2	5	56	7	1	70	0	3	2	6	0	11	213
9:30 AM	0	7	57	1	0	65	0	5	4	21	0	30	1	10	68	7	0	86	0	5	1	14	0	20	201
9:45 AM	0	13	46	0	0	59	0	11	8	24	1	43	0	11	64	11	0	86	0	3	4	9	1	16	204
Hourly Total	0	58	207	11	0	276	0	44	23	109	1	176	3	35	236	54	1	328	0	12	11	32	1	55	835
10:00 AM	0	20	64	4	0	88	0	8	12	25	0	45	0	10	57	4	0	71	0	4	3	11	1	18	222
10:15 AM	1	14	66	8	0	89	0	7	7	20	0	34	0	16	48	9	1	73	0	3	5	18	0	26	222
10:30 AM	0	16	67	4	1	87	0	12	9	20	0	41	0	16	68	1	0	85	0	3	7	18	1	28	241
10:45 AM	0	20	57	3	0	80	0	18	10	33	0	61	0	6	51	9	0	66	0	7	9	7	1	23	230
Hourly Total	1	70	254	19	1	344	0	45	38	98	0	181	0	48	224	23	1	295	0	17	24	54	3	95	915
11:00 AM	0	14	66	8	0	88	0	9	10	29	0	48	0	13	69	8	2	90	0	4	5	19	2	28	254
11:15 AM	0	20	83	9	0	112	0	13	8	21	0	42	0	12	87	6	1	105	0	6	4	13	0	23	282
11:30 AM	0	21	70	7	1	98	0	10	11	19	0	40	0	15	78	17	0	110	0	6	5	13	1	24	272
11:45 AM	0	21	79	6	0	106	0	10	7	23	0	40	0	14	76	17	0	107	0	7	9	16	0	32	285
Hourly Total	0	76	298	30	1	404	0	42	36	92	0	170	0	54	310	48	3	412	0	23	23	61	3	107	1093
12:00 PM	0	24	86	8	0	118	0	6	8	27	0	41	0	8	88	6	1	102	0	5	6	20	1	31	292
12:15 PM	0	19	75	8	0	102	0	11	7	15	0	33	0	11	90	5	1	106	0	3	10	21	1	34	275
12:30 PM	0	22	86	6	0	114	0	6	5	28	1	39	0	13	93	6	1	112	0	6	8	9	1	23	288
12:45 PM	0	12	78	11	0	101	0	12	5	33	1	50	0	10	83	14	0	107	0	4	6	12	0	22	280
Hourly Total	0	77	325	33	0	435	0	35	25	103	2	163	0	42	354	31	3	427	0	18	30	62	3	110	1135
1:00 PM	0	14	73	9	0	96	0	11	9	22	0	42	0	20	64	11	0	95	0	6	6	9	0	21	254
1:15 PM	0	18	70	8	0	96	0	7	6	17	0	30	0	14	82	7	0	103	0	7	6	18	0	31	260
1:30 PM	1	21	89	11	2	122	0	14	7	22	1	43	0	15	64	9	0	88	0	7	9	15	0	31	284
1:45 PM	0	18	85	7	1	110	0	18	7	20	1	45	0	14	74	9	0	97	0	6	6	18	0	30	282
Hourly Total	1	71	317	35	3	424	0	50	29	81	2	160	0	63	284	36	0	383	0	26	27	60	0	113	1080
2:00 PM	0	27	91	9	0	127	0	11	5	22	0	38	0	17	87	15	1	119	0	11	4	14	1	29	313
2:15 PM	0	26	70	13	0	109	0	6	8	23	0	37	0	5	76	17	2	98	0	6	7	13	0	26	270
2:30 PM	1	41	86	3	1	131	0	19	14	24	0	57	1	25	114	25	1	165	0	8	7	23	1	38	391
2:45 PM	0	28	92	8	2	128	0	47	8	62	0	117	1	21	90	31	2	143	0	9	12	21	0	42	430
Hourly Total	1	122	339	33	3	495	0	83	35	131	0	249	2	68	367	88	6	525	0	34	30	71	2	135	1404
3:00 PM	0	42	105	3	2	150	0	29	9	43	2	81	1	15	106	24	3	146	0	9	15	24	2	48	425
3:15 PM	0	34	66	14	1	114	0	14	12	36	1	62	1	18	115	19	0	153	0	7	10	22	0	39	368
3:30 PM	0	46	109	11	0	166	0	6	7	37	1	50	0	21	130	24	0	175	0	13	16	22	3	51	442
3:45 PM	0	39	109	7	0	155	0	45	11	53	1	109	1	19	101	25	1	146	0	7	11	24	4	42	452
Hourly Total	0	161	389	35	3	585	0	94	39	169	5	302	3	73	452	92	4	620	0	36	52	92	9	180	1687

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026

Time	Southbound CSAH 17						Westbound CR 49						Northbound CSAH 17						Eastbound Parking Lot						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	50	87	6	0	143	0	20	5	38	0	63	1	13	133	33	1	180	0	7	10	25	2	42	428
4:15 PM	0	42	105	15	0	162	0	17	6	40	0	63	0	18	156	44	1	218	0	8	8	15	0	31	474
4:30 PM	0	36	109	5	1	150	0	18	9	34	0	61	2	24	144	26	1	196	0	7	8	10	1	25	432
4:45 PM	0	40	106	8	0	154	0	12	7	25	0	44	0	15	126	30	0	171	0	7	12	24	2	43	412
Hourly Total	0	168	407	34	1	609	0	67	27	137	0	231	3	70	559	133	3	765	0	29	38	74	5	141	1746
5:00 PM	1	34	112	4	0	151	0	21	13	40	0	74	0	19	128	25	1	172	0	6	9	20	3	35	432
5:15 PM	1	35	94	11	1	141	0	16	9	26	0	51	0	19	135	23	1	177	0	10	8	21	4	39	408
5:30 PM	2	31	115	9	0	157	0	26	6	35	1	67	0	11	96	39	1	146	0	7	15	12	2	34	404
5:45 PM	0	42	98	4	2	144	0	42	7	43	0	92	0	9	127	25	0	161	0	7	8	15	1	30	427
Hourly Total	4	142	419	28	3	593	0	105	35	144	1	284	0	58	486	112	3	656	0	30	40	68	10	138	1671
6:00 PM	1	29	88	5	0	123	0	31	10	54	0	95	0	18	84	26	2	128	0	0	8	20	0	28	374
6:15 PM	1	32	89	7	2	129	0	24	8	34	0	66	0	15	100	17	1	132	0	8	8	13	2	29	356
6:30 PM	0	26	79	4	1	109	0	25	6	37	1	68	1	6	92	21	3	120	0	7	9	15	1	31	328
6:45 PM	0	34	85	3	0	122	0	20	5	38	0	63	1	9	62	17	0	89	0	7	4	8	1	19	293
Hourly Total	2	121	341	19	3	483	0	100	29	163	1	292	2	48	338	81	6	469	0	22	29	56	4	107	1351
7:00 PM	0	30	83	4	0	117	0	14	8	36	1	58	0	2	67	20	0	89	0	1	2	16	1	19	283
7:15 PM	0	16	72	5	0	93	0	6	3	22	1	31	0	10	59	13	0	82	0	1	5	9	1	15	221
7:30 PM	0	20	70	3	2	93	0	10	5	21	0	36	0	8	61	13	0	82	0	8	5	8	7	21	232
7:45 PM	0	22	69	1	0	92	0	8	9	20	0	37	0	4	52	15	2	71	0	3	5	7	0	15	215
Hourly Total	0	88	294	13	2	395	0	38	25	99	2	162	0	24	239	61	2	324	0	13	17	40	9	70	951
8:00 PM	0	20	69	1	0	90	0	11	5	18	0	34	0	3	49	12	0	64	0	1	6	13	0	20	208
8:15 PM	0	18	44	0	0	62	0	11	3	16	0	30	0	2	50	8	0	60	0	1	2	2	0	5	157
8:30 PM	0	13	69	1	0	83	0	19	1	17	0	37	0	1	46	5	0	52	0	1	1	2	0	4	176
8:45 PM	0	19	34	0	0	53	0	3	0	5	0	8	0	2	40	8	0	50	0	2	2	2	0	6	117
Hourly Total	0	70	216	2	0	288	0	44	9	56	0	109	0	8	185	33	0	226	0	5	11	19	0	35	658
9:00 PM	1	6	50	0	0	57	0	8	0	18	0	26	1	1	28	8	0	38	0	1	1	2	0	4	125
9:15 PM	0	11	32	0	0	43	0	2	0	16	0	18	0	0	47	1	0	48	0	4	1	1	0	5	114
9:30 PM	1	11	30	0	0	42	0	2	0	8	0	10	0	0	26	5	0	31	0	0	1	2	0	3	86
9:45 PM	0	14	20	0	0	34	0	3	0	4	0	7	1	0	24	2	0	27	0	0	2	0	0	2	70
Hourly Total	2	42	132	0	0	176	0	15	0	46	0	61	2	1	125	16	0	144	0	1	8	5	0	14	395
10:00 PM	0	9	30	0	0	39	0	2	0	7	0	9	0	1	17	4	0	22	0	0	1	1	0	2	72
10:15 PM	0	12	26	0	0	38	0	2	0	8	0	10	0	1	24	3	0	28	0	0	0	1	0	1	77
10:30 PM	0	5	19	0	0	24	0	3	1	3	0	7	0	0	13	2	0	15	0	0	0	2	0	2	48
10:45 PM	0	5	8	0	0	13	0	2	0	3	0	5	0	0	15	5	0	20	0	0	0	0	0	0	38
Hourly Total	0	31	83	0	0	114	0	9	1	21	0	31	0	2	69	14	0	85	0	0	1	4	0	5	235
11:00 PM	1	2	14	0	0	17	0	0	0	2	0	2	0	0	11	2	0	13	0	0	0	0	1	0	32
11:15 PM	0	3	9	0	0	12	0	1	0	4	0	5	0	0	11	1	0	12	0	0	0	0	0	0	29
11:30 PM	0	3	11	0	0	14	0	4	0	2	0	6	0	0	6	5	0	11	0	0	0	0	0	0	31
11:45 PM	0	6	5	1	0	12	0	1	0	3	0	4	0	0	4	1	0	5	0	1	0	1	0	2	23
Hourly Total	1	14	39	1	0	55	0	6	0	11	0	17	0	0	32	9	0	41	0	1	0	1	1	2	115
<b>DAILY TOTAL</b>	<b>12</b>	<b>1564</b>	<b>4951</b>	<b>313</b>	<b>20</b>	<b>6840</b>	<b>0</b>	<b>993</b>	<b>381</b>	<b>1870</b>	<b>14</b>	<b>3244</b>	<b>22</b>	<b>623</b>	<b>4883</b>	<b>1062</b>	<b>37</b>	<b>6590</b>	<b>0</b>	<b>276</b>	<b>348</b>	<b>730</b>	<b>53</b>	<b>1354</b>	<b>18028</b>
<b>Cars</b>	12	1547	4905	305	11	6769	0	966	381	1857	5	3204	22	621	4838	1030	14	6511	0	268	348	728	29	1344	17828
<b>Heavy Vehicles</b>	0	17	46	8	9	71	0	27	0	13	9	40	0	2	45	32	23	79	0	8	0	2	24	10	200
<b>Heavy Vehicle %</b>	0.00%	1.09%	0.93%	2.56%	45.00%	1.04%	0.00%	2.72%	0.00%	0.70%	64.29%	1.23%	0.00%	0.32%	0.92%	3.01%	62.16%	1.20%	0.00%	2.90%	0.00%	0.27%	45.28%	0.74%	1.11%

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026  
AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
7:15 AM	0	34	74	0	0	108	0	13	0	28	0	41	1	0	47	36	2	84	0	1	0	2	1	3	0	1	0	1	0	2	236
7:30 AM	0	48	96	0	0	144	0	30	2	45	0	77	2	1	62	70	0	135	0	1	0	1	0	2	0	1	0	1	0	2	358
7:45 AM	0	32	88	1	0	121	0	40	4	58	0	102	0	1	50	36	1	87	0	0	1	3	0	4	0	0	1	3	0	4	314
8:00 AM	0	15	87	2	0	104	0	22	1	35	0	58	1	6	48	7	1	62	0	2	0	1	0	3	0	2	0	1	0	3	227
Peak Hour Total	0	129	345	3	0	477	0	105	7	166	0	278	4	8	207	149	4	368	0	4	1	7	1	12	0	4	1	7	1	12	1135
Peak Hour Heavy Vehicle	0	2	4	0	0	6	0	4	0	0	0	4	0	0	2	11	0	13	0	1	0	0	0	1	0	0	0	0	0	1	24
Peak Hour Heavy Vehicle PHF	0.00%	1.55%	1.16%	0.00%	0.00%	1.26%	0.00%	3.81%	0.00%	0.00%	0.00%	1.44%	0.00%	0.00%	0.97%	7.38%	0.00%	3.53%	0.00%	25.00%	0.00%	0.00%	0.00%	8.33%	0.00%	25.00%	0.00%	0.00%	0.00%	8.33%	2.11%
	0.00%	0.672	0.898	0.375	0.000	0.828	0.000	0.656	0.438	0.716	0.000	0.681	0.500	0.333	0.835	0.532	0.500	0.681	0.000	0.500	0.250	0.583	0.250	0.750	0.000	0.500	0.250	0.583	0.250	0.750	0.793

Mid Peak Hour (10:00 - 14:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
11:45 AM	0	21	79	6	0	106	0	10	7	23	0	40	0	14	76	17	0	107	0	7	9	16	0	32	0	7	9	16	0	32	285
12:00 PM	0	24	86	8	0	118	0	6	8	27	0	41	0	8	88	6	1	102	0	5	6	20	1	31	0	5	6	20	1	31	292
12:15 PM	0	19	75	8	0	102	0	11	7	15	0	33	0	11	90	5	1	106	0	3	10	21	1	34	0	3	10	21	1	34	275
12:30 PM	0	22	86	6	0	114	0	6	5	28	1	39	0	13	93	6	1	112	0	6	8	9	1	23	0	6	8	9	1	23	288
Peak Hour Total	0	86	326	28	0	440	0	33	27	93	1	153	0	46	347	34	3	427	0	21	33	66	3	120	0	21	33	66	3	120	1140
Peak Hour Heavy Vehicle	0	0	4	0	0	4	0	0	0	3	1	3	0	0	1	3	0	4	0	0	0	0	0	1	0	0	0	0	0	1	11
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	1.23%	0.00%	0.00%	0.91%	0.00%	0.00%	0.00%	3.23%	100.00%	1.96%	0.00%	0.00%	0.29%	8.82%	0.00%	0.94%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.96%
	0.00%	0.896	0.948	0.875	0.000	0.932	0.000	0.750	0.844	0.830	0.250	0.933	0.000	0.821	0.933	0.500	0.750	0.953	0.000	0.750	0.825	0.786	0.750	0.882	0.000	0.750	0.825	0.786	0.750	0.882	0.976

PM Peak Hour (14:00 - 24:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total							
3:30 PM	0	46	109	11	0	166	0	6	7	37	1	50	0	21	130	24	0	175	0	13	16	22	3	51	0	13	16	22	3	51	442
3:45 PM	0	39	109	7	0	155	0	45	11	53	1	109	1	19	101	25	1	146	0	7	11	24	4	42	0	7	11	24	4	42	452
4:00 PM	0	50	87	6	0	143	0	20	5	38	0	63	1	13	133	33	1	180	0	7	10	25	2	42	0	7	10	25	2	42	428
4:15 PM	0	42	105	15	0	162	0	17	6	40	0	63	0	18	156	44	1	218	0	8	8	15	0	31	0	8	8	15	0	31	474
Peak Hour Total	0	177	410	39	0	626	0	88	29	168	2	285	2	71	520	126	3	719	0	35	45	86	9	166	0	35	45	86	9	166	1796
Peak Hour Heavy Vehicle	0	2	8	0	0	10	0	8	0	2	1	10	0	0	4	3	0	7	0	0	0	0	0	5	0	0	0	0	0	5	27
Peak Hour Heavy Vehicle PHF	0.00%	1.13%	1.95%	0.00%	0.00%	1.60%	0.00%	9.09%	0.00%	1.19%	50.00%	3.51%	0.00%	0.00%	0.77%	2.38%	0.00%	0.97%	0.00%	0.00%	0.00%	0.00%	55.56%	0.00%	0.00%	0.00%	0.00%	0.00%	55.56%	0.00%	1.50%
	0.00%	0.885	0.940	0.650	0.000	0.943	0.000	0.489	0.659	0.792	0.500	0.654	0.500	0.845	0.833	0.716	0.750	0.825	0.000	0.673	0.703	0.860	0.563	0.814	0.000	0.673	0.703	0.860	0.563	0.814	0.947

Total Vehicles On Leg		13881	
Vehicles Entering Intersection	6840	Vehicles Exiting Intersection	7041
Southbound			
Cars	305	4905	1547
Heavy	8	46	17
Total	313	4951	1564

Total Vehicles on Leg 2671	Vehicles Entering Intersection	Eastbound	Cars	Heav	Total
	Vehicles Exiting Intersection 1317		29	24	53
			0	0	0
			268	8	276
			348	0	348
			728	2	730

Daily Volumes

Cars	Heav	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg 6218
1857	13	1870		Vehicles Exiting Intersection 2974	
381	0	381			
966	27	993			
0	0	0			
5	9	14			

Cars	14	22	621	4838	1030
Heavy	23	0	2	45	32
Total	37	22	623	4883	1062
Northbound					
Vehicles Entering Intersection	6590		Vehicles Exiting Intersection	6696	
Total Vehicles On Leg			13286		

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy CR 49						Northbound Heavy CSAH 17						Eastbound Heavy Parking Lot						VEHICLE TOTAL	
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total		
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	2
4:45 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	4
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
5:15 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	0	1	3
6:15 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6:30 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
6:45 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly 'Heavy Vehicles'	0	0	2	2	0	4	0	1	0	0	0	1	0	0	2	0	0	2	0	2	0	0	0	0	2	9
7:00 AM	0	1	2	0	0	3	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
7:15 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	1	2	0	1	0	0	0	0	1	4
7:30 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	13
7:45 AM	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
Hourly 'Heavy Vehicles'	0	2	5	0	0	7	0	3	0	0	0	3	0	0	1	11	2	12	0	1	0	0	0	1	23	

TMC 2614 - CSAH 17 @ CR 49  
Blaine Minnesota  
Tuesday, April 14, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy CR 49						Northbound Heavy CSAH 17						Eastbound Heavy Parking Lot						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	
8:00 AM	0	1	1	0	0	2	0	2	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	5
8:15 AM	0	0	1	0	0	1	0	2	0	0	0	2	0	0	3	0	0	3	0	0	0	0	0	0	6
8:30 AM	0	2	0	0	0	2	0	1	0	0	0	1	0	0	3	0	0	3	0	0	0	0	1	0	6
8:45 AM	0	1	2	0	0	3	0	1	0	0	0	1	0	1	2	2	0	5	0	0	0	1	0	1	10
Hourly 'Heavy Vehicles'	0	4	4	0	0	8	0	6	0	0	0	6	0	1	9	2	0	12	0	0	0	1	1	1	27
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	4
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	3	0	0	0	0	0	0	3
9:30 AM	0	0	1	0	0	1	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3
9:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	1	0	1	1	2	0	0	2	5	1	7	0	0	0	0	0	0	10
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	1	1	0	2	0	0	0	1	0	1	0	0	1	0	1	1	0	0	0	0	0	0	4
10:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
10:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	0	1	1	7
Hourly 'Heavy Vehicles'	0	0	4	1	0	5	0	0	0	1	0	1	0	0	6	0	1	6	0	1	0	0	2	1	13
11:00 AM	0	1	1	0	0	2	0	0	0	1	0	1	0	1	1	0	0	2	0	0	0	0	0	0	5
11:15 AM	0	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	3
11:30 AM	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0	2	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	2	2	0	1	4	0	1	0	2	0	3	0	1	2	2	1	5	0	0	0	0	0	0	12
12:00 PM	0	0	2	0	0	2	0	0	0	2	0	2	0	0	0	0	1	0	0	0	0	0	1	0	4
12:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	3
12:30 PM	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1
12:45 PM	0	0	2	0	0	2	0	0	0	1	1	1	0	0	2	0	0	2	0	0	0	0	0	0	5
Hourly 'Heavy Vehicles'	0	0	6	0	0	6	0	0	0	3	2	3	0	0	3	1	2	4	0	0	0	0	1	0	13
1:00 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
1:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:30 PM	0	1	2	0	1	3	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	4
1:45 PM	0	0	1	0	1	1	0	0	0	1	1	1	0	0	0	2	0	2	0	0	0	0	0	0	4
Hourly 'Heavy Vehicles'	0	1	6	0	2	7	0	0	0	1	2	1	0	0	3	2	0	5	0	1	0	0	0	1	14
2:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2
2:30 PM	0	1	0	1	0	2	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	5
2:45 PM	0	0	1	0	0	1	0	2	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	1	1	2	0	4	0	2	0	0	0	2	0	0	3	1	2	4	0	1	0	0	0	1	11
3:00 PM	0	0	1	0	0	1	0	3	0	2	0	5	0	0	0	1	1	1	0	0	0	1	0	1	8
3:15 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	5
3:30 PM	0	0	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	2	0	0	0	0	1	0	3
3:45 PM	0	0	2	0	0	2	0	5	0	0	0	5	0	0	1	1	1	2	0	0	0	0	3	0	9
Hourly 'Heavy Vehicles'	0	1	3	0	0	4	0	8	0	3	1	11	0	0	3	6	2	9	0	0	0	1	4	1	25

TMC 2614 - CSAH 17 @ CR 49  
Blaine, Minnesota  
Tuesday, April 14, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy CR 49						Northbound Heavy CSAH 17						Eastbound Heavy Parking Lot						VEHICLE 'Heavy Vehicles'						
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach 'Heavy Vehicles'							
4:00 PM	0	2	3	0	0	5	0	3	0	0	0	3	0	0	1	2	1	3	0	0	0	0	1	0	0	0	0	0	1	0	11
4:15 PM	0	0	3	0	0	3	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
4:30 PM	0	2	1	0	0	3	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	4
4:45 PM	0	0	1	1	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	4	8	1	0	13	0	3	0	1	0	4	0	0	3	2	2	5	0	0	0	0	2	0	0	0	0	0	2	0	22
5:00 PM	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0	0	0	0	2	0	2
5:30 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	1
5:45 PM	0	0	0	0	2	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	2
Hourly 'Heavy Vehicles'	0	0	1	0	3	1	0	2	0	1	0	3	0	0	3	0	2	3	0	0	0	0	0	5	0	0	0	0	5	0	7
6:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	0
6:30 PM	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	1	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Hourly 'Heavy Vehicles'	0	2	0	0	1	2	0	0	0	0	1	0	0	0	0	0	6	0	0	0	0	0	0	4	0	0	0	0	4	0	2
7:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
7:30 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	4	0	0	0	0	4	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
11:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0	1
<b>DAILY 'Heavy Vehicles'</b>	<b>0</b>	<b>17</b>	<b>46</b>	<b>8</b>	<b>9</b>	<b>71</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>13</b>	<b>9</b>	<b>40</b>	<b>0</b>	<b>2</b>	<b>45</b>	<b>32</b>	<b>23</b>	<b>79</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>24</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>200</b>	

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2614

Study Date : 06/10/2026

## Signal Warrants - Summary

### Major Street Approaches

Northbound: CSAH 17

Number of Lanes : 2+

Total Approach Volume: 6,590

Southbound: CSAH 17

Number of Lanes : 2+

Total Approach Volume: 6,840

### Minor Street Approaches

Eastbound: Parking Lot

Number of Lanes : 1

Total Approach Volume: 624

Westbound: CR 49

Number of Lanes : 1

Total Approach Volume: 1,374

### Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Satisfied

Warrant 1A - Minimum Vehicular Volume.....Satisfied

Required volumes reached for 13 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Satisfied

Required volumes reached for 15 hours, 8 are needed

Warrant 1C - Combination of Warrants.....Satisfied

Required 1A volumes reached for 14 hours, 8 are needed

Required 1B volumes reached for 15 hours, 8 are needed

Warrant 2 - Four Hour Volumes.....Satisfied

Number of hours (9) volumes exceed minimum >= minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

Warrant 3A - Peak Hour Delay.....Not Satisfied

Approach volumes on minor street don't exceed minimums for any one hour period. Delay data not evaluated.

Warrant 3B - Peak Hour Volumes.....Satisfied

Volumes exceed minimums for at least one hour period.

Warrant 4 - Pedestrian Volumes.....Not Evaluated

Warrant 5 - School Crossing.....Not Evaluated

Warrant 6 - Coordinated Signal System.....Not Evaluated

Warrant 7 - Crash Experience.....Not Evaluated

Warrant 8 - Roadway Network.....Not Evaluated

Warrant 9 - Intersection Near a Grade Crossing.....Not Evaluated



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2614

Study Date : 06/10/2026

## Warrant 1B - Interruption of Continuous Traffic

#### Description

Intended for sites where the volume of the major street is so heavy that traffic on the minor street suffers excessive delay or hazard.

#### Summary

15 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70 % applied  
 Veh/Hr Major = **378**  
 Veh/Hr Minor = **32**

Time	Major Road				Total	Minor Road		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
	<b>CSAH 17</b>					<b>Parking Lot</b>		
16:15 - 17:15	757	+	617	=	1374	65	103	Yes
15:15 - 16:15	654	+	578	=	1232	81	120	Yes
17:15 - 18:15	612	+	565	=	1177	63	147	Yes
14:15 - 15:15	552	+	518	=	1070	73	140	Yes
18:15 - 19:15	430	+	477	=	907	46	110	Yes
13:15 - 14:15	407	+	455	=	862	56	75	Yes
11:15 - 12:15	424	+	434	=	858	48	73	Yes
07:15 - 08:15	368	+	477	=	845	5	112	Yes
12:15 - 13:15	420	+	413	=	833	49	66	Yes
19:15 - 20:15	299	+	368	=	667	34	57	Yes
10:15 - 11:15	314	+	344	=	658	43	82	Yes
09:15 - 10:15	313	+	289	=	602	25	72	Yes
08:15 - 09:15	287	+	312	=	599	8	61	Yes
20:15 - 21:15	200	+	255	=	455	11	45	Yes
06:15 - 07:15	148	+	262	=	410	2	53	Yes
06:00 - 07:00	139	+	208	=	347	3	39	No
05:45 - 06:45	119	+	170	=	289	3	36	No
21:15 - 22:15	128	+	158	=	286	8	9	No
21:30 - 22:30	108	+	153	=	261	4	9	No
05:30 - 06:30	98	+	136	=	234	2	27	No
21:45 - 22:45	92	+	135	=	227	3	11	No
22:00 - 23:00	85	+	114	=	199	1	10	No
05:15 - 06:15	92	+	100	=	192	2	21	No
22:15 - 23:15	76	+	92	=	168	0	8	No
05:00 - 06:00	66		80		146	3	19	No

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2614

Study Date : 06/10/2026

## Warrant 1C Combination of Warrants

#### Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

#### Summary

14 hours meet 1A minimums.  
15 hours meet 1B minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
Number of Major Lanes = **2 or more**  
Number of Minor Lanes = **1**

#### Volume Requirements

Rural Factor of 70% applied  
Warrant 1A 1B  
Veh/Hr Major = **202 302**  
  
Veh/Hr Minor = **50 26**

#### Major Road CSAH 17

#### Minor Road Parking Lot

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?
16:15 - 17:15	757	+	617	=	1374	65	103	Yes
15:15 - 16:15	654	+	578	=	1232	81	120	Yes
17:15 - 18:15	612	+	565	=	1177	63	147	Yes
14:15 - 15:15	552	+	518	=	1070	73	140	Yes
18:15 - 19:15	430	+	477	=	907	46	110	Yes
13:15 - 14:15	407	+	455	=	862	56	75	Yes
11:15 - 12:15	424	+	434	=	858	48	73	Yes
07:15 - 08:15	368	+	477	=	845	5	112	Yes
12:15 - 13:15	420	+	413	=	833	49	66	Yes
19:15 - 20:15	299	+	368	=	667	34	57	Yes
10:15 - 11:15	314	+	344	=	658	43	82	Yes
09:15 - 10:15	313	+	289	=	602	25	72	Yes

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
16:00 - 17:00	765	+	609	=	1374	67	94	Yes
17:00 - 18:00	656	+	593	=	1249	70	140	Yes
15:00 - 16:00	620	+	585	=	1205	88	133	Yes
14:00 - 15:00	525	+	495	=	1020	64	118	Yes
18:00 - 19:00	469	+	483	=	952	51	129	Yes
12:00 - 13:00	427	+	435	=	862	48	60	Yes
11:00 - 12:00	412	+	404	=	816	46	78	Yes
07:00 - 08:00	350	+	462	=	812	3	106	Yes
13:00 - 14:00	383	+	424	=	807	53	79	Yes
19:00 - 20:00	324	+	395	=	719	30	63	Yes
10:00 - 11:00	295	+	344	=	639	41	83	Yes
09:00 - 10:00	328	+	276	=	604	23	67	Yes

# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2614

Study Date : 06/10/2026

## Warrant 2 - Four Hour Volumes

#### Description

Intended for sites where the volume of intersecting traffic during any four hours of the day is the principal reason for consideration of a signal installation.

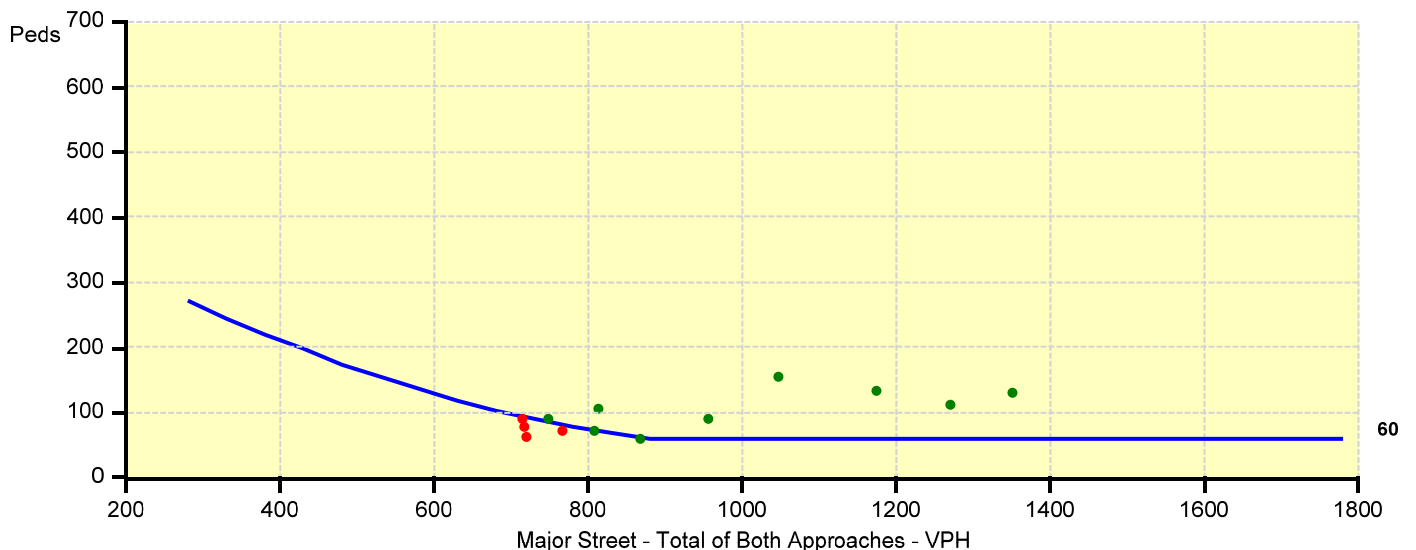
#### Summary

9 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

Time	Major Road CSAH 17				Total	Minor Road Parking Lot		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
15:45 - 16:45	740	+	610	=	1350	66	131	Yes
16:45 - 17:45	666	+	603	=	1269	74	110	Yes
14:45 - 15:45	617	+	558	=	1175	91	132	Yes
17:45 - 18:45	541	+	505	=	1046	55	153	Yes
13:45 - 14:45	479	+	477	=	956	55	88	Yes
11:45 - 12:45	427	+	440	=	867	54	60	Yes
07:00 - 08:00	350	+	462	=	812	3	106	Yes
12:45 - 13:45	393	+	415	=	808	51	71	Yes
10:45 - 11:45	371	+	378	=	749	46	89	Yes
18:45 - 19:45	342	+	425	=	767	33	71	No
19:00 - 20:00	324	+	395	=	719	30	63	No
06:45 - 07:45	308	+	409	=	717	3	76	No



# ANOKA COUNTY HIGHWAY

## PC-WARRANTS

### TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2614

Study Date : 06/10/2026

## Warrant 3B - Peak Hour Volumes

#### Description

Intended for sites where the volume of intersecting traffic during one hour of the day is the principal reason for consideration of a signal installation.

#### Summary

17 one hour periods meet minimums.  
Warrant IS met.

#### Site Data Required

Rural Settings Apply = **True**  
 Number of Major Lanes = **2 or more**  
 Number of Minor Lanes = **1**

Time	Major Road CSAH 17				Total	Minor Road Parking Lot		Met?
	Major NB	+	Major SB	=		Minor EB	Minor WB	
16:00 - 17:00	765	+	609	=	1374	67	94	Yes
16:15 - 17:15	757	+	617	=	1374	65	103	Yes
15:45 - 16:45	740	+	610	=	1350	66	131	Yes
15:30 - 16:30	719	+	626	=	1345	80	117	Yes
16:30 - 17:30	716	+	596	=	1312	67	105	Yes
16:45 - 17:45	666	+	603	=	1269	74	110	Yes
17:00 - 18:00	656	+	593	=	1249	70	140	Yes
15:15 - 16:15	654	+	578	=	1232	81	120	Yes
15:00 - 16:00	620	+	585	=	1205	88	133	Yes
17:15 - 18:15	612	+	565	=	1177	63	147	Yes
14:45 - 15:45	617	+	558	=	1175	91	132	Yes
14:30 - 15:30	607	+	523	=	1130	77	152	Yes

