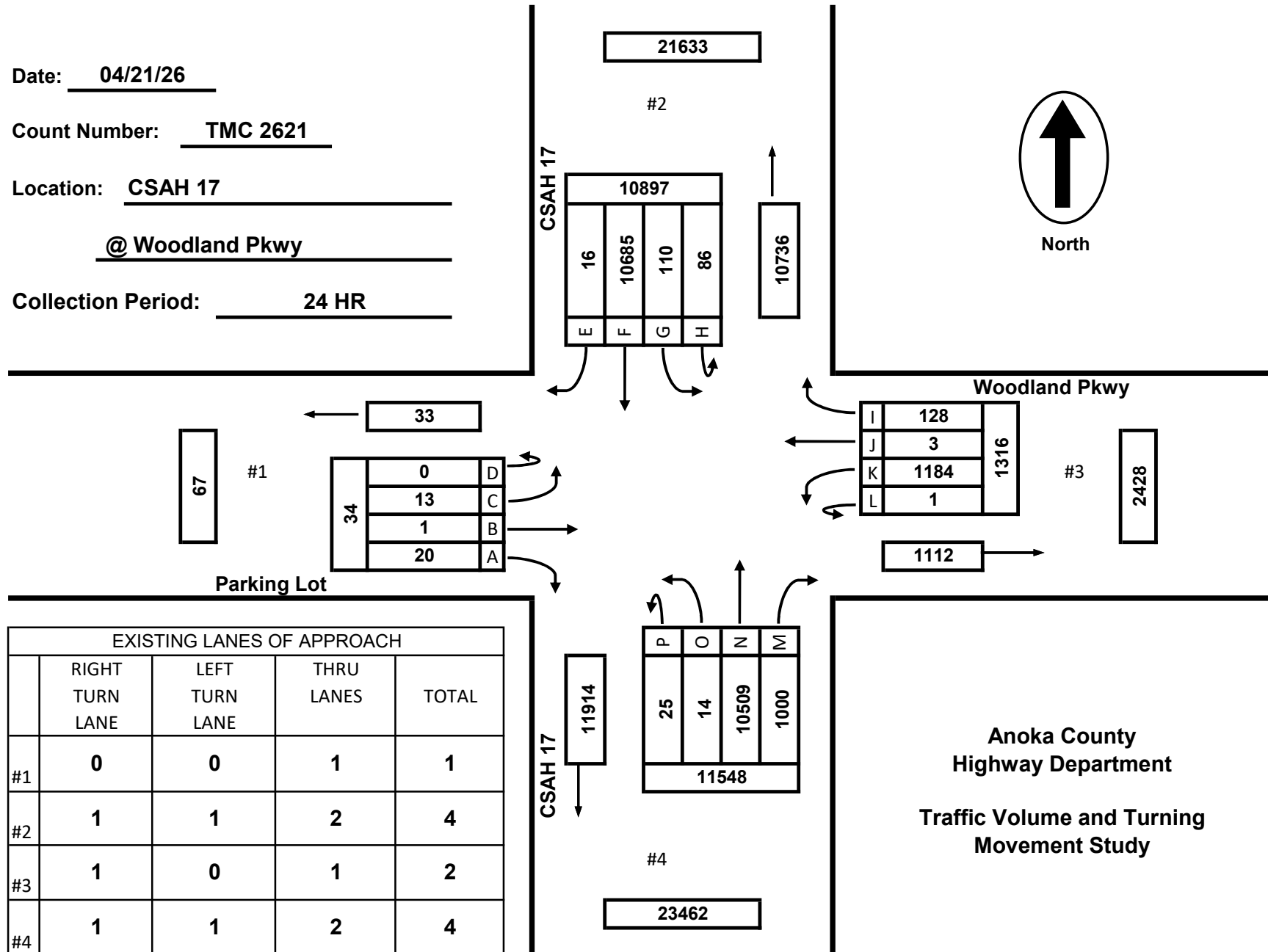
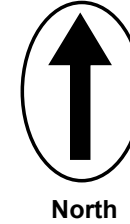


Date: 04/21/26

Count Number: TMC 2621

Location: CSAH 17
@ Woodland Pkwy

Collection Period: 24 HR



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

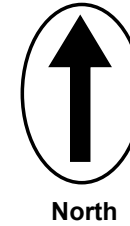
Date: 04/21/26

Count Number: TMC 2621

Location: CSAH 17
@ Woodland Pkwy

Collection Period: 24 HR

Peak Hour: 7:00 AM - 8:00 AM



North

1666

#2

CSAH 17

1368			
2	1361	2	3
E	F	G	H

298

Woodland Pkwy

I	12	178
J	0	
K	166	
L	0	

#3

209

31

4

#1

2	0	D
	1	C
	0	B
	1	A

Parking Lot

P	O	N	M
4	0	282	29
315			

#4

1847

CSAH 17

1532

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

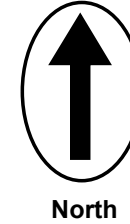
Date: 04/21/26

Count Number: TMC 2621

Location: CSAH 17
@ Woodland Pkwy

Collection Period: 24 HR

Peak Hour: 12:00 PM - 1:00 PM



North

1097

#2

CSAH 17

563			
0	550	6	7
E	F	G	H

534

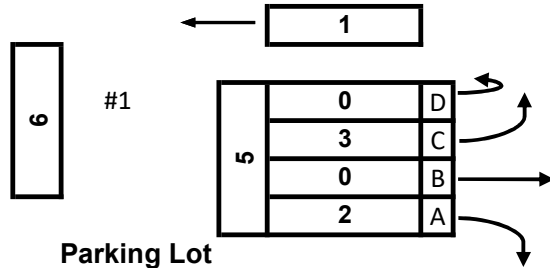
Woodland Pkwy

I	3	47
J	1	
K	43	
L	0	

#3

95

48



P	O	N	M
2	0	521	42
565			

#4

1162

CSAH 17

597

Anoka County
Highway Department

Traffic Volume and Turning
Movement Study

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

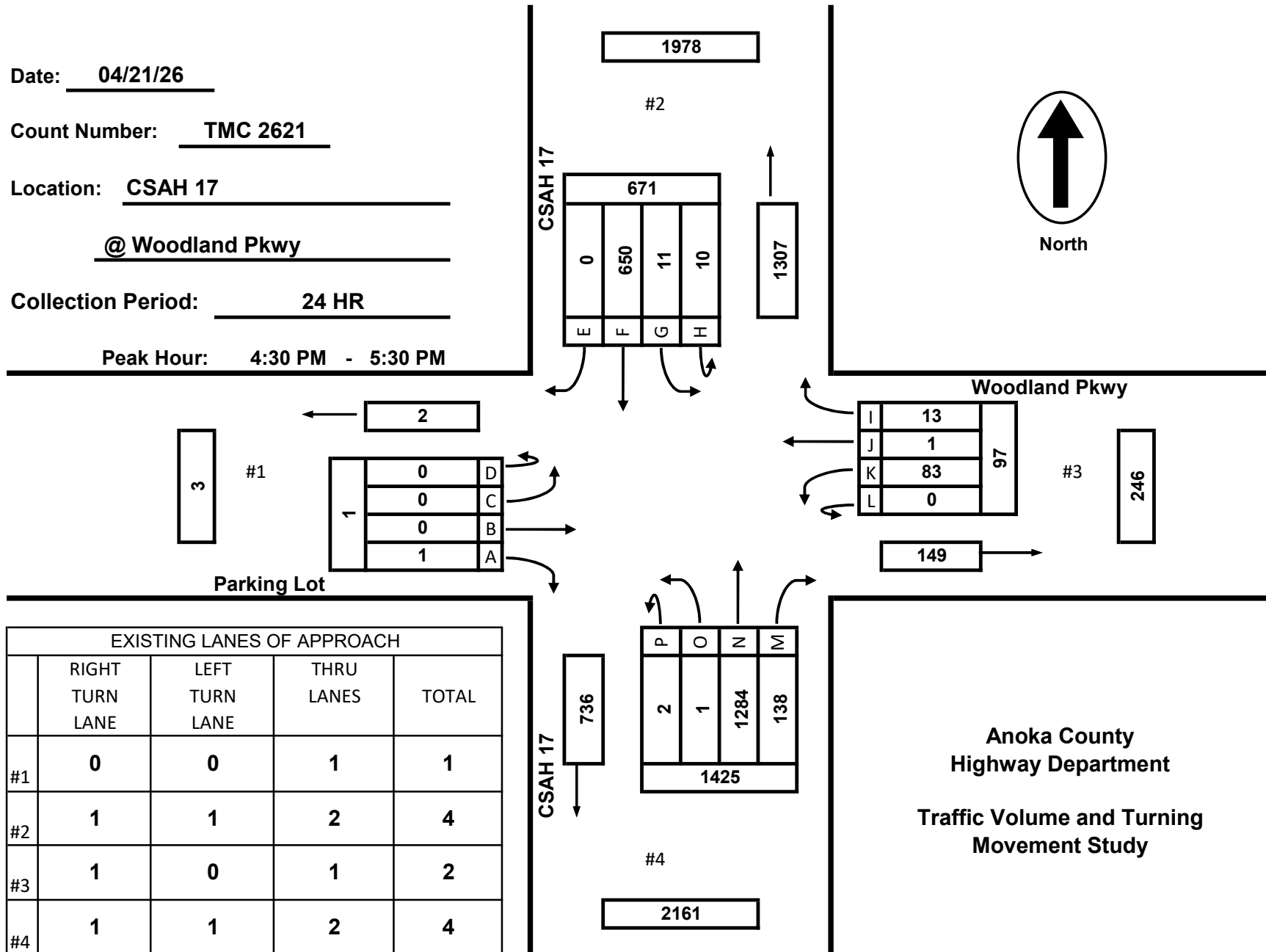
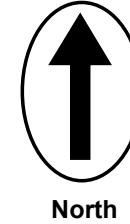
Date: 04/21/26

Count Number: TMC 2621

Location: CSAH 17
@ Woodland Pkwy

Collection Period: 24 HR

Peak Hour: 4:30 PM - 5:30 PM



Anoka County
 Highway Department
 Traffic Volume and Turning
 Movement Study

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 2026

Time	Southbound CSAH 17						Westbound Woodland Pkwy						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	0	9	0	0	9	0	0	0	0	0	0	0	0	28	1	0	29	0	0	0	0	0	0	38
12:15 AM	0	0	7	0	0	7	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	22
12:30 AM	0	0	10	0	0	10	0	1	0	0	0	1	0	0	14	0	0	14	0	0	0	0	0	0	25
12:45 AM	0	0	6	0	0	6	0	1	0	0	0	1	0	0	18	1	0	19	0	0	0	0	0	0	26
Hourly Total	0	0	32	0	0	32	0	2	0	0	0	2	0	0	75	2	0	77	0	0	0	0	0	0	111
1:00 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	13
1:15 AM	0	0	7	0	0	7	0	0	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	19
1:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	0	9
1:45 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	14	1	0	15	0	0	0	0	0	0	19
Hourly Total	0	1	15	0	0	16	0	0	0	0	0	0	0	0	42	2	0	44	0	0	0	0	0	0	60
2:00 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	9
2:15 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	11
2:30 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	9
2:45 AM	0	0	6	0	0	6	0	1	0	0	0	1	0	0	7	0	0	7	0	0	0	0	0	0	14
Hourly Total	0	0	16	0	0	16	0	1	0	0	0	1	0	0	26	0	0	26	0	0	0	0	0	0	43
3:00 AM	0	0	5	0	0	5	0	1	0	1	0	2	0	0	1	1	0	2	0	0	0	0	0	0	9
3:15 AM	0	0	7	0	0	7	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	11
3:30 AM	0	0	17	0	0	17	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	19
3:45 AM	0	0	18	0	0	18	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	22
Hourly Total	0	0	47	0	0	47	0	1	0	1	0	2	0	0	11	1	0	12	0	0	0	0	0	0	61
4:00 AM	0	0	25	0	0	25	0	1	0	0	0	1	0	0	4	1	0	5	0	0	0	0	0	0	31
4:15 AM	0	0	26	0	0	26	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	28
4:30 AM	0	0	58	0	0	58	0	5	0	1	0	6	0	0	6	0	0	6	0	0	0	0	0	0	70
4:45 AM	0	0	55	0	0	55	0	3	0	0	0	3	0	0	4	2	0	6	0	0	0	0	0	0	64
Hourly Total	0	0	164	0	0	164	0	9	0	1	0	10	0	0	16	3	0	19	0	0	0	0	0	0	193
5:00 AM	0	0	71	0	0	71	0	6	0	1	0	7	0	0	9	0	0	9	0	0	0	0	0	0	87
5:15 AM	0	0	98	0	0	98	0	5	0	0	0	5	0	0	5	1	0	6	0	0	0	0	0	0	109
5:30 AM	0	1	151	0	0	152	0	13	0	0	0	13	0	0	12	1	0	13	0	0	0	0	0	0	178
5:45 AM	0	1	139	0	0	140	0	10	0	0	0	10	0	0	23	4	0	27	0	0	0	0	0	0	177
Hourly Total	0	2	459	0	0	461	0	34	0	1	0	35	0	0	49	6	0	55	0	0	0	0	0	0	551
6:00 AM	1	0	170	0	0	171	0	8	0	1	0	9	0	0	29	0	0	29	0	0	0	0	0	0	209
6:15 AM	0	2	202	0	0	204	0	20	0	0	0	20	0	0	41	3	1	44	0	0	0	0	0	0	268
6:30 AM	0	2	267	0	0	269	0	24	0	2	0	26	0	0	45	5	0	50	0	0	0	0	0	0	345
6:45 AM	0	0	273	0	0	273	0	28	0	0	0	28	0	0	56	5	0	61	0	0	0	0	0	0	362
Hourly Total	1	4	912	0	0	917	0	80	0	3	0	83	0	0	171	13	1	184	0	0	0	0	0	0	1184
7:00 AM	1	0	323	0	0	324	0	36	0	1	0	37	1	0	75	1	0	77	0	0	0	0	0	0	438
7:15 AM	1	0	372	1	0	374	0	40	0	4	1	44	0	0	57	8	0	65	0	1	0	1	0	2	485
7:30 AM	1	1	368	1	0	371	0	52	0	5	0	57	0	0	73	9	1	82	0	0	0	0	0	0	510
7:45 AM	0	1	298	0	0	299	0	38	0	2	0	40	3	0	77	11	0	91	0	0	0	0	0	0	430
Hourly Total	3	2	1361	2	0	1368	0	166	0	12	1	178	4	0	282	29	1	315	0	1	0	1	0	2	1863

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 2026

Time	Southbound CSAH 17						Westbound Woodland Pkwy						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	2	1	289	1	0	293	0	22	0	1	0	23	0	1	76	6	0	83	0	0	0	0	0	0	399
8:15 AM	0	2	254	1	0	257	0	26	0	1	0	27	0	0	80	3	0	83	0	0	0	0	0	0	367
8:30 AM	1	3	225	0	0	229	0	17	0	1	0	18	0	0	78	4	0	82	0	0	0	0	0	0	329
8:45 AM	0	2	206	0	0	208	0	21	0	3	0	24	0	0	73	9	0	82	0	0	0	0	0	0	314
Hourly Total	3	8	974	2	0	987	0	86	0	6	0	92	0	1	307	22	0	330	0	0	0	0	0	0	1409
9:00 AM	0	1	178	0	0	179	0	20	0	4	0	24	0	0	92	8	0	100	0	0	0	0	0	0	303
9:15 AM	2	1	212	1	0	216	0	18	0	2	0	20	0	0	95	13	1	108	0	0	0	0	0	0	344
9:30 AM	0	1	163	0	0	164	0	16	0	3	0	19	0	1	82	10	0	93	0	0	0	0	0	0	276
9:45 AM	0	2	168	3	0	173	1	11	0	0	0	12	0	3	96	3	0	102	0	0	0	1	3	1	288
Hourly Total	2	5	721	4	0	732	1	65	0	9	0	75	0	4	365	34	1	403	0	0	0	1	3	1	1211
10:00 AM	1	5	140	1	0	147	0	11	0	1	0	12	0	0	82	8	0	90	0	1	0	1	3	2	251
10:15 AM	0	1	141	0	0	142	0	21	0	1	0	22	0	0	113	10	0	123	0	0	0	1	0	1	288
10:30 AM	1	2	119	0	0	122	0	17	0	1	0	18	0	1	81	10	0	92	0	0	0	0	0	0	232
10:45 AM	2	1	125	0	0	128	0	12	0	1	0	13	0	0	91	10	0	101	0	0	0	0	0	0	242
Hourly Total	4	9	525	1	0	539	0	61	0	4	0	65	0	1	367	38	0	406	0	1	0	2	3	3	1013
11:00 AM	0	1	132	0	0	133	0	15	0	4	0	19	1	1	100	7	0	109	0	0	0	1	0	1	262
11:15 AM	1	1	139	1	0	142	0	17	0	0	0	17	1	1	112	8	0	122	0	1	0	0	0	1	282
11:30 AM	1	2	141	1	0	145	0	24	0	7	0	31	0	0	103	13	0	116	0	0	0	3	3	3	295
11:45 AM	0	1	129	0	0	130	0	15	0	0	0	15	0	0	106	10	0	116	0	0	0	2	1	2	263
Hourly Total	2	5	541	2	0	550	0	71	0	11	0	82	2	2	421	38	0	463	0	1	0	6	4	7	1102
12:00 PM	2	3	126	0	0	131	0	14	0	0	0	14	0	0	132	13	0	145	0	2	0	0	0	2	292
12:15 PM	1	0	128	0	0	129	0	11	0	1	0	12	0	0	135	11	0	146	0	0	0	1	0	1	288
12:30 PM	4	3	151	0	0	158	0	8	1	2	0	11	1	0	135	6	0	142	0	1	0	0	0	1	312
12:45 PM	0	0	145	0	2	145	0	10	0	0	0	10	1	0	119	12	0	132	0	0	0	1	1	1	288
Hourly Total	7	6	550	0	2	563	0	43	1	3	0	47	2	0	521	42	0	565	0	3	0	2	1	5	1180
1:00 PM	2	2	125	0	0	129	0	5	0	4	1	9	0	0	136	16	0	152	0	0	0	0	0	0	290
1:15 PM	3	0	129	0	0	132	0	12	0	1	0	13	0	0	127	9	0	136	0	0	0	0	0	0	281
1:30 PM	0	0	112	0	0	112	0	15	0	0	0	15	0	1	129	11	0	141	0	0	0	0	0	0	268
1:45 PM	2	2	125	0	0	129	0	16	0	2	0	18	0	0	143	16	0	159	0	0	0	1	0	1	307
Hourly Total	7	4	491	0	0	502	0	48	0	7	1	55	0	1	535	52	0	588	0	0	0	1	0	1	1146
2:00 PM	2	0	128	0	0	130	0	13	0	6	0	19	0	0	155	17	0	172	0	0	0	0	0	0	321
2:15 PM	2	2	132	0	0	136	0	11	0	1	0	12	2	0	210	19	0	231	0	0	0	0	1	0	379
2:30 PM	1	3	132	0	0	136	0	16	0	0	0	16	2	0	213	18	0	233	0	0	0	0	2	0	385
2:45 PM	1	0	119	0	0	120	0	17	0	2	0	19	0	0	241	22	0	263	0	1	0	0	2	1	403
Hourly Total	6	5	511	0	0	522	0	57	0	9	0	66	4	0	819	76	0	899	0	1	0	0	5	1	1488
3:00 PM	3	1	122	0	3	126	0	16	0	1	0	17	0	0	253	17	0	270	0	0	0	0	0	0	413
3:15 PM	2	0	138	0	1	140	0	23	0	2	0	25	0	0	306	25	0	331	0	0	0	0	2	0	496
3:30 PM	0	2	128	0	0	130	0	19	0	1	0	20	0	0	317	19	0	336	0	0	0	0	1	0	486
3:45 PM	2	2	128	0	0	132	0	11	0	1	0	12	0	0	326	27	0	353	0	1	0	1	1	2	499
Hourly Total	7	5	516	0	4	528	0	69	0	5	0	74	0	0	1202	88	0	1290	0	1	0	1	4	2	1894

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 2026

Time	Southbound CSAH 17						Westbound Woodland Pkwy						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	2	3	169	0	0	174	0	18	0	5	0	23	1	0	292	25	0	318	0	0	0	0	0	0	515
4:15 PM	2	5	150	0	4	157	0	24	0	3	0	27	2	1	323	28	0	354	0	0	0	0	8	0	538
4:30 PM	2	4	165	0	2	171	0	28	0	4	0	32	2	0	319	33	0	354	0	0	0	0	1	0	557
4:45 PM	3	3	163	0	0	169	0	21	0	2	0	23	0	0	310	41	0	351	0	0	0	1	2	1	544
Hourly Total	9	15	647	0	6	671	0	91	0	14	0	105	5	1	1244	127	0	1377	0	0	0	1	11	1	2154
5:00 PM	3	2	156	0	0	161	0	20	0	3	0	23	0	0	337	33	0	370	0	0	0	0	0	0	554
5:15 PM	2	2	166	0	0	170	0	14	1	4	0	19	0	1	318	31	0	350	0	0	0	0	1	0	539
5:30 PM	2	1	148	0	1	151	0	23	0	4	0	27	0	0	289	24	0	313	0	0	0	0	0	0	491
5:45 PM	0	1	149	3	0	153	0	27	1	1	0	29	1	3	255	28	1	287	0	0	1	0	1	1	470
Hourly Total	7	6	619	3	1	635	0	84	2	12	0	98	1	4	1199	116	1	1320	0	0	1	0	2	1	2054
6:00 PM	1	3	128	0	0	132	0	21	0	4	0	25	0	0	225	27	1	252	0	0	0	0	3	0	409
6:15 PM	5	4	156	0	1	165	0	19	0	1	0	20	0	0	217	21	0	238	0	0	0	0	4	0	423
6:30 PM	1	0	150	0	0	151	0	29	0	4	0	33	1	0	226	24	0	251	0	0	0	0	3	0	435
6:45 PM	1	3	126	1	0	131	0	18	0	4	0	22	1	0	170	24	1	195	0	0	0	2	2	2	350
Hourly Total	8	10	560	1	1	579	0	87	0	13	0	100	2	0	838	96	2	936	0	0	0	2	12	2	1617
7:00 PM	0	1	96	0	0	97	0	17	0	2	0	19	0	0	190	26	0	216	0	2	0	1	2	3	335
7:15 PM	2	4	88	0	0	94	0	9	0	1	0	10	1	0	153	23	0	177	0	0	0	0	1	0	281
7:30 PM	1	1	96	0	1	98	0	18	0	5	0	23	0	0	148	13	0	161	0	2	0	2	2	4	286
7:45 PM	1	3	84	1	0	89	0	9	0	0	0	9	1	0	163	14	0	178	0	1	0	0	1	1	277
Hourly Total	4	9	364	1	1	378	0	53	0	8	0	61	2	0	654	76	0	732	0	5	0	3	6	8	1179
8:00 PM	0	2	101	0	0	103	0	21	0	1	0	22	0	0	137	17	0	154	0	0	0	0	4	0	279
8:15 PM	5	2	68	0	0	75	0	7	0	3	0	10	2	0	161	26	0	189	0	0	0	0	0	0	274
8:30 PM	1	0	57	0	1	58	0	7	0	0	0	7	0	0	129	12	0	141	0	0	0	0	0	0	206
8:45 PM	3	4	61	0	0	68	0	9	0	2	0	11	1	0	115	17	0	133	0	0	0	0	0	0	212
Hourly Total	9	8	287	0	1	304	0	44	0	6	0	50	3	0	542	72	0	617	0	0	0	0	4	0	971
9:00 PM	3	3	59	0	0	65	0	6	0	0	0	6	0	0	124	9	0	133	0	0	0	0	0	0	204
9:15 PM	0	0	45	0	0	45	0	7	0	0	0	7	0	0	117	12	0	129	0	0	0	0	0	0	181
9:30 PM	3	1	54	0	0	58	0	7	0	0	0	7	0	0	105	6	0	111	0	0	0	0	0	0	176
9:45 PM	0	0	37	0	0	37	0	4	0	1	0	5	0	0	92	7	0	99	0	0	0	0	0	0	141
Hourly Total	6	4	195	0	0	205	0	24	0	1	0	25	0	0	438	34	0	472	0	0	0	0	0	0	702
10:00 PM	0	0	39	0	0	39	0	1	0	0	0	1	0	0	59	8	0	67	0	0	0	0	0	0	107
10:15 PM	0	1	28	0	0	29	0	1	0	1	0	2	0	0	72	4	0	76	0	0	0	0	0	0	107
10:30 PM	0	1	39	0	0	40	0	3	0	0	0	3	0	0	48	14	0	62	0	0	0	0	0	0	105
10:45 PM	0	0	19	0	0	19	0	1	0	1	0	2	0	0	55	1	0	56	0	0	0	0	0	0	77
Hourly Total	0	2	125	0	0	127	0	6	0	2	0	8	0	0	234	27	0	261	0	0	0	0	0	0	396
11:00 PM	1	0	15	0	0	16	0	1	0	0	0	1	0	0	43	4	0	47	0	0	0	0	0	0	64
11:15 PM	0	0	18	0	0	18	0	0	0	0	0	0	0	0	47	1	0	48	0	0	0	0	0	0	66
11:30 PM	0	0	10	0	0	10	0	1	0	0	0	1	0	0	33	1	0	34	0	0	0	0	0	0	45
11:45 PM	0	0	10	0	0	10	0	0	0	0	0	0	0	0	28	0	0	28	0	0	0	0	0	0	38
Hourly Total	1	0	53	0	0	54	0	2	0	0	0	2	0	0	151	6	0	157	0	0	0	0	0	0	213
DAILY TOTAL	86	110	10685	16	16	10897	1	1184	3	128	2	1316	25	14	10509	1000	6	11548	0	13	1	20	55	34	23795
Cars	86	105	10584	15	7	10790	1	1177	3	126	1	1307	25	14	10396	994	4	11429	0	13	1	19	16	33	23559
Heavy Vehicles	0	5	101	1	9	107	0	7	0	2	1	9	0	0	113	6	2	119	0	0	0	1	39	1	236
Heavy Vehicle %	0.00%	4.55%	0.95%	6.25%	56.25%	0.98%	0.00%	0.59%	0.00%	1.56%	50.00%	0.68%	0.00%	0.00%	1.08%	0.60%	33.33%	1.03%	0.00%	0.00%	0.00%	5.00%	70.91%	2.94%	0.99%

**TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 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							
7:00 AM	1	0	323	0	0	324	0	36	0	1	0	37	1	0	75	1	0	77	0	0	0	0	0	0	0	0	0	0	0	0	438
7:15 AM	1	0	372	1	0	374	0	40	0	4	1	44	0	0	57	8	0	65	0	1	0	1	0	2	0	0	0	0	0	0	485
7:30 AM	1	1	368	1	0	371	0	52	0	5	0	57	0	0	73	9	1	82	0	0	0	0	0	0	0	0	0	0	0	0	510
7:45 AM	0	1	298	0	0	299	0	38	0	2	0	40	3	0	77	11	0	91	0	0	0	0	0	0	0	0	0	0	0	0	430
Peak Hour Total	3	2	1361	2	0	1368	0	166	0	12	1	178	4	0	282	29	1	315	0	1	0	1	0	2	0	0	0	0	0	2	1863
Peak Hour Heavy Vehicle	0	0	11	1	0	12	0	1	0	0	0	1	0	0	16	0	0	16	0	0	0	1	0	1	0	0	0	0	0	1	30
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.81%	50.00%	0.00%	0.88%	0.00%	0.60%	0.00%	0.00%	0.00%	0.56%	0.00%	0.00%	5.67%	0.00%	0.00%	5.08%	0.00%	0.00%	0.00%	100.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.250	0.000	0.250	1.61%

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							
12:00 PM	2	3	126	0	0	131	0	14	0	0	0	14	0	0	132	13	0	145	0	2	0	0	0	2	0	0	0	0	0	2	292
12:15 PM	1	0	128	0	0	129	0	11	0	1	0	12	0	0	135	11	0	146	0	0	0	1	0	1	0	0	0	0	0	1	288
12:30 PM	4	3	151	0	0	158	0	8	1	2	0	11	1	0	135	6	0	142	0	1	0	0	0	1	0	0	0	0	0	1	312
12:45 PM	0	0	145	0	2	145	0	10	0	0	0	10	1	0	119	12	0	132	0	0	0	1	1	1	0	0	0	0	0	1	288
Peak Hour Total	7	6	550	0	2	563	0	43	1	3	0	47	2	0	521	42	0	565	0	3	0	2	1	5	0	0	0	0	0	5	1180
Peak Hour Heavy Vehicle	0	0	8	0	1	8	0	1	0	0	0	1	0	0	14	0	1	14	0	0	0	0	0	1	0	0	0	0	0	1	23
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	1.45%	0.00%	50.00%	1.42%	0.00%	2.33%	0.00%	0.00%	0.00%	2.13%	0.00%	0.00%	2.69%	0.00%	0.00%	2.48%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.500	0.000	0.625	1.95%

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							
4:30 PM	2	4	165	0	2	171	0	28	0	4	0	32	2	0	319	33	0	354	0	0	0	0	1	0	0	0	0	0	1	0	557
4:45 PM	3	3	163	0	0	169	0	21	0	2	0	23	0	0	310	41	0	351	0	0	0	1	2	1	0	0	0	0	2	1	544
5:00 PM	3	2	156	0	0	161	0	20	0	3	0	23	0	0	337	33	0	370	0	0	0	0	0	0	0	0	0	0	0	0	539
5:15 PM	2	2	166	0	0	170	0	14	1	4	0	19	0	1	318	31	0	350	0	0	0	0	1	0	0	0	0	0	1	0	539
Peak Hour Total	10	11	650	0	2	671	0	83	1	13	0	97	2	1	1284	138	0	1425	0	0	0	1	4	1	0	0	0	0	4	1	2194
Peak Hour Heavy Vehicle	0	0	7	0	2	7	0	0	0	0	0	0	0	0	3	1	2	4	0	0	0	0	0	2	0	0	0	0	2	0	11
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	1.08%	0.00%	100.00%	1.04%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23%	0.72%	0.00%	0.28%	0.00%	0.00%	0.00%	0.00%	50.00%	0.00%	0.00%	0.00%	0.00%	0.250	0.500	0.250	0.50%

Total Vehicles On Leg		21633				
Vehicles Entering Intersection		10897		Vehicles Exiting Intersection		10736
		Southbound				
Cars	15	10584	105	86	7	
Heavy	1	101	5	0	9	
Total	16	10685	110	86	16	

Total Vehicles on Leg 67	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	34		16	39	55
	Vehicles Exiting Intersection		0	0	0
	33		13	0	13
			1	0	1
			19	1	20

Daily Volumes

		Northbound				
Cars	4	25	14	10396	994	
Heavy	2	0	0	113	6	
Total	6	25	14	10509	1000	
Vehicles Entering Intersection		11548		Vehicles Exiting Intersection		11914
Total Vehicles On Leg		23462				

Total Vehicles on Leg 2428	Westbound	Vehicles Entering Intersection	1316	
		3	0	3
		1177	7	1184
		Vehicles Exiting Intersection	1112	
		1	0	1
		1	1	2

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy Woodland Pkwy						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	1	0	0	0	0	0	0	0	0	0	1
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
12:30 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	1
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
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
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
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
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
1:45 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
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
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
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
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
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
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
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
3:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
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
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
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
4:00 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	1
4:15 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	1
4:30 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
4:45 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
Hourly 'Heavy Vehicles'	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	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	0	0	0	0	0	0
5:15 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
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
5:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	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	0	0	0	0	0	0	0	1
6:00 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3
6:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
6:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
6:45 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	1
Hourly 'Heavy Vehicles'	0	0	5	0	0	5	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	9
7:00 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	10
7:15 AM	0	0	1	1	0	2	0	1	0	0	0	1	0	0	8	0	0	0	0	0	0	1	0	1	12
7:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7:45 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6
Hourly 'Heavy Vehicles'	0	0	11	1	0	12	0	1	0	0	0	1	0	0	16	0	0	0	0	0	0	1	0	1	30

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine Minnesota
Tuesday, April 21, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy Woodland Pkwy						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	0	6	0	0	6	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0	0	0	0	12
8:15 AM	0	1	2	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	5
8:30 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	8
8:45 AM	0	1	1	0	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	2	13	0	0	15	0	0	0	0	0	0	0	0	12	0	0	0	12	0	0	0	0	0	0	27
9:00 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
9:15 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	5
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	3
9:45 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	0	2	0	0	0	0	1	0	3
Hourly 'Heavy Vehicles'	0	0	4	0	0	4	0	1	0	0	0	1	0	0	7	0	0	0	7	0	0	0	0	1	0	12
10:00 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	1	0	7
10:15 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	5
10:30 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	4
10:45 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	5
Hourly 'Heavy Vehicles'	0	0	11	0	0	11	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	1	0	21
11:00 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
11:15 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	4
11:30 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	3	0	3
11:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	1	0	3
Hourly 'Heavy Vehicles'	0	0	6	0	0	6	0	0	0	0	0	0	0	0	6	0	0	0	6	0	0	0	0	4	0	12
12:00 PM	0	0	1	0	0	1	0	1	0	0	0	1	0	0	2	0	0	0	2	0	0	0	0	0	0	4
12:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	6
12:30 PM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	8
12:45 PM	0	0	2	0	1	2	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	1	0	5
Hourly 'Heavy Vehicles'	0	0	8	0	1	8	0	1	0	0	0	1	0	0	14	0	0	0	14	0	0	0	0	1	0	23
1:00 PM	0	1	1	0	0	2	0	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0	4
1:15 PM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	6
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	4	0	0	0	0	0	0	4
1:45 PM	0	1	2	0	0	3	0	1	0	0	0	1	0	0	2	1	0	0	3	0	0	0	0	0	0	7
Hourly 'Heavy Vehicles'	0	2	7	0	0	9	0	1	0	0	1	1	0	0	9	2	0	0	11	0	0	0	0	0	0	21
2:00 PM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	6
2:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	3
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	2	0	3
2:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	1	0	3
Hourly 'Heavy Vehicles'	0	0	7	0	0	7	0	0	0	0	0	0	0	0	8	0	0	0	8	0	0	0	0	4	0	15
3:00 PM	0	0	1	0	2	1	0	1	0	0	0	1	0	0	5	1	0	0	6	0	0	0	0	0	0	8
3:15 PM	0	0	2	0	0	2	0	1	0	0	0	1	0	0	3	0	0	0	3	0	0	0	0	2	0	6
3:30 PM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	6
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	0	6	0	2	6	0	2	0	0	0	2	0	0	13	2	0	0	15	0	0	0	0	2	0	23

TMC 2621 - CSAH 17 @ Woodland Pkwy
Blaine, Minnesota

Tuesday, April 21, 2026

Time	Southbound Heavy CSAH 17						Westbound Heavy Woodland Pkwy						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	0	2	0	0	2	0	0	0	1	0	1	0	0	1	1	0	2	0	0	0	0	0	0	5
4:15 PM	0	1	2	0	3	3	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	7	0	5
4:30 PM	0	0	1	0	2	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
4:45 PM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	1	0	6
Hourly 'Heavy Vehicles'	0	1	9	0	5	10	0	1	0	2	0	3	0	0	3	2	0	5	0	0	0	0	8	0	18
5:00 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
5:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 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
Hourly 'Heavy Vehicles'	0	0	3	0	1	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	4
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
6:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
6:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	9	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	1
7:15 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
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	1	0	0
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	5	0	1
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	3	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
8:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
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
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	3	0	3
9:00 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	1
9:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9:30 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
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
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
10:00 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	1
10:15 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	1
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
10:45 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
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
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	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
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
11:45 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
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
DAILY 'Heavy Vehicles'	0	5	101	1	9	107	0	7	0	2	1	9	0	0	113	6	2	119	0	0	0	1	39	1	236

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2621

Study Date : 06/11/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 17

Number of Lanes : 2+

Total Approach Volume: 11,548

Southbound: CSAH 17

Number of Lanes :2+

Total Approach Volume: 10,897

Minor Street Approaches

Eastbound: Parking Lot

Number of Lanes :1

Total Approach Volume: 34

Westbound: Woodland Pkwy

Number of Lanes :1

Total Approach Volume: 1,188

Warrant Summary (Rural Values Apply)

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

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

Required volumes reached for 11 hours, 8 are needed

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

Required volumes reached for 16 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 17 hours, 8 are needed

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

Number of hours (11) 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: 2621

Study Date : 06/11/2026

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

16 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	
	CSAH 17					Parking Lot		
16:00 - 17:00	1377	+	671	=	2048	1	91	Yes
17:00 - 18:00	1320	+	635	=	1955	1	86	Yes
15:00 - 16:00	1290	+	528	=	1818	2	69	Yes
07:00 - 08:00	315	+	1368	=	1683	2	166	Yes
18:00 - 19:00	936	+	579	=	1515	2	87	Yes
14:00 - 15:00	899	+	522	=	1421	1	57	Yes
08:00 - 09:00	330	+	987	=	1317	0	86	Yes
09:00 - 10:00	403	+	732	=	1135	1	66	Yes
12:00 - 13:00	565	+	563	=	1128	5	44	Yes
19:00 - 20:00	732	+	378	=	1110	8	53	Yes
06:00 - 07:00	184	+	917	=	1101	0	80	Yes
13:00 - 14:00	588	+	502	=	1090	1	48	Yes
11:00 - 12:00	463	+	550	=	1013	7	71	Yes
10:00 - 11:00	406	+	539	=	945	3	61	Yes
20:00 - 21:00	617	+	304	=	921	0	44	Yes
05:00 - 06:00	55	+	461	=	516	0	34	Yes
21:00 - 22:00	472	+	205	=	677	0	24	No
21:15 - 22:15	406	+	179	=	585	0	19	No
21:30 - 22:30	353	+	163	=	516	0	13	No
21:45 - 22:45	304	+	145	=	449	0	9	No
04:45 - 05:45	34	+	376	=	410	0	27	No
22:00 - 23:00	261	+	127	=	388	0	6	No
22:15 - 23:15	241	+	104	=	345	0	6	No
04:30 - 05:30	27	+	282	=	309	0	19	No
22:30 - 23:30	213		93		306	0	5	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2621

Study Date : 06/11/2026

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.
17 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	1429	+	658	=	2087	1	93	Yes
15:15 - 16:15	1338	+	576	=	1914	2	71	Yes
17:15 - 18:15	1202	+	606	=	1808	1	87	Yes
07:30 - 08:30	339	+	1220	=	1559	0	138	Yes
14:15 - 15:15	997	+	518	=	1515	1	60	Yes
06:30 - 07:30	253	+	1240	=	1493	2	128	Yes
18:15 - 19:15	900	+	544	=	1444	5	83	Yes
08:30 - 09:30	372	+	832	=	1204	0	76	Yes
13:15 - 14:15	608	+	503	=	1111	1	56	Yes
11:30 - 12:30	523	+	535	=	1058	8	64	Yes
19:15 - 20:15	670	+	384	=	1054	5	57	Yes
09:30 - 10:30	408	+	626	=	1034	4	60	Yes

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?
16:45 - 17:45	1384	+	651	=	2035	1	79	Yes
15:45 - 16:45	1379	+	634	=	2013	2	81	Yes
14:45 - 15:45	1200	+	516	=	1716	1	75	Yes
17:45 - 18:45	1028	+	601	=	1629	1	97	Yes
06:45 - 07:45	285	+	1342	=	1627	2	156	Yes
07:45 - 08:45	339	+	1078	=	1417	0	103	Yes
13:45 - 14:45	795	+	531	=	1326	1	56	Yes
18:45 - 19:45	749	+	420	=	1169	9	62	Yes
08:45 - 09:45	383	+	767	=	1150	0	75	Yes
11:45 - 12:45	549	+	548	=	1097	6	49	Yes
12:45 - 13:45	561	+	518	=	1079	1	42	Yes
10:45 - 11:45	448	+	548	=	996	5	68	Yes

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2621

Study Date : 06/11/2026

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.

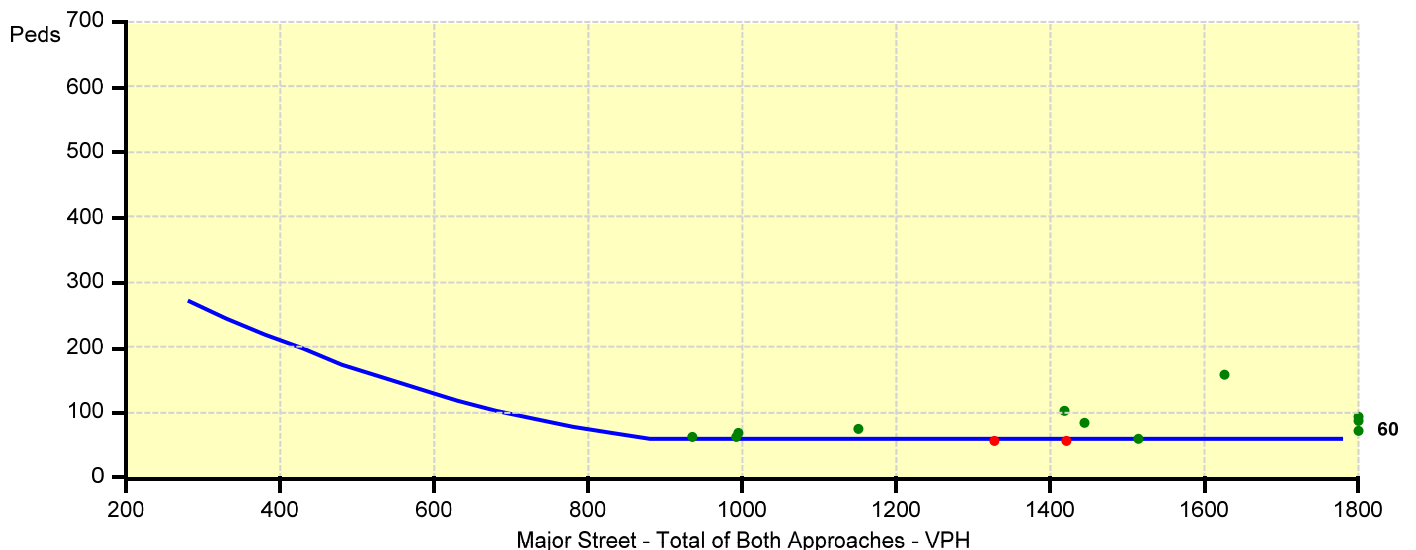
Summary

11 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	
16:15 - 17:15	1429	+	658	=	2087	1	93	Yes
15:15 - 16:15	1338	+	576	=	1914	2	71	Yes
17:15 - 18:15	1202	+	606	=	1808	1	87	Yes
06:45 - 07:45	285	+	1342	=	1627	2	156	Yes
14:15 - 15:15	997	+	518	=	1515	1	60	Yes
18:15 - 19:15	900	+	544	=	1444	5	83	Yes
07:45 - 08:45	339	+	1078	=	1417	0	103	Yes
08:45 - 09:45	383	+	767	=	1150	0	75	Yes
10:45 - 11:45	448	+	548	=	996	5	68	Yes
09:45 - 10:45	407	+	584	=	991	4	61	Yes
05:45 - 06:45	150	+	784	=	934	0	62	Yes
14:00 - 15:00	899		522		1421	1	57	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: 2621

Study Date : 06/11/2026

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

22 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	
16:30 - 17:30	1425	+	671	=	2096	1	84	Yes
16:15 - 17:15	1429	+	658	=	2087	1	93	Yes
16:00 - 17:00	1377	+	671	=	2048	1	91	Yes
16:45 - 17:45	1384	+	651	=	2035	1	79	Yes
15:45 - 16:45	1379	+	634	=	2013	2	81	Yes
17:00 - 18:00	1320	+	635	=	1955	1	86	Yes
17:15 - 18:15	1202	+	606	=	1808	1	87	Yes
14:45 - 15:45	1200	+	516	=	1716	1	75	Yes
17:30 - 18:30	1090	+	601	=	1691	1	91	Yes
07:00 - 08:00	315	+	1368	=	1683	2	166	Yes
07:15 - 08:15	321	+	1337	=	1658	2	152	Yes
17:45 - 18:45	1028		601		1629	1	97	Yes

