

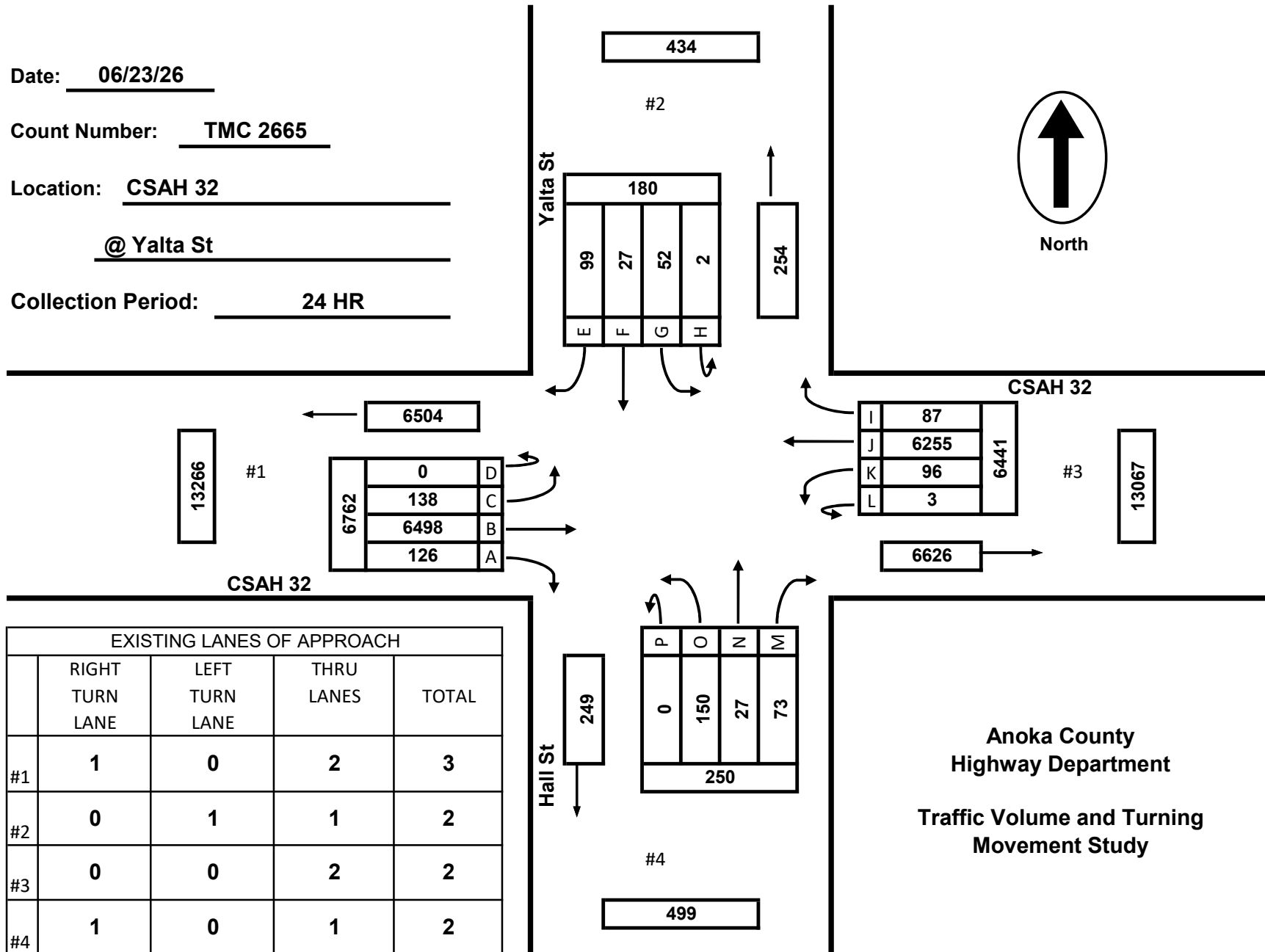
Date: 06/23/26

Count Number: TMC 2665

Location: CSAH 32

@ Yalta St

Collection Period: 24 HR



Date: 06/23/26

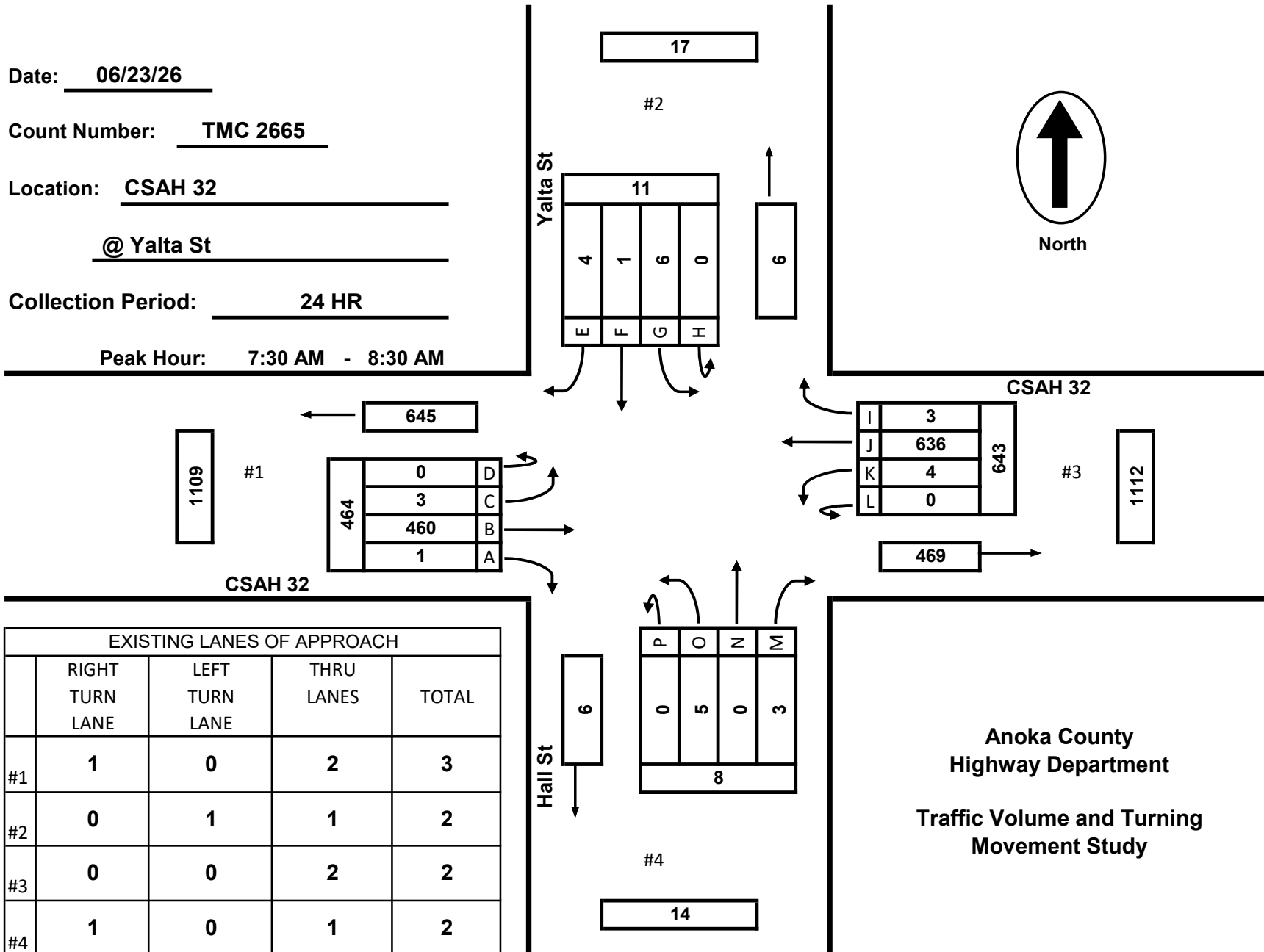
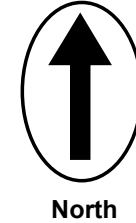
Count Number: TMC 2665

Location: CSAH 32

@ Yalta St

Collection Period: 24 HR

Peak Hour: 7:30 AM - 8:30 AM



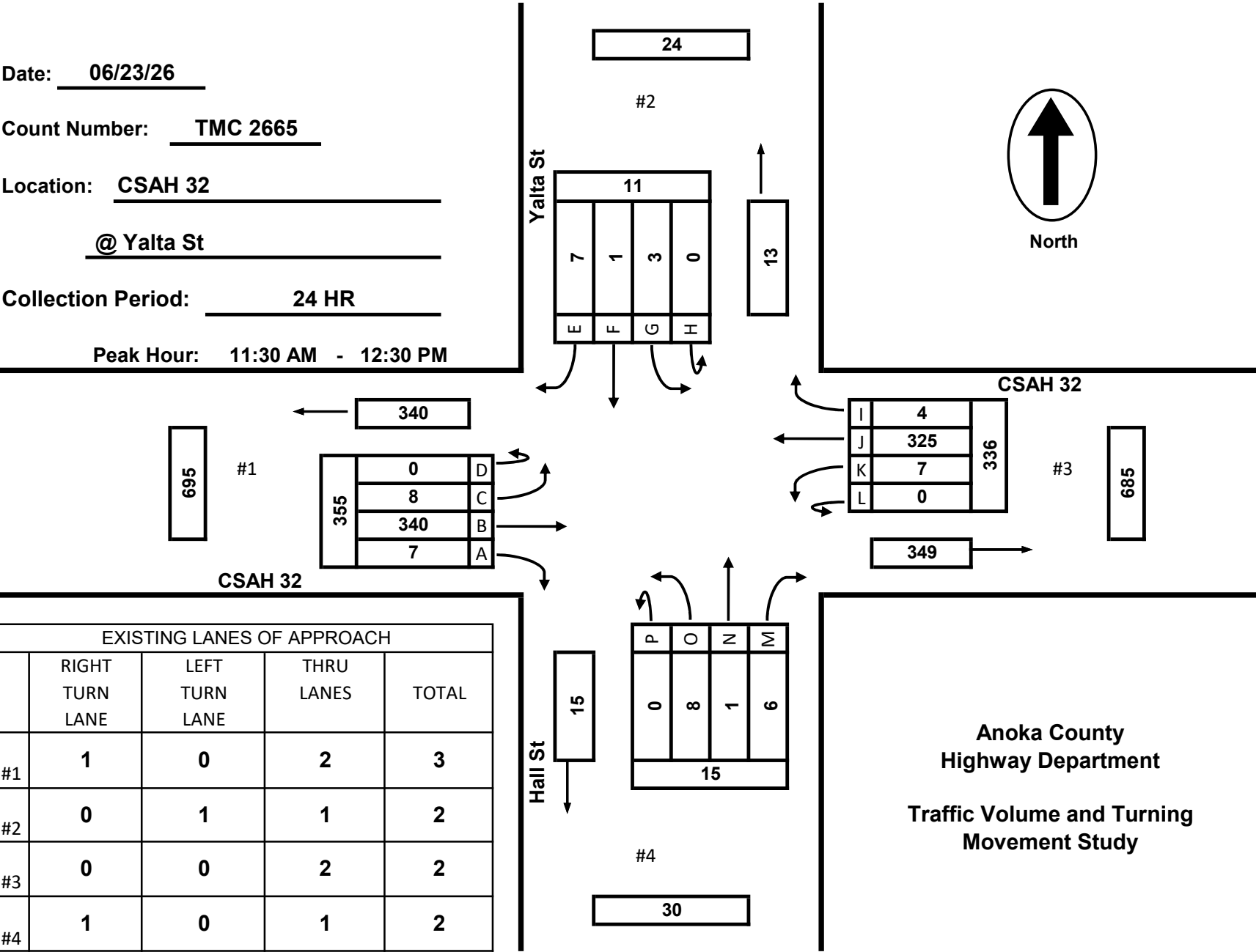
Date: 06/23/26

Count Number: TMC 2665

Location: CSAH 32
@ Yalta St

Collection Period: 24 HR

Peak Hour: 11:30 AM - 12:30 PM



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 06/23/26

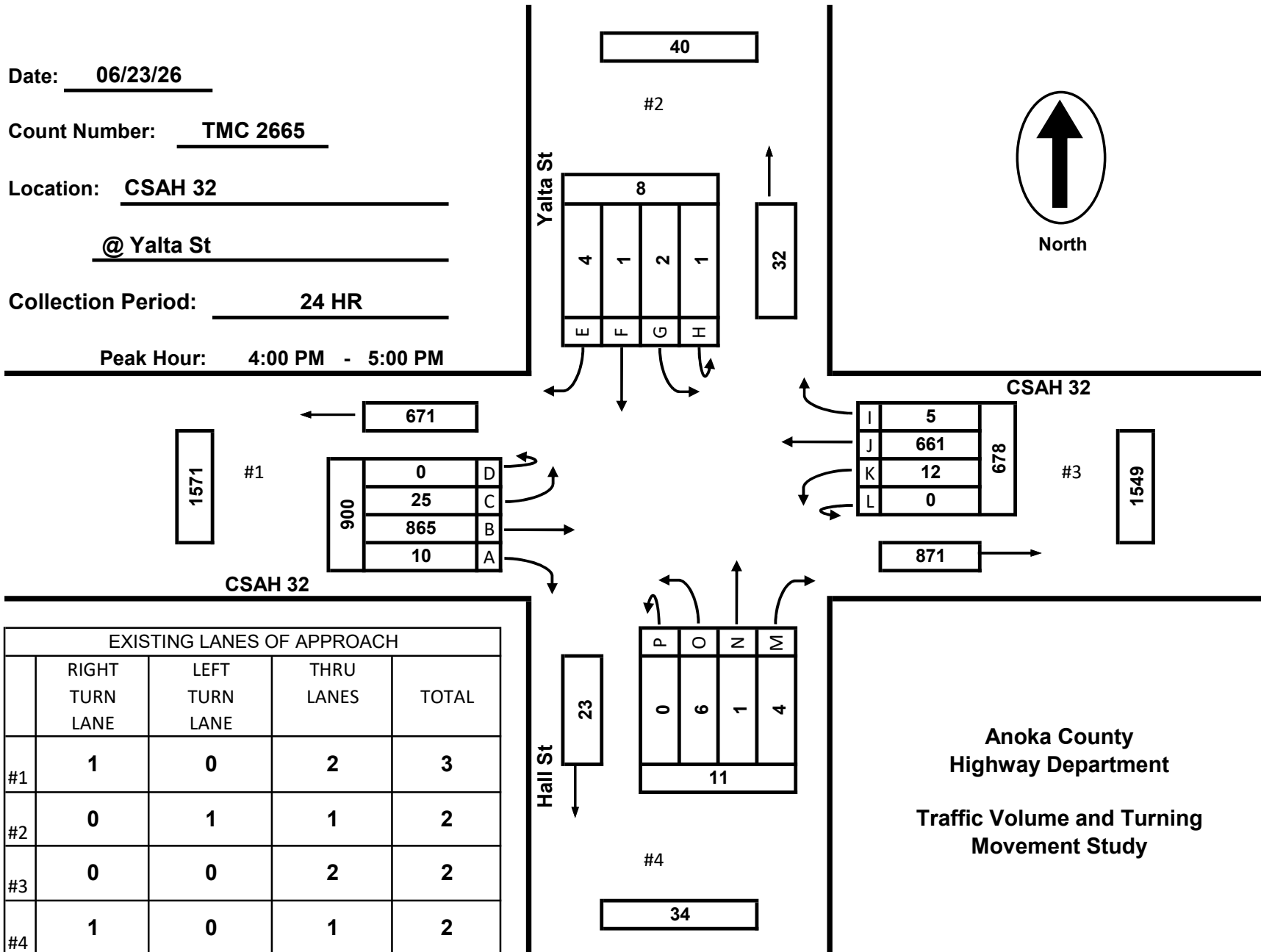
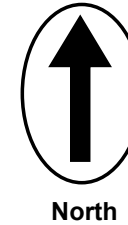
Count Number: TMC 2665

Location: CSAH 32

@ Yalta St

Collection Period: 24 HR

Peak Hour: 4:00 PM - 5:00 PM



TMC 2665 - CSAH 32 @ Yalta St
Cirice Pines MN
Tuesday, June 23, 2026

	Southbound Yalta St						Westbound CSAH 32						Northbound Hall St						Eastbound CSAH 32						VEHICLE TOTAL	
Time	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	2	0	2	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	10	0	0	14	19
12:15 AM	0	0	0	1	0	1	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	14	0	0	14	19
12:30 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	8	1	0	0	9	10
12:45 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	1	12	0	0	13	18
Hourly Total	0	0	0	3	0	3	0	0	13	0	0	13	0	0	0	0	0	0	0	0	5	44	1	0	50	66
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	11
1:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	3	1	0	4	7
1:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0	0	2	3
1:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	6	0	0	8	10
Hourly Total	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	0	0	0	1	0	2	22	1	0	25	31
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	5	0	0	5	6
2:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	5	0	0	5	6
2:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	3	1	0	4	6
2:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	8	1	0	10	14
Hourly Total	0	0	0	0	0	0	0	0	7	0	0	7	0	1	0	0	0	0	1	0	1	21	2	0	24	32
3:00 AM	0	0	0	1	0	1	0	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	1	3
3:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	1	0	0	1	6
3:45 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	2	0	0	0	0	2	0	0	3	0	0	3	8
Hourly Total	0	0	0	1	0	1	0	1	13	0	0	14	0	2	0	0	0	0	2	0	0	5	0	0	5	22
4:00 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	1	0	0	0	0	1	0	0	6	0	0	6	15
4:15 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	0	4	0	0	4	12
4:30 AM	0	0	0	0	0	0	0	0	13	0	0	13	0	1	0	0	0	0	1	0	0	8	0	0	8	22
4:45 AM	0	0	0	1	0	1	0	0	20	0	0	20	0	2	0	0	0	0	2	0	0	9	0	0	9	32
Hourly Total	0	0	0	1	0	1	0	0	49	0	0	49	0	4	0	0	0	0	4	0	0	27	0	0	27	81
5:00 AM	0	0	0	0	0	0	0	0	28	0	0	28	0	3	0	2	0	5	0	0	9	0	0	0	9	42
5:15 AM	0	0	0	1	0	1	0	0	29	0	0	29	0	3	0	1	0	4	0	0	17	0	0	0	17	51
5:30 AM	0	0	0	1	0	1	0	0	51	0	0	51	0	0	0	1	2	1	0	1	24	0	0	0	25	78
5:45 AM	0	0	0	1	0	1	0	0	52	0	0	52	0	2	0	1	0	3	0	0	35	0	0	0	35	91
Hourly Total	0	0	0	3	0	3	0	0	160	0	0	160	0	8	0	5	2	13	0	1	85	0	0	0	86	262
6:00 AM	0	1	0	1	0	2	0	0	52	0	0	52	0	5	0	2	0	7	0	0	40	1	0	0	41	102
6:15 AM	0	0	0	2	1	2	0	0	66	0	1	66	0	4	0	0	1	4	0	0	39	0	0	0	39	111
6:30 AM	0	0	0	0	0	0	0	0	119	0	0	119	0	10	0	2	0	12	0	1	58	0	0	0	59	190
6:45 AM	0	1	0	5	0	6	0	0	142	0	0	142	0	1	0	0	2	1	0	1	58	1	0	0	60	209
Hourly Total	0	2	0	8	1	10	0	0	379	0	1	379	0	20	0	4	3	24	0	2	195	2	0	0	199	612
7:00 AM	0	1	0	0	0	1	0	1	123	1	0	125	0	1	0	1	0	2	0	1	51	1	0	0	53	181
7:15 AM	0	0	0	1	1	1	0	0	153	2	1	155	0	5	0	3	0	8	0	1	89	0	0	0	90	254
7:30 AM	0	1	0	2	2	3	0	0	153	1	0	154	0	2	0	0	0	2	0	0	111	0	0	0	111	270
7:45 AM	0	1	0	1	0	2	0	0	188	0	0	188	0	0	0	0	0	0	0	0	135	1	0	0	136	326
Hourly Total	0	3	0	4	3	7	0	1	617	4	1	622	0	8	0	4	0	12	0	2	386	2	0	0	390	1031

TMC 2665 - CSAH 32 @ Yalta St
Circe Pines MN
Tuesday, June 23, 2026

Time	Southbound Yalta St						Westbound CSAH 32						Northbound Hall St						Eastbound CSAH 32						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	1	0	1	0	2	0	1	144	0	0	145	0	1	0	1	3	2	0	2	102	0	0	104	253
8:15 AM	0	3	1	0	0	4	0	3	151	2	0	156	0	2	0	2	0	4	0	1	112	0	0	113	277
8:30 AM	0	3	0	3	1	6	0	0	150	1	0	151	0	3	0	0	1	3	0	1	88	2	0	91	251
8:45 AM	0	3	0	1	0	4	0	0	110	0	0	110	0	4	0	2	1	6	0	1	90	4	0	95	215
Hourly Total	0	10	1	5	1	16	0	4	555	3	0	562	0	10	0	5	5	15	0	5	392	6	0	403	996
9:00 AM	0	1	0	0	0	1	0	1	112	0	0	113	0	0	1	0	0	1	0	4	61	0	0	65	180
9:15 AM	0	2	1	4	0	7	0	2	100	3	0	105	0	0	1	0	0	1	0	1	63	0	0	64	177
9:30 AM	0	1	0	2	0	3	0	0	87	0	0	87	0	4	0	1	3	5	0	0	69	1	0	70	165
9:45 AM	0	0	0	4	0	4	0	1	94	1	0	96	0	2	3	1	2	6	0	0	72	3	0	75	181
Hourly Total	0	4	1	10	0	15	0	4	393	4	0	401	0	6	5	2	5	13	0	5	265	4	0	274	703
10:00 AM	0	0	2	1	0	3	0	0	68	0	0	68	0	1	1	0	1	2	0	3	44	0	0	47	120
10:15 AM	0	1	1	2	0	4	0	1	60	1	0	62	0	2	0	1	1	3	0	1	59	0	0	60	129
10:30 AM	0	1	0	1	1	2	0	1	80	0	2	81	0	2	0	2	0	4	0	0	70	4	0	74	161
10:45 AM	0	1	0	1	0	2	0	1	91	0	0	92	0	5	0	0	0	5	0	1	67	2	0	70	169
Hourly Total	0	3	3	5	1	11	0	3	299	1	2	303	0	10	1	3	2	14	0	5	240	6	0	251	579
11:00 AM	0	0	0	1	0	1	0	1	71	0	0	72	0	1	1	1	1	3	0	0	88	0	0	88	164
11:15 AM	0	0	0	2	1	2	0	1	57	1	2	59	0	2	0	0	2	2	0	0	67	3	1	70	133
11:30 AM	0	1	0	1	0	2	0	1	92	0	0	93	0	1	0	3	2	4	0	3	84	1	0	88	187
11:45 AM	0	1	0	2	0	3	0	0	70	2	0	72	0	3	1	0	1	4	0	1	86	1	0	88	167
Hourly Total	0	2	0	6	1	8	0	3	290	3	2	296	0	7	2	4	6	13	0	4	325	5	1	334	651
12:00 PM	0	0	1	2	0	3	0	3	74	1	0	78	0	0	0	1	0	1	0	0	81	0	0	81	163
12:15 PM	0	1	0	2	0	3	0	3	89	1	0	93	0	4	0	2	1	6	0	4	89	5	0	98	200
12:30 PM	0	0	0	0	1	0	1	3	81	2	0	87	0	2	0	0	1	2	0	2	82	3	0	87	176
12:45 PM	0	1	1	2	0	4	0	2	67	2	0	71	0	3	0	2	0	5	0	2	79	1	0	82	162
Hourly Total	0	2	2	6	1	10	1	11	311	6	0	329	0	9	0	5	2	14	0	8	331	9	0	348	701
1:00 PM	0	0	0	2	0	2	0	1	84	1	0	86	0	1	0	1	1	2	0	1	83	2	0	86	176
1:15 PM	0	1	0	1	0	2	0	0	63	0	1	63	0	3	1	0	2	4	0	1	98	2	0	101	170
1:30 PM	0	2	1	0	0	3	0	0	85	4	0	89	0	4	0	1	0	5	0	1	79	2	0	82	179
1:45 PM	0	0	2	2	0	4	0	4	56	0	0	60	0	0	0	2	0	2	0	2	93	4	0	99	165
Hourly Total	0	3	3	5	0	11	0	5	288	5	1	298	0	8	1	4	3	13	0	5	353	10	0	368	690
2:00 PM	0	0	1	2	0	3	0	2	85	0	0	87	0	2	0	0	0	2	0	2	113	2	0	117	209
2:15 PM	0	0	1	0	0	1	0	2	85	3	0	90	0	3	1	1	0	5	0	2	122	3	0	127	223
2:30 PM	0	0	0	2	0	2	0	1	86	2	0	89	0	4	0	0	0	4	0	0	131	2	0	133	228
2:45 PM	0	2	0	2	0	4	0	1	103	2	0	106	0	4	0	2	0	6	0	4	138	8	0	150	266
Hourly Total	0	2	2	6	0	10	0	6	359	7	0	372	0	13	1	3	0	17	0	8	504	15	0	527	926
3:00 PM	0	0	0	2	0	2	0	2	118	1	0	121	0	1	1	1	1	3	0	5	160	2	0	167	293
3:15 PM	0	3	0	1	0	4	0	1	134	2	0	137	0	0	1	0	0	1	0	2	176	3	0	181	323
3:30 PM	0	0	0	2	0	2	0	0	136	6	0	142	0	5	0	4	0	9	0	2	197	3	0	202	355
3:45 PM	0	0	0	2	0	2	1	4	132	4	0	141	0	1	1	1	0	3	0	3	168	3	0	174	320
Hourly Total	0	3	0	7	0	10	1	7	520	13	0	541	0	7	3	6	1	16	0	12	701	11	0	724	1291

TMC 2665 - CSAH 32 @ Yalta St
Circe Pines MN
Tuesday, June 23, 2026

Time	Southbound Yalta St						Westbound CSAH 32						Northbound Hall St						Eastbound CSAH 32						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	0	0	1	0	1	0	4	193	1	0	198	0	2	0	2	0	4	0	5	237	1	0	243	446
4:15 PM	0	2	0	0	0	2	0	4	199	1	0	204	0	2	0	0	0	2	0	4	207	2	0	213	421
4:30 PM	0	0	1	2	0	3	0	2	134	2	0	138	0	1	1	0	0	2	0	6	212	5	0	223	366
4:45 PM	1	0	0	1	0	2	0	2	135	1	0	138	0	1	0	2	0	3	0	10	209	2	0	221	364
Hourly Total	1	2	1	4	0	8	0	12	661	5	0	678	0	6	1	4	0	11	0	25	865	10	0	900	1597
5:00 PM	0	2	0	2	0	4	1	0	194	5	0	200	0	1	1	2	0	4	0	5	172	7	0	184	392
5:15 PM	0	1	3	1	0	5	0	2	198	3	0	203	0	2	1	1	0	4	0	3	170	1	0	174	386
5:30 PM	0	2	2	1	0	5	0	3	164	7	0	174	0	0	1	1	0	2	0	4	166	1	0	171	352
5:45 PM	0	0	1	3	0	4	0	3	116	1	0	120	0	2	0	2	0	4	0	2	158	2	0	162	290
Hourly Total	0	5	6	7	0	18	1	8	672	16	0	697	0	5	3	6	0	14	0	14	666	11	0	691	1420
6:00 PM	0	0	0	0	0	0	0	2	71	1	0	74	0	3	1	2	1	6	0	1	116	5	0	122	202
6:15 PM	0	0	1	3	0	4	0	2	49	2	0	53	0	1	0	2	0	3	0	2	103	0	0	105	165
6:30 PM	0	0	1	1	0	2	0	1	60	2	0	63	0	0	0	0	0	0	0	3	81	1	0	85	150
6:45 PM	0	0	0	3	1	3	0	3	40	0	0	43	0	2	0	1	1	3	0	3	66	0	0	69	118
Hourly Total	0	0	2	7	1	9	0	8	220	5	0	233	0	6	1	5	2	12	0	9	366	6	0	381	635
7:00 PM	0	0	0	0	1	0	0	2	41	3	0	46	0	0	0	3	0	3	0	1	64	0	0	65	114
7:15 PM	0	2	1	1	0	4	0	0	49	0	0	49	0	2	0	0	2	2	0	2	61	3	1	66	121
7:30 PM	0	0	0	0	1	0	0	1	34	0	1	35	0	2	1	0	0	3	0	1	52	2	0	55	93
7:45 PM	0	4	0	0	0	4	0	2	30	1	0	33	0	3	1	0	0	4	0	0	44	2	0	46	87
Hourly Total	0	6	1	1	2	8	0	5	154	4	1	163	0	7	2	3	2	12	0	4	221	7	1	232	415
8:00 PM	0	1	1	1	0	3	0	0	27	0	0	27	0	2	1	0	1	3	0	0	50	3	0	55	88
8:15 PM	0	0	1	1	0	2	0	1	33	1	0	35	0	3	1	0	1	4	0	0	52	0	0	50	91
8:30 PM	0	1	0	0	1	1	0	2	32	0	0	34	0	1	0	1	0	2	0	2	39	1	0	42	79
8:45 PM	0	0	0	0	0	0	0	3	32	1	0	36	0	1	0	1	1	2	0	0	52	3	0	55	93
Hourly Total	0	2	2	2	1	6	0	6	124	2	0	132	0	7	2	2	3	11	0	2	193	7	0	202	351
9:00 PM	0	1	0	2	0	3	0	2	19	0	0	21	0	1	1	1	0	3	0	1	41	1	0	43	70
9:15 PM	1	0	0	0	0	1	0	2	28	2	0	32	0	0	2	1	0	3	0	4	39	1	0	44	80
9:30 PM	0	0	0	2	0	2	0	2	26	0	0	28	0	0	1	2	0	3	0	0	27	1	0	28	61
9:45 PM	0	0	1	1	0	2	0	1	10	2	1	13	0	2	1	3	0	6	0	0	22	0	0	22	43
Hourly Total	1	1	1	5	0	8	0	7	83	4	1	94	0	3	5	7	0	15	0	5	129	3	0	137	254
10:00 PM	0	0	2	0	0	2	0	0	22	1	0	23	0	1	0	1	0	2	0	1	22	1	0	24	51
10:15 PM	0	1	0	0	0	1	0	2	10	2	0	14	0	1	0	0	0	1	0	0	38	1	0	39	55
10:30 PM	0	0	0	0	0	0	0	2	13	0	0	15	0	0	0	0	0	0	0	2	20	1	0	23	38
10:45 PM	0	0	0	0	0	0	0	1	11	0	0	12	0	0	0	0	0	0	0	3	24	2	0	29	41
Hourly Total	0	1	2	0	0	3	0	5	56	3	0	64	0	2	0	1	0	3	0	6	104	5	0	115	185
11:00 PM	0	1	0	1	0	2	0	0	8	0	0	8	0	0	0	0	0	0	0	1	19	0	0	20	30
11:15 PM	0	0	0	1	0	1	0	0	8	1	0	9	0	0	0	0	0	0	0	3	16	3	0	22	32
11:30 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	1	9	0	0	10	16
11:45 PM	0	0	0	1	0	1	0	0	5	1	0	6	0	0	0	0	0	0	0	3	14	0	0	17	24
Hourly Total	0	1	0	3	0	4	0	0	27	2	0	29	0	0	0	0	0	0	0	8	58	3	0	69	102
DAILY TOTAL	2	52	27	99	12	180	3	96	6255	87	9	6441	0	150	27	73	36	250	0	138	6498	126	2	6762	13633
Cars	2	52	27	99	11	180	3	96	6108	86	6	6293	0	150	27	72	12	249	0	136	6314	125	0	6575	13297
Heavy Vehicles	0	0	0	0	1	0	0	0	147	1	3	148	0	0	0	1	24	1	0	2	184	1	2	187	336
Heavy Vehicle %	0.00%	0.00%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	2.35%	1.15%	33.33%	2.30%	0.00%	0.00%	0.00%	1.37%	66.67%	0.40%	0.00%	1.45%	2.83%	0.79%	100.00%	2.77%	2.46%

TMC 2665 - CSAH 32 @ Yalta St
Cirice Pines MN
Tuesday, June 23, 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	
7:30 AM	0	1	0	2	2	3	0	0	153	1	0	154	0	2	0	0	0	2	0	0	111	0	0	111	270
7:45 AM	0	1	0	1	0	2	0	0	188	0	0	188	0	0	0	0	0	0	0	0	135	1	0	136	326
8:00 AM	0	1	0	1	0	2	0	1	144	0	0	145	0	1	0	1	3	2	0	2	102	0	0	104	253
8:15 AM	0	3	1	0	0	4	0	3	151	2	0	156	0	2	0	2	0	4	0	1	112	0	0	113	277
Peak Hour Total	0	6	1	4	2	11	0	4	636	3	0	643	0	5	0	3	3	8	0	3	460	1	0	464	1126
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	31	0	0	31	41
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.57%	0.00%	0.00%	1.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.74%	0.00%	0.00%	6.68%	3.64%
	0.000	0.500	0.250	0.500	0.250	0.688	0.000	0.333	0.846	0.375	0.000	0.855	0.000	0.625	0.000	0.375	0.250	0.500	0.000	0.375	0.852	0.250	0.000	0.853	0.863

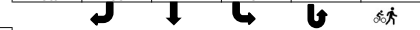
Mid Peak Hour (10:00 - 14:00)

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	
11:30 AM	0	1	0	1	0	2	0	1	92	0	0	93	0	1	0	3	2	4	0	3	84	1	0	88	187
11:45 AM	0	1	0	2	0	3	0	0	70	2	0	72	0	3	1	0	1	4	0	1	86	1	0	88	167
12:00 PM	0	0	1	2	0	3	0	3	74	1	0	78	0	0	0	1	0	1	0	0	81	0	0	81	163
12:15 PM	0	1	0	2	0	3	0	3	89	1	0	93	0	4	0	2	1	6	0	4	89	5	0	98	200
Peak Hour Total	0	3	1	7	0	11	0	7	325	4	0	336	0	8	1	6	4	15	0	8	340	7	0	355	717
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	12	0	0	12	19
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.15%	0.00%	0.00%	2.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.53%	0.00%	0.00%	3.38%	2.65%
	0.000	0.750	0.250	0.875	0.000	0.917	0.000	0.583	0.883	0.500	0.000	0.903	0.000	0.500	0.250	0.500	0.500	0.625	0.000	0.500	0.955	0.350	0.000	0.906	0.896

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	
4:00 PM	0	0	0	1	0	1	0	4	193	1	0	198	0	2	0	2	0	4	0	5	237	1	0	243	446
4:15 PM	0	2	0	0	0	2	0	4	199	1	0	204	0	2	0	0	0	2	0	4	207	2	0	213	421
4:30 PM	0	0	1	2	0	3	0	2	134	2	0	138	0	1	1	0	0	2	0	6	212	5	0	223	366
4:45 PM	1	0	0	1	0	2	0	2	135	1	0	138	0	1	0	2	0	3	0	10	209	2	0	221	364
Peak Hour Total	1	2	1	4	0	8	0	12	661	5	0	678	0	6	1	4	0	11	0	25	865	10	0	900	1597
Peak Hour Heavy Vehicle	0	0	0	0	0	0	0	0	18	0	0	18	0	0	0	0	0	0	0	0	10	0	0	10	28
Peak Hour Heavy Vehicle PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.72%	0.00%	0.00%	2.65%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.16%	0.00%	0.00%	1.11%	1.75%
	0.250	0.250	0.250	0.500	0.000	0.667	0.000	0.750	0.830	0.625	0.000	0.831	0.000	0.750	0.250	0.500	0.000	0.688	0.000	0.625	0.912	0.500	0.000	0.926	0.895

Total Vehicles On Leg				434			
Vehicles Entering Intersection 180				Vehicles Exiting Intersection 254			
Southbound							
Cars	99	27	52	2		11	
Heavy	0	0	0	0		1	
Total	99	27	52	2		12	



Total Vehicles on Leg 13266	Vehicles Entering Intersection 6762	Eastbound	Cars	Heavy	Total
			0	2	2
			0	0	0
	Vehicles Exiting Intersection 6504		136	2	138
			6314	184	6498
			125	1	126



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 6441	Total Vehicles on Leg 13067
86	1	87			
6108	147	6255			
96	0	96		Vehicles Exiting Intersection 6626	
3	0	3			
6	3	9			

Cars	12	0	150	27	72
Heavy	24	0	0	0	1
Total	36	0	150	27	73
Northbound					
Vehicles Entering Intersection			250		
Vehicles Exiting Intersection			249		
Total Vehicles On Leg			499		

TMC 2665 - CSAH 32 @ Yalta St
Cirice Pines MN
Tuesday, June 23, 2026

Time	Southbound Heavy Yalta St						Westbound Heavy CSAH 32						Northbound Heavy Hall St						Eastbound Heavy CSAH 32						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
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	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	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
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
4:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:45 AM	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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
5:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	2	2
5:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0	0	0	0	6	0	0	6	7
6:00 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	5
6:15 AM	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	0	0	3	4
6:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	6
6:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	4	1	0	5	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	6	0	1	6	0	0	0	0	0	0	0	0	14	1	0	15	21
7:00 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	6
7:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	1	0	0	0	0	0	0	3
7:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	12	0	0	12	17
7:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	11	0	0	11	12
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	1	0	1	0	0	26	0	0	26	38

TMC 2665 - CSAH 32 @ Yalta St
Cirice Pines MN
Tuesday, June 23, 2026

Time	Southbound Heavy Yalta St						Westbound Heavy CSAH 32						Northbound Heavy Hall St						Eastbound Heavy CSAH 32						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	0	0	0	0	0	0	4	0	0	4	0	0	0	0	2	0	0	0	4	0	0	4	8
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
8:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	1	0	0	1	1	0	0	2	7
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6	0	0	6	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	4	0	0	1	15	0	0	16	25
9:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
9:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	5
9:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	5	0	0	5	7
9:45 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	2	0	0	2	3
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	4	0	0	0	10	0	0	10	18
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	3	3
10:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	1	0	0	0	6	0	0	6	9
10:30 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	6
10:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	8
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	2	0	0	0	15	0	0	15	26
11:00 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	3	0	0	3	7
11:15 AM	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0	2	0	0	0	1	0	1	1	5
11:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	2	0	0	0	3	0	0	3	6
11:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	2	0	0	2	4
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	12	1	0	13	0	0	0	0	5	0	0	0	9	0	1	9	22
12:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
12:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	5	0	0	5	6
12:30 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	1	0	0	0	2	0	0	2	5
12:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	1	4	0	0	5	8
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	2	0	0	0	13	0	0	14	22
1:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	0	0	5	8
1:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	3	0	0	3	5
1:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5	7
1:45 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	8
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	1	0	0	0	17	0	0	17	28
2:00 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	6	0	0	6	9
2:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	3
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	5
2:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	16	0	0	16	23
3:00 PM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	8	0	0	8	13
3:15 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
3:30 PM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	0	0	2	0	0	2	10
3:45 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	21	0	0	21	0	0	0	0	0	0	0	0	12	0	0	12	33

TMC 2665 - CSAH 32 @ Yalta St
Circe Pines MN
Tuesday, June 23, 2026

	Southbound Heavy Yalta St						Westbound Heavy CSAH 32						Northbound Heavy Hall St						Eastbound Heavy CSAH 32						VEHICLE 'Heavy Vehicles'	
Time	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	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	2	0	0	2	7
4:15 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	0	4	0	0	4	11
4:30 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	2	4
4:45 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	2	6
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	18	0	0	18	0	0	0	0	0	0	0	0	0	10	0	0	10	28
5:00 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	3	0	0	3	9	
5:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	2	4	
5:30 PM	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	2	0	0	2	8	
5:45 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	4	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	0	0	10	0	0	10	25	
6:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	2	
6:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	2	0	0	0	4	0	0	4	8	
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
7:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	0	1	0	2	
7:30 PM	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0	1	1	
Hourly 'Heavy Vehicles'	0	0	0	0	1	0	0	0	2	0	1	2	0	0	0	0	2	0	0	0	2	0	1	2	4	
8:00 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	
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
8:30 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	
8:45 PM	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	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	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	
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	
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
9:45 PM	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	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	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	
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	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
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	0	0	0	1	0	0	0	147	1	3	148	0	0	0	1	24	1	0	2	184	1	2	187	336	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2665

Study Date : 07/20/2026

Signal Warrants - Summary

Major Street Approaches

Eastbound: CSAH 32

Number of Lanes : 2+

Total Approach Volume: 6,762

Westbound: CSAH 32

Number of Lanes : 2+

Total Approach Volume: 6,441

Minor Street Approaches

Northbound: Hall St

Number of Lanes : 1

Total Approach Volume: 250

Southbound: Yalta St

Number of Lanes : 1

Total Approach Volume: 180

Warrant Summary (Rural Values Apply)

Warrant 1 - Eight Hour Vehicular Volumes.....Not Satisfied

Warrant 1A - Minimum Vehicular Volume.....Not Satisfied

Required volumes reached for 0 hours, 8 are needed

Warrant 1B - Interruption of Continuous Traffic.....Not Satisfied

Required volumes reached for 0 hours, 8 are needed

Warrant 1C - Combination of Warrants.....Not Satisfied

Required 1A volumes reached for 0 hours, 8 are needed

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

Warrant 2 - Four Hour Volumes.....Not Satisfied

Number of hours (0) volumes exceed minimum < minimum required (4).

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

Volumes do not exceed minimums for any 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: TMC 2665

Study Date : 07/20/2026

Warrant 1A - Minimum Volumes

Description

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

Summary

Only 0 one hour periods meet minimums.
Warrant is NOT 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 = **252**

Veh/Hr Minor = **63**

Major Road						Minor Road		
CSAH 32						Hall St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:00 - 17:00	900	+	678	=	1578	11	8	No
15:45 - 16:45	853	+	681	=	1534	11	8	No
16:15 - 17:15	841	+	680	=	1521	11	11	No
15:30 - 16:30	832	+	685	=	1517	18	7	No
16:30 - 17:30	802	+	679	=	1481	13	14	No
16:45 - 17:45	750	+	715	=	1465	13	16	No
15:15 - 16:15	800	+	618	=	1418	17	9	No
17:00 - 18:00	691	+	697	=	1388	14	18	No
15:00 - 16:00	724	+	541	=	1265	16	10	No
14:45 - 15:45	700	+	506	=	1206	19	12	No
17:15 - 18:15	629	+	571	=	1200	16	14	No
07:30 - 08:30	464	+	643	=	1107	8	11	No
14:30 - 15:30	631	+	453	=	1084	14	12	No
07:45 - 08:45	444	+	640	=	1084	9	14	No
07:15 - 08:15	441	+	642	=	1083	12	8	No
07:00 - 08:00	390	+	622	=	1012	12	7	No
14:15 - 15:15	577	+	406	=	983	18	9	No
17:30 - 18:30	560	+	421	=	981	15	13	No
08:00 - 09:00	403	+	562	=	965	15	16	No
14:00 - 15:00	527	+	372	=	899	17	10	No
08:15 - 09:15	364	+	530	=	894	14	15	No
06:45 - 07:45	314	+	576	=	890	13	11	No
06:30 - 07:30	262	+	541	=	803	23	8	No
13:45 - 14:45	476	+	326	=	802	13	10	No
08:30 - 09:30	315		479		794	11	18	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2665

Study Date : 07/20/2026

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

Only 0 one hour periods meet minimums.
Warrant is NOT 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**

Major Road						Minor Road		
CSAH 32						Hall St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:00 - 17:00	900	+	678	=	1578	11	8	No
15:45 - 16:45	853	+	681	=	1534	11	8	No
16:15 - 17:15	841	+	680	=	1521	11	11	No
15:30 - 16:30	832	+	685	=	1517	18	7	No
16:30 - 17:30	802	+	679	=	1481	13	14	No
16:45 - 17:45	750	+	715	=	1465	13	16	No
15:15 - 16:15	800	+	618	=	1418	17	9	No
17:00 - 18:00	691	+	697	=	1388	14	18	No
15:00 - 16:00	724	+	541	=	1265	16	10	No
14:45 - 15:45	700	+	506	=	1206	19	12	No
17:15 - 18:15	629	+	571	=	1200	16	14	No
07:30 - 08:30	464	+	643	=	1107	8	11	No
14:30 - 15:30	631	+	453	=	1084	14	12	No
07:45 - 08:45	444	+	640	=	1084	9	14	No
07:15 - 08:15	441	+	642	=	1083	12	8	No
07:00 - 08:00	390	+	622	=	1012	12	7	No
14:15 - 15:15	577	+	406	=	983	18	9	No
17:30 - 18:30	560	+	421	=	981	15	13	No
08:00 - 09:00	403	+	562	=	965	15	16	No
14:00 - 15:00	527	+	372	=	899	17	10	No
08:15 - 09:15	364	+	530	=	894	14	15	No
06:45 - 07:45	314	+	576	=	890	13	11	No
06:30 - 07:30	262	+	541	=	803	23	8	No
13:45 - 14:45	476	+	326	=	802	13	10	No
08:30 - 09:30	315		479		794	11	18	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2665

Study Date : 07/20/2026

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

Only 0 hours meet 1A minimums.
Only 1 hours meet 1B minimums.
Warrant is NOT 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 32						Minor Road Hall St				
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?		
16:00 - 17:00	900	+	678	=	1578	11	8	No		
15:45 - 16:45	853	+	681	=	1534	11	8	No		
16:15 - 17:15	841	+	680	=	1521	11	11	No		
15:30 - 16:30	832	+	685	=	1517	18	7	No		
16:30 - 17:30	802	+	679	=	1481	13	14	No		
16:45 - 17:45	750	+	715	=	1465	13	16	No		
15:15 - 16:15	800	+	618	=	1418	17	9	No		
17:00 - 18:00	691	+	697	=	1388	14	18	No		
15:00 - 16:00	724	+	541	=	1265	16	10	No		
14:45 - 15:45	700	+	506	=	1206	19	12	No		
17:15 - 18:15	629	+	571	=	1200	16	14	No		
07:30 - 08:30	464		643		1107	8	11	No		

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?		
05:45 - 06:45	174	+	289	=	463	26	5	Yes		
16:00 - 17:00	900	+	678	=	1578	11	8	No		
15:45 - 16:45	853	+	681	=	1534	11	8	No		
16:15 - 17:15	841	+	680	=	1521	11	11	No		
15:30 - 16:30	832	+	685	=	1517	18	7	No		
16:30 - 17:30	802	+	679	=	1481	13	14	No		
16:45 - 17:45	750	+	715	=	1465	13	16	No		
15:15 - 16:15	800	+	618	=	1418	17	9	No		
17:00 - 18:00	691	+	697	=	1388	14	18	No		
15:00 - 16:00	724	+	541	=	1265	16	10	No		
14:45 - 15:45	700	+	506	=	1206	19	12	No		
17:15 - 18:15	629	+	571	=	1200	16	14	No		

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2665

Study Date : 07/20/2026

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.

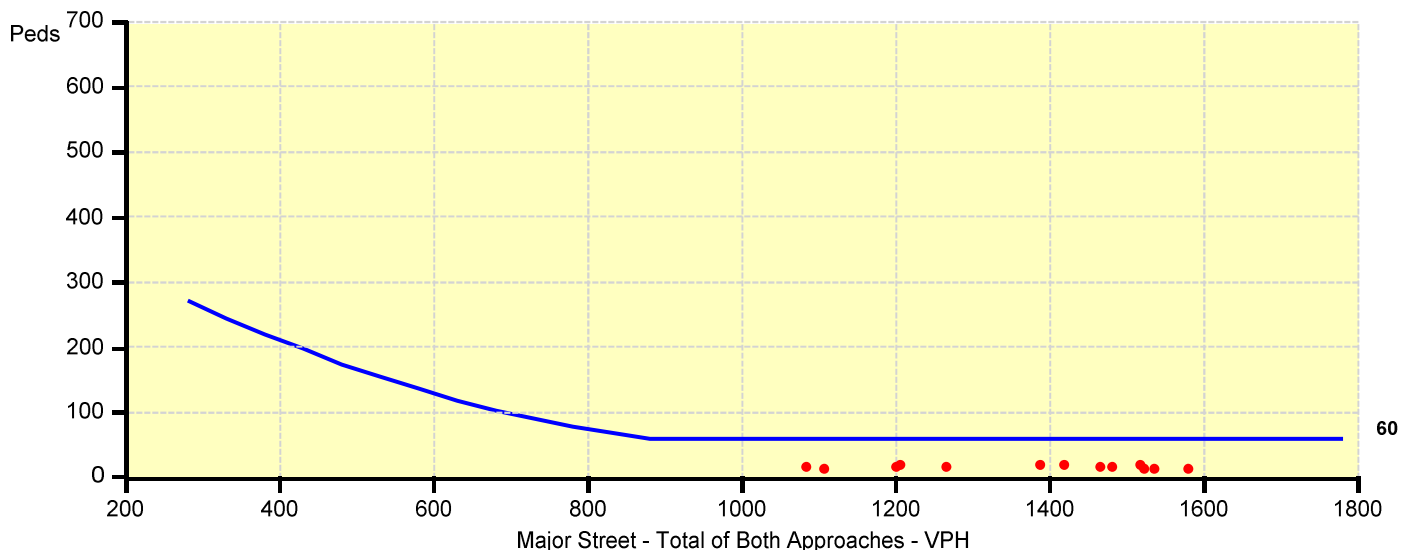
Summary

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Major Road CSAH 32						Minor Road Hall St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:00 - 17:00	900	+	678	=	1578	11	8	No
15:45 - 16:45	853	+	681	=	1534	11	8	No
16:15 - 17:15	841	+	680	=	1521	11	11	No
15:30 - 16:30	832	+	685	=	1517	18	7	No
16:30 - 17:30	802	+	679	=	1481	13	14	No
16:45 - 17:45	750	+	715	=	1465	13	16	No
15:15 - 16:15	800	+	618	=	1418	17	9	No
17:00 - 18:00	691	+	697	=	1388	14	18	No
15:00 - 16:00	724	+	541	=	1265	16	10	No
14:45 - 15:45	700	+	506	=	1206	19	12	No
17:15 - 18:15	629	+	571	=	1200	16	14	No
07:30 - 08:30	464		643		1107	8	11	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2665

Study Date : 07/20/2026

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

Only 0 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Major Road CSAH 32						Minor Road Hall St		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:00 - 17:00	900	+	678	=	1578	11	8	No
15:45 - 16:45	853	+	681	=	1534	11	8	No
16:15 - 17:15	841	+	680	=	1521	11	11	No
15:30 - 16:30	832	+	685	=	1517	18	7	No
16:30 - 17:30	802	+	679	=	1481	13	14	No
16:45 - 17:45	750	+	715	=	1465	13	16	No
15:15 - 16:15	800	+	618	=	1418	17	9	No
17:00 - 18:00	691	+	697	=	1388	14	18	No
15:00 - 16:00	724	+	541	=	1265	16	10	No
14:45 - 15:45	700	+	506	=	1206	19	12	No
17:15 - 18:15	629	+	571	=	1200	16	14	No
07:30 - 08:30	464		643		1107	8	11	No

