

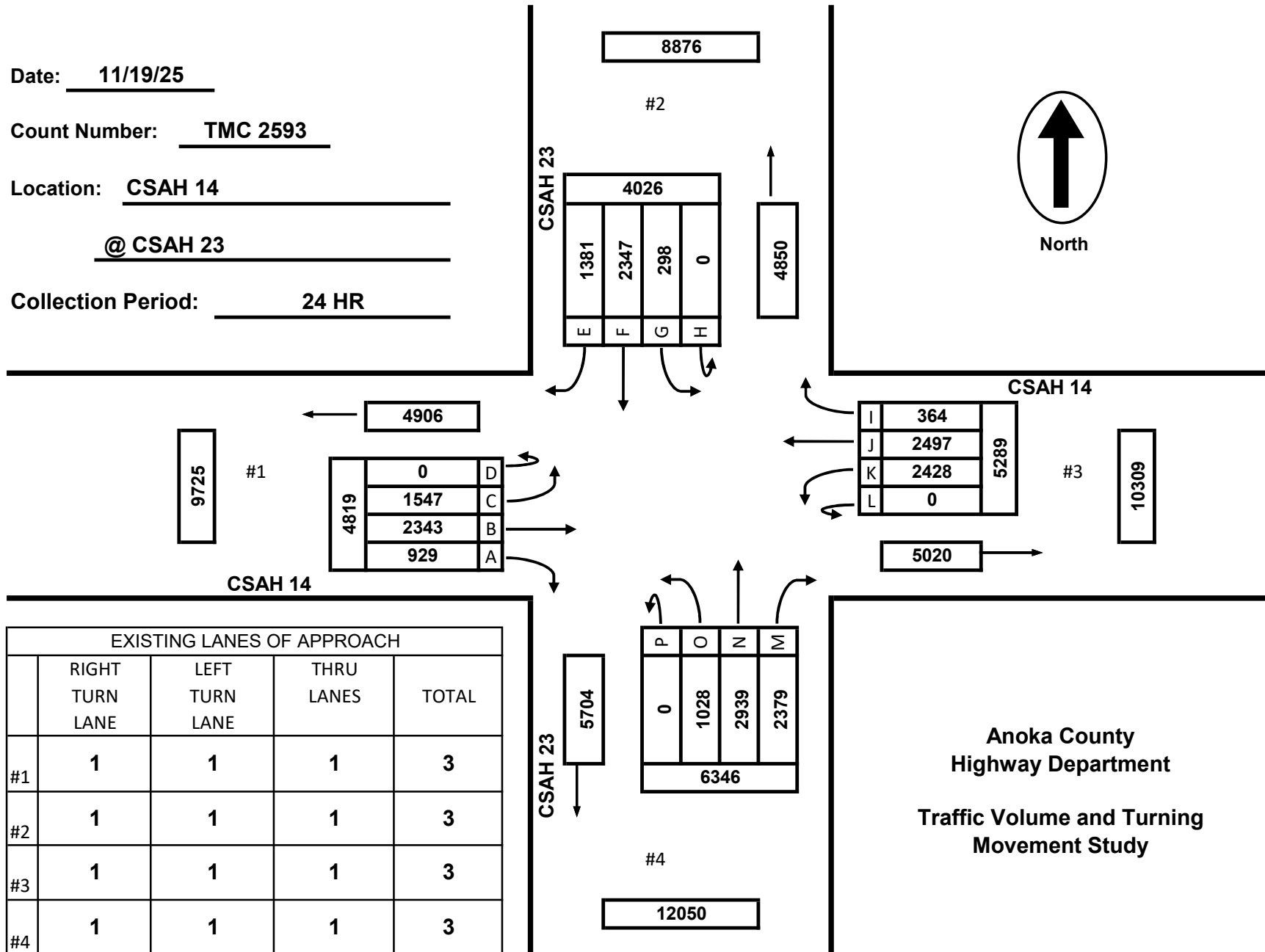
Date: 11/19/25

Count Number: TMC 2593

Location: CSAH 14

@ CSAH 23

Collection Period: 24 HR



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

Date: 11/19/25

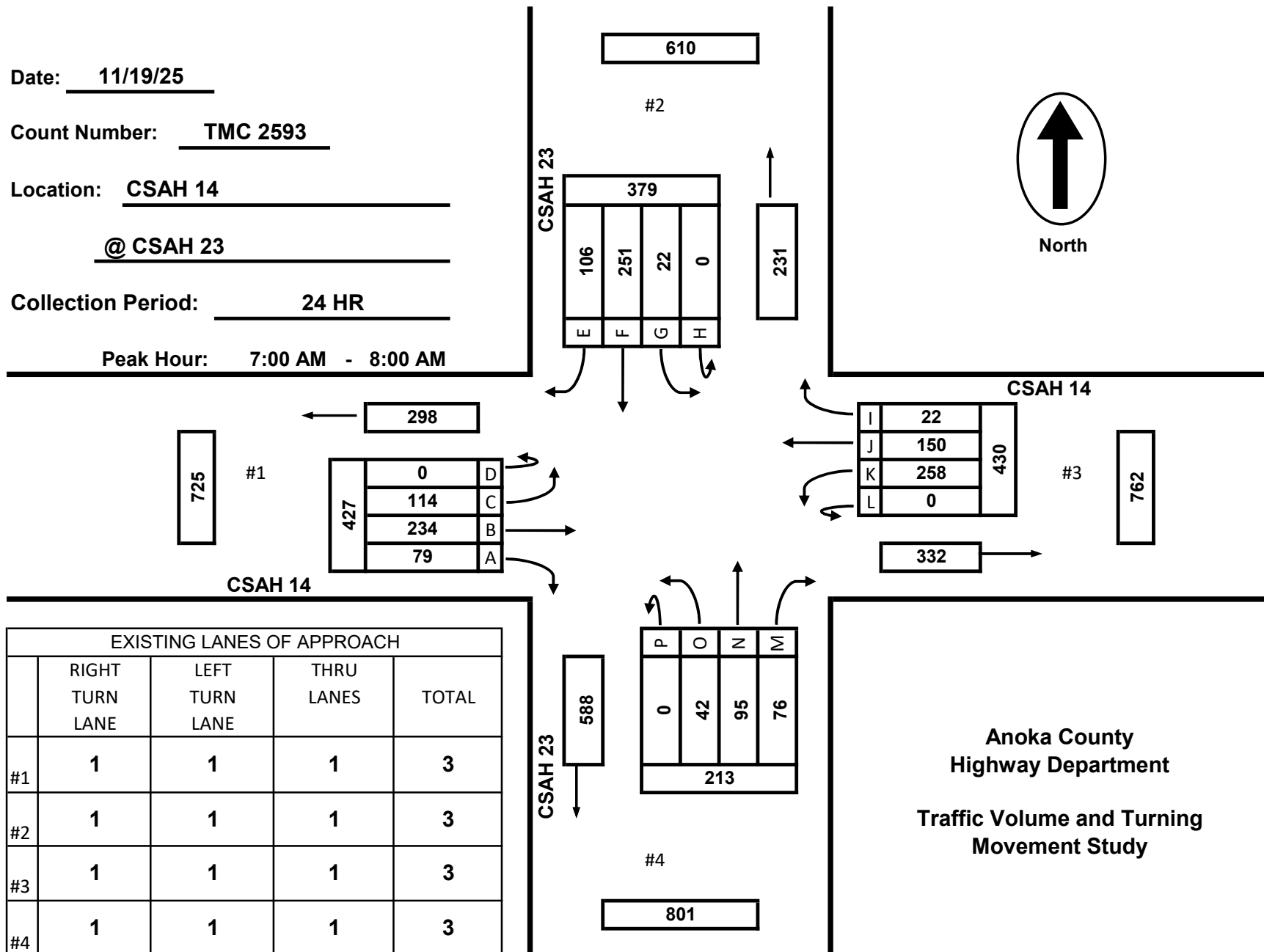
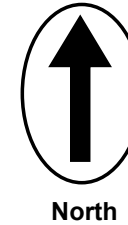
Count Number: TMC 2593

Location: CSAH 14

@ CSAH 23

Collection Period: 24 HR

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



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

Date: 11/19/25

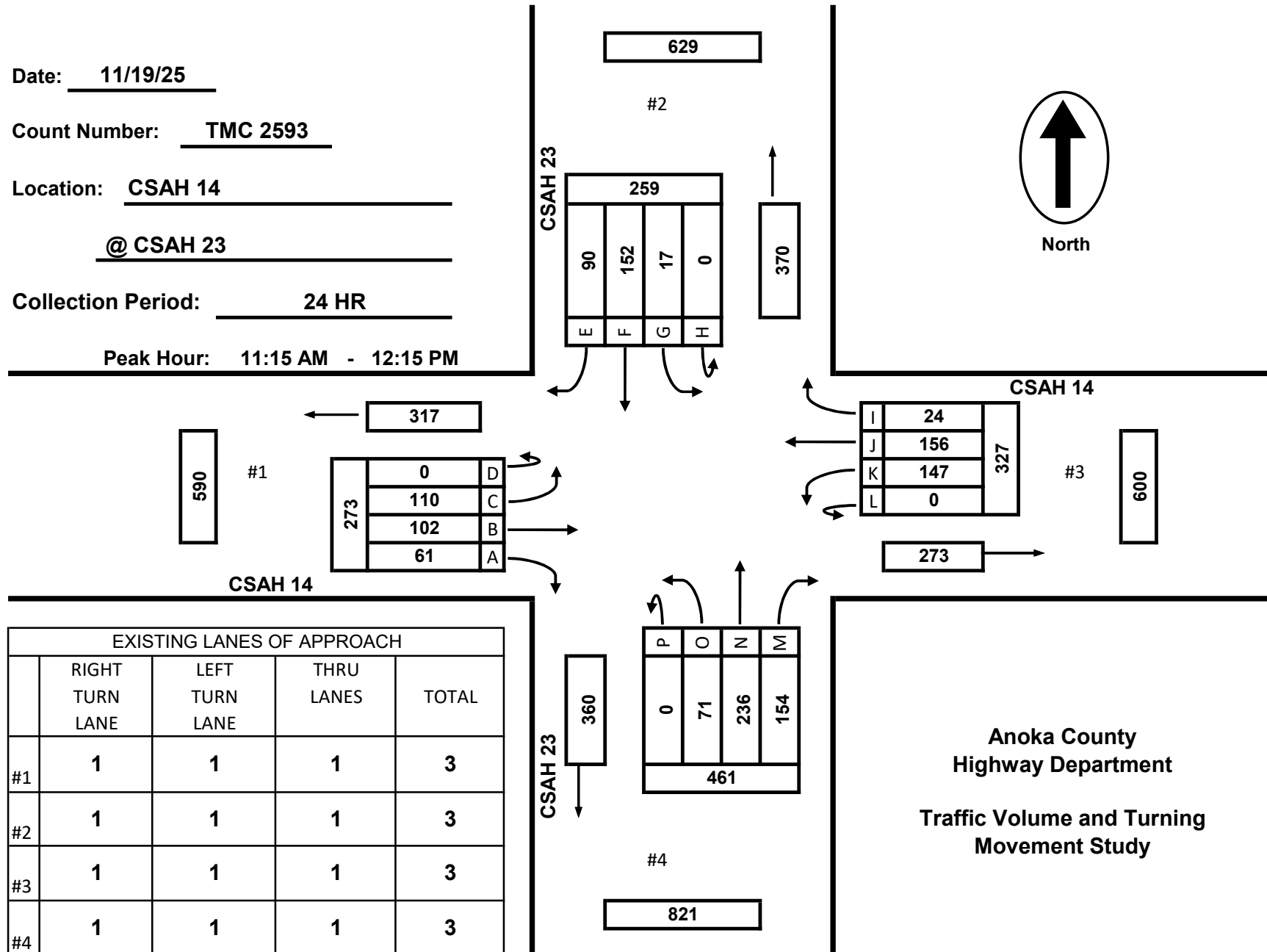
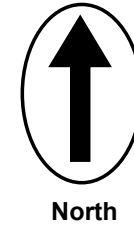
Count Number: TMC 2593

Location: CSAH 14

@ CSAH 23

Collection Period: 24 HR

Peak Hour: 11:15 AM - 12:15 PM



Date: 11/19/25

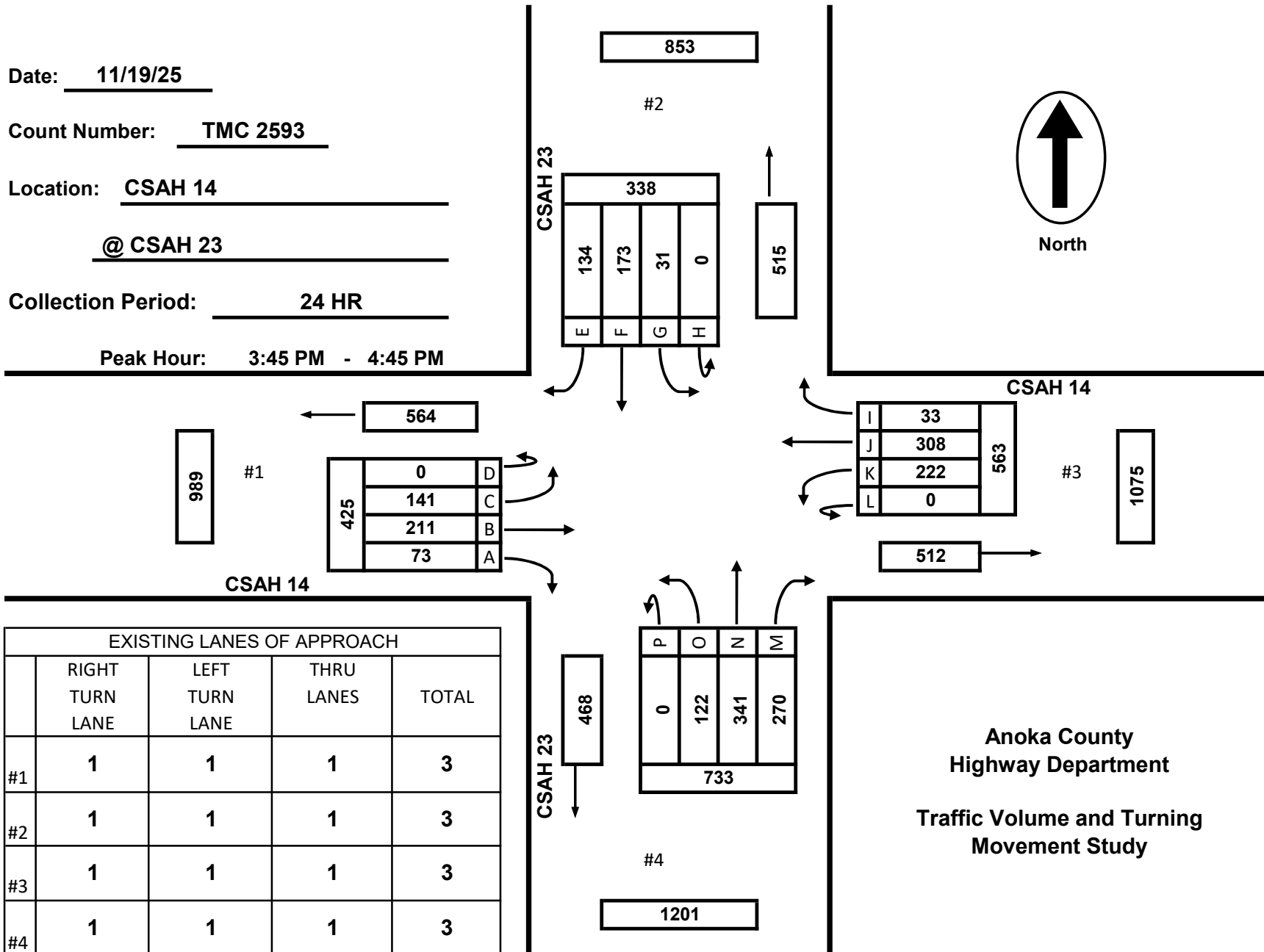
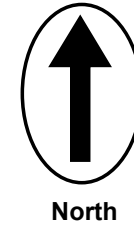
Count Number: TMC 2593

Location: CSAH 14

@ CSAH 23

Collection Period: 24 HR

Peak Hour: 3:45 PM - 4:45 PM



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound CSAH 23						Westbound CSAH 14						Northbound CSAH 23						Eastbound CSAH 14						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	
12:00 AM	0	0	1	3	0	4	0	0	1	0	0	1	0	1	2	1	0	4	0	2	2	1	0	5	14
12:15 AM	0	1	4	2	0	7	0	2	1	0	0	3	0	0	2	0	0	2	0	3	4	0	0	7	19
12:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	3	2	0	5	0	0	3	0	0	3	10
12:45 AM	0	0	1	2	0	3	0	0	1	1	0	2	0	0	1	0	0	1	0	0	1	0	0	1	7
Hourly Total	0	1	6	7	0	14	0	2	5	1	0	8	0	1	8	3	0	12	0	5	10	1	0	16	50
1:00 AM	0	1	1	1	0	3	0	0	1	0	0	1	0	1	4	1	0	6	0	0	1	0	0	1	11
1:15 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	1	0	3	0	0	2	0	0	2	6
1:30 AM	0	0	0	0	0	0	0	1	2	0	0	3	0	3	0	2	0	5	0	1	0	0	0	1	9
1:45 AM	0	0	0	3	0	3	0	1	1	0	0	2	0	3	1	2	0	6	0	0	0	0	0	0	11
Hourly Total	0	1	1	5	0	7	0	2	4	0	0	6	0	7	7	6	0	20	0	1	3	0	0	4	37
2:00 AM	0	0	0	3	0	3	0	0	1	0	0	1	0	0	1	4	0	5	0	2	1	0	0	3	12
2:15 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
2:30 AM	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	1	4
2:45 AM	0	0	0	0	0	0	0	3	1	0	0	4	0	1	0	2	0	3	0	3	1	1	0	2	9
Hourly Total	0	0	0	5	0	5	0	3	2	0	0	5	0	1	1	7	0	9	0	3	4	1	0	8	27
3:00 AM	0	0	1	1	0	2	0	2	1	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	6
3:15 AM	0	0	3	0	0	3	0	0	1	0	0	1	0	1	2	0	0	3	0	1	1	0	0	2	9
3:30 AM	0	0	5	1	0	6	0	0	1	0	0	1	0	0	0	3	0	3	0	0	1	1	0	2	12
3:45 AM	0	0	4	1	0	5	0	5	1	1	0	7	0	0	1	0	0	1	0	2	1	1	0	4	17
Hourly Total	0	0	13	3	0	16	0	7	4	1	0	12	0	1	4	3	0	8	0	3	3	2	0	8	44
4:00 AM	0	0	6	1	0	7	0	4	1	0	0	5	0	0	1	1	0	2	0	1	2	2	0	5	19
4:15 AM	0	1	4	4	0	9	0	6	2	0	0	8	0	0	3	3	0	6	0	0	1	1	0	2	25
4:30 AM	0	0	13	4	0	17	0	8	2	0	0	10	0	0	1	3	0	4	0	3	6	5	0	14	45
4:45 AM	0	0	15	5	0	20	0	8	2	0	0	10	0	1	3	3	0	7	0	1	10	3	0	14	51
Hourly Total	0	1	38	14	0	53	0	26	7	0	0	33	0	1	8	10	0	19	0	5	19	11	0	35	140
5:00 AM	0	3	15	6	0	24	0	8	4	1	0	13	0	1	2	2	0	5	0	4	10	5	0	19	61
5:15 AM	0	0	26	2	0	28	0	17	6	0	0	23	0	0	9	9	0	18	0	5	15	3	0	23	92
5:30 AM	0	5	42	6	0	53	0	17	13	2	0	32	0	2	7	8	0	17	0	11	22	4	0	37	139
5:45 AM	0	3	37	7	0	47	0	21	6	2	0	29	0	2	9	8	0	19	0	11	27	9	0	47	142
Hourly Total	0	11	120	21	0	152	0	63	29	5	0	97	0	5	27	27	0	59	0	31	74	21	0	126	434
6:00 AM	0	2	36	10	0	48	0	30	21	1	0	52	0	3	4	14	0	21	0	13	21	9	0	43	164
6:15 AM	0	0	55	12	0	67	0	32	22	5	0	59	0	6	9	19	0	34	0	11	40	12	0	63	223
6:30 AM	0	7	57	17	0	81	0	31	33	3	0	67	0	7	29	11	0	47	0	24	47	12	0	83	278
6:45 AM	0	7	57	15	0	79	0	48	24	10	0	82	0	6	26	22	0	54	0	33	59	17	0	109	324
Hourly Total	0	16	205	54	0	275	0	141	100	19	0	260	0	22	68	66	0	156	0	81	167	50	0	298	989
7:00 AM	0	1	48	14	0	63	0	62	28	5	0	95	0	10	32	17	0	59	0	27	48	19	0	94	311
7:15 AM	0	8	90	26	0	124	0	61	35	3	0	99	0	11	10	12	0	33	0	32	57	21	0	110	366
7:30 AM	0	8	55	31	0	94	0	74	56	8	0	138	0	7	20	16	0	43	0	30	68	19	0	117	392
7:45 AM	0	5	58	35	0	98	0	61	31	6	0	98	0	14	33	31	0	78	0	25	61	20	0	106	380
Hourly Total	0	22	251	106	0	379	0	258	150	22	0	430	0	42	95	76	0	213	0	114	234	79	0	427	1449

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound CSAH 23						Westbound CSAH 14						Northbound CSAH 23						Eastbound CSAH 14						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	8	44	23	0	75	0	55	26	3	0	84	0	9	22	23	0	54	0	28	39	23	0	90	303
8:15 AM	0	3	35	28	1	66	0	56	36	5	1	97	0	12	18	32	0	62	0	23	44	15	1	82	307
8:30 AM	0	4	38	21	0	63	0	44	24	4	0	72	0	15	31	28	0	74	0	21	37	23	0	81	290
8:45 AM	0	4	41	32	0	77	0	50	29	12	0	91	0	16	36	17	0	69	0	23	41	21	0	85	322
Hourly Total	0	19	158	104	1	281	0	205	115	24	1	344	0	52	107	100	0	259	0	95	161	82	1	338	1222
9:00 AM	0	7	42	22	0	71	0	47	29	6	0	82	0	20	20	17	0	57	0	36	44	25	0	105	315
9:15 AM	0	2	34	20	0	56	0	29	30	5	0	64	0	8	33	30	0	71	0	18	39	21	0	78	269
9:30 AM	0	3	33	17	0	53	0	27	24	4	0	55	0	9	21	24	0	54	0	22	33	11	0	66	228
9:45 AM	0	5	25	20	0	50	0	23	34	5	0	62	0	12	28	29	0	69	0	17	24	13	0	54	235
Hourly Total	0	17	134	79	0	230	0	126	117	20	0	263	0	49	102	100	0	251	0	93	140	70	0	303	1047
10:00 AM	0	3	33	15	0	51	0	23	37	4	0	64	0	7	23	30	0	60	0	14	30	11	0	55	230
10:15 AM	0	4	31	11	0	46	0	29	26	2	0	57	0	12	35	23	0	70	0	16	28	11	0	55	228
10:30 AM	0	2	25	10	0	37	0	32	25	4	0	61	0	16	33	33	0	82	0	22	24	15	0	61	241
10:45 AM	0	4	40	24	0	68	0	26	23	4	0	53	0	18	34	43	0	95	0	21	30	16	0	67	283
Hourly Total	0	13	129	60	0	202	0	110	111	14	0	235	0	53	125	129	0	307	0	73	112	53	0	238	982
11:00 AM	0	6	35	13	0	54	0	38	35	9	0	82	0	15	33	30	0	78	0	12	31	13	0	56	270
11:15 AM	0	5	46	20	0	71	0	38	54	6	0	98	0	23	47	29	0	99	0	31	24	15	0	70	338
11:30 AM	0	3	30	24	0	57	0	41	34	6	0	81	0	14	60	43	0	117	0	24	24	28	0	76	331
11:45 AM	0	7	38	24	0	69	0	34	29	5	0	68	0	22	65	43	0	130	0	28	29	14	0	71	338
Hourly Total	0	21	149	81	0	251	0	151	152	26	0	329	0	74	205	145	0	424	0	95	108	70	0	273	1277
12:00 PM	0	2	38	22	0	62	0	34	39	7	0	80	0	12	64	39	0	115	0	27	25	4	0	56	313
12:15 PM	0	2	48	22	0	72	0	29	38	8	0	75	0	16	59	29	0	104	0	31	37	10	0	78	329
12:30 PM	0	6	40	13	0	59	0	32	29	6	0	67	0	15	48	28	0	91	0	18	34	6	0	58	275
12:45 PM	0	7	39	16	0	62	0	26	27	3	0	56	0	13	52	43	0	108	0	14	44	17	0	75	301
Hourly Total	0	17	165	73	0	255	0	121	133	24	0	278	0	56	223	139	0	418	0	90	140	37	0	267	1218
1:00 PM	0	8	35	24	0	67	0	32	32	4	0	68	0	16	56	28	0	100	0	21	28	14	0	63	298
1:15 PM	0	4	30	8	0	42	0	31	29	5	0	65	0	12	65	31	0	108	0	21	32	14	0	67	282
1:30 PM	0	5	30	23	0	58	0	20	41	7	0	68	0	7	71	37	0	115	0	23	22	11	0	56	297
1:45 PM	0	6	40	25	0	71	0	41	41	10	0	92	0	16	72	39	0	127	0	27	34	13	0	74	364
Hourly Total	0	23	135	80	0	238	0	124	143	26	0	293	0	51	264	135	0	450	0	92	116	52	0	260	1241
2:00 PM	0	6	29	12	0	47	0	29	41	8	0	78	0	12	81	35	0	128	0	26	24	13	0	63	316
2:15 PM	0	4	36	21	0	61	0	35	30	9	0	74	0	14	97	47	0	158	0	31	27	13	0	71	364
2:30 PM	0	5	37	24	0	66	0	58	36	15	0	109	0	8	107	51	0	166	0	26	39	13	0	78	419
2:45 PM	0	7	26	21	0	54	0	47	60	4	0	111	0	16	137	42	0	195	0	28	36	9	0	73	433
Hourly Total	0	22	128	78	0	228	0	169	167	36	0	372	0	50	422	175	0	647	0	111	126	48	0	285	1532
3:00 PM	0	4	37	35	0	76	0	51	76	6	0	133	0	25	89	69	0	183	0	37	38	10	0	85	477
3:15 PM	0	7	25	30	0	62	0	50	76	12	0	138	0	19	73	58	0	150	0	29	28	12	0	69	419
3:30 PM	0	8	51	42	0	101	0	40	72	12	0	124	0	27	96	53	0	176	0	40	45	11	0	96	497
3:45 PM	0	5	38	34	0	77	0	49	67	8	0	124	0	27	85	66	0	178	0	38	54	17	0	109	488
Hourly Total	0	24	151	141	0	316	0	190	291	38	0	519	0	98	343	246	0	687	0	144	165	50	0	359	1881

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound CSAH 23						Westbound CSAH 14						Northbound CSAH 23						Eastbound CSAH 14						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	6	42	25	0	73	0	67	86	11	0	164	0	37	87	73	0	197	0	39	41	15	0	95	529
4:15 PM	0	9	39	29	0	77	0	51	90	6	0	147	0	22	84	63	0	169	0	41	59	21	0	121	514
4:30 PM	0	11	54	46	0	111	0	55	65	8	0	128	0	36	85	68	0	189	0	23	57	20	0	100	528
4:45 PM	0	9	46	27	0	82	0	65	62	10	0	137	0	18	55	66	0	139	0	46	53	23	0	122	480
Hourly Total	0	35	181	127	0	343	0	238	303	35	0	576	0	113	311	270	0	694	0	149	210	79	0	438	2051
5:00 PM	0	9	37	41	0	87	0	61	77	10	0	148	0	30	74	70	0	174	0	33	60	17	0	110	519
5:15 PM	0	8	38	36	0	82	0	48	71	11	0	130	0	21	62	65	0	148	0	31	28	23	0	82	442
5:30 PM	0	8	40	34	0	82	0	47	63	7	0	117	0	25	60	67	0	152	0	32	38	22	0	92	443
5:45 PM	0	6	41	30	0	77	0	39	37	6	0	82	0	32	35	52	0	119	0	28	39	13	0	80	358
Hourly Total	0	31	156	141	0	328	0	195	248	34	0	477	0	108	231	254	0	593	0	124	165	75	0	364	1762
6:00 PM	0	2	20	35	1	57	0	39	38	7	0	84	0	24	47	56	0	127	0	23	34	21	0	78	346
6:15 PM	0	1	19	16	1	36	0	39	47	3	0	89	0	20	20	52	0	92	0	21	31	10	0	62	279
6:30 PM	0	2	21	12	0	35	0	27	24	1	0	52	0	16	17	30	0	63	0	19	27	18	0	64	214
6:45 PM	0	2	19	12	0	33	0	19	27	0	0	46	0	15	25	48	0	88	0	22	26	9	0	57	224
Hourly Total	0	7	79	75	2	161	0	124	136	11	0	271	0	75	109	186	0	370	0	85	118	58	0	261	1063
7:00 PM	0	3	17	13	0	33	0	14	30	1	0	45	0	15	32	35	0	82	0	16	39	9	2	64	224
7:15 PM	0	1	13	6	0	20	0	27	29	4	0	60	0	13	32	42	0	87	0	19	25	5	0	49	216
7:30 PM	0	2	10	14	0	26	0	24	23	3	0	50	0	8	33	28	0	69	0	7	15	11	0	33	178
7:45 PM	0	0	8	14	0	22	0	16	26	3	0	45	0	18	25	30	0	73	0	5	15	6	0	26	166
Hourly Total	0	6	48	47	0	101	0	81	108	11	0	200	0	54	122	135	0	311	0	47	94	31	2	172	784
8:00 PM	0	2	11	10	0	23	0	13	15	2	0	30	0	13	21	25	0	59	0	7	20	9	0	36	148
8:15 PM	0	1	12	6	0	19	0	12	22	0	0	34	0	16	21	21	0	58	0	12	15	9	0	36	147
8:30 PM	0	2	9	6	0	17	0	7	12	2	0	21	0	6	15	18	0	39	0	10	22	6	0	38	115
8:45 PM	0	2	8	7	0	17	0	10	22	4	0	36	0	6	16	17	0	39	0	11	20	7	0	38	130
Hourly Total	0	7	40	29	0	76	0	42	71	8	0	121	0	41	73	81	0	195	0	40	77	31	0	148	540
9:00 PM	0	0	11	10	0	21	0	10	10	0	0	20	0	18	19	19	0	56	0	11	20	4	0	35	132
9:15 PM	0	0	6	14	0	20	0	8	14	0	0	22	0	17	7	15	0	39	0	10	15	5	0	30	111
9:30 PM	0	0	3	4	0	7	0	8	14	3	0	25	0	7	8	7	0	22	0	12	16	6	0	34	88
9:45 PM	0	1	9	4	0	14	0	7	11	0	0	18	0	9	7	7	0	23	0	6	13	0	0	19	74
Hourly Total	0	1	29	32	0	62	0	33	49	3	0	85	0	51	41	48	0	140	0	39	64	15	0	118	405
10:00 PM	0	1	3	4	0	8	0	4	10	0	0	14	0	3	13	11	0	27	0	4	3	4	0	11	60
10:15 PM	0	1	7	4	0	12	0	3	8	3	0	14	0	2	10	6	0	18	0	5	5	1	0	11	55
10:30 PM	0	0	4	3	0	7	0	2	11	0	0	13	0	4	3	6	0	13	0	6	4	1	0	11	44
10:45 PM	0	0	6	3	0	9	0	3	6	1	0	10	0	7	6	6	0	19	0	5	3	4	0	12	50
Hourly Total	0	2	20	14	0	36	0	12	35	4	0	51	0	16	32	29	0	77	0	20	15	10	0	45	209
11:00 PM	0	0	2	1	0	3	0	3	6	0	0	9	0	4	2	3	0	9	0	3	9	2	0	14	35
11:15 PM	0	0	2	1	0	3	0	0	8	1	0	9	0	1	3	3	0	7	0	3	5	0	0	8	27
11:30 PM	0	0	2	2	0	4	0	1	2	1	0	4	0	2	5	2	0	9	0	1	4	1	0	6	23
11:45 PM	0	1	5	1	0	7	0	1	1	0	0	2	0	0	1	1	0	2	0	0	0	0	0	0	11
Hourly Total	0	1	11	5	0	17	0	5	17	2	0	24	0	7	11	9	0	27	0	7	18	3	0	28	96
DAILY TOTAL	0	298	2347	1381	3	4026	0	2428	2497	364	1	5289	0	1028	2939	2379	0	6346	0	1547	2343	929	3	4819	20480
Cars	0	258	2160	1326	3	3744	0	2308	2421	330	1	5059	0	968	2772	2278	0	6018	0	1489	2261	886	1	4636	19457
Heavy Vehicles	0	40	187	55	0	282	0	120	76	34	0	230	0	60	167	101	0	328	0	58	82	43	2	183	1023
Heavy Vehicle %	0.00%	13.42%	7.97%	3.98%	0.00%	7.00%	0.00%	4.94%	3.04%	9.34%	0.00%	4.35%	0.00%	5.84%	5.68%	4.25%	0.00%	5.17%	0.00%	3.75%	3.50%	4.63%	66.67%	3.80%	5.00%

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025
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	0	1	48	14	0	63	0	62	28	5	0	95	0	10	32	17	0	59	0	27	48	19	0	94	311
7:15 AM	0	8	90	26	0	124	0	61	35	3	0	99	0	11	10	12	0	33	0	32	57	21	0	110	366
7:30 AM	0	8	55	31	0	94	0	74	56	8	0	138	0	7	20	16	0	43	0	30	68	19	0	117	392
7:45 AM	0	5	58	35	0	98	0	61	31	6	0	98	0	14	33	31	0	78	0	25	61	20	0	106	380
Peak Hour Total	0	22	251	106	0	379	0	258	150	22	0	430	0	42	95	76	0	213	0	114	234	79	0	427	1449
Peak Hour Heavy Vehicles	0	5	22	4	0	31	0	10	7	0	0	17	0	7	6	6	0	19	0	5	9	8	0	22	89
Peak Hour Heavy Vehicles % PHF	0.00%	22.73%	8.76%	3.77%	0.00%	8.18%	0.00%	3.88%	4.67%	0.00%	0.00%	3.95%	0.00%	16.67%	6.32%	7.89%	0.00%	8.92%	0.00%	4.39%	3.85%	10.13%	0.00%	5.15%	6.14%
	0.000	0.688	0.697	0.757	0.000	0.764	0.000	0.872	0.670	0.688	0.000	0.779	0.000	0.750	0.720	0.613	0.000	0.683	0.000	0.891	0.860	0.940	0.000	0.912	0.924

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	
11:15 AM	0	5	46	20	0	71	0	38	54	6	0	98	0	23	47	29	0	99	0	31	24	15	0	70	338
11:30 AM	0	3	30	24	0	57	0	41	34	6	0	81	0	14	60	43	0	117	0	24	24	28	0	76	331
11:45 AM	0	7	38	24	0	69	0	34	29	5	0	68	0	22	65	43	0	130	0	28	29	14	0	71	338
12:00 PM	0	2	38	22	0	62	0	34	39	7	0	80	0	12	64	39	0	115	0	27	25	4	0	56	313
Peak Hour Total	0	17	152	90	0	259	0	147	156	24	0	327	0	71	236	154	0	461	0	110	102	61	0	273	1320
Peak Hour Heavy Vehicles	0	2	21	5	0	28	0	7	6	4	0	17	0	6	17	13	0	36	0	7	7	1	0	15	96
Peak Hour Heavy Vehicles % PHF	0.00%	11.76%	13.82%	5.56%	0.00%	10.81%	0.00%	4.76%	3.85%	16.67%	0.00%	5.20%	0.00%	8.45%	7.20%	8.44%	0.00%	7.81%	0.00%	6.36%	6.86%	1.64%	0.00%	5.49%	7.27%
	0.000	0.607	0.826	0.938	0.000	0.912	0.000	0.896	0.722	0.857	0.000	0.834	0.000	0.772	0.908	0.895	0.000	0.887	0.000	0.887	0.879	0.545	0.000	0.898	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	
3:45 PM	0	5	38	34	0	77	0	49	67	8	0	124	0	27	85	66	0	178	0	38	54	17	0	109	488
4:00 PM	0	6	42	25	0	73	0	67	86	11	0	164	0	37	87	73	0	197	0	39	41	15	0	95	529
4:15 PM	0	9	39	29	0	77	0	51	90	6	0	147	0	22	84	63	0	169	0	41	59	21	0	121	514
4:30 PM	0	11	54	46	0	111	0	55	65	8	0	128	0	36	85	68	0	189	0	23	57	20	0	100	528
Peak Hour Total	0	31	173	134	0	338	0	222	308	33	0	563	0	122	341	270	0	733	0	141	211	73	0	425	2059
Peak Hour Heavy Vehicles	0	1	1	3	0	5	0	2	4	2	0	8	0	1	9	8	0	18	0	4	8	1	0	13	44
Peak Hour Heavy Vehicles % PHF	0.00%	3.23%	0.58%	2.24%	0.00%	1.48%	0.00%	0.90%	1.30%	6.06%	0.00%	1.42%	0.00%	0.82%	2.64%	2.96%	0.00%	2.46%	0.00%	2.84%	3.79%	1.37%	0.00%	3.06%	2.14%
	0.000	0.705	0.801	0.728	0.000	0.761	0.000	0.828	0.856	0.750	0.000	0.858	0.000	0.824	0.980	0.925	0.000	0.930	0.000	0.860	0.894	0.869	0.000	0.878	0.973

Total Vehicles On Leg			8876		
Vehicles Entering Intersection 4026			Vehicles Exiting Intersection 4850		
Southbound					
Cars	1326	2160	258	0	3
Heavy	55	187	40	0	0
Total	1381	2347	298	0	3



Total Vehicles on Leg 9725	Vehicles Entering Intersection 4819	Eastbound	Cars	Heavy	Total	  
			1	2	3	
			0	0	0	
	Vehicles Exiting Intersection 4906		1489	58	1547	
			2261	82	2343	
			886	43	929	

Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 5289	Total Vehicles on Leg 10309
330	34	364			
2421	76	2497			
2308	120	2428		Vehicles Exiting Intersection 5020	
0	0	0			
1	0	1			

Cars	0	0	968	2772	2278
Heavy	0	0	60	167	101
Total	0	0	1028	2939	2379
Northbound					
Vehicles Entering Intersection 6346			Vehicles Exiting Intersection 5704		
Total Vehicles On Leg			12050		

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound Heavy CSAH 23						Westbound Heavy CSAH 14						Northbound Heavy CSAH 23						Eastbound Heavy CSAH 14						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach Total</i>	
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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
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	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	1	0	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	1	0	1	0	0	0	0	0	0	1
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	1	0	1	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	1	0	1	0	0	0	0	0	0	1
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	1	0	1	0	0	0	0	0	0	1
3:00 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
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	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
3:45 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	4
4:00 AM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:15 AM	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
4:30 AM	0	0	4	0	0	4	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
4:45 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
Hourly 'Heavy Vehicles'	0	0	6	1	0	7	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	10
5:00 AM	0	0	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	5
5:15 AM	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
5:30 AM	0	0	5	0	0	5	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
5:45 AM	0	1	4	0	0	5	0	1	0	0	0	1	0	1	2	0	0	3	0	0	0	0	0	0	9
Hourly 'Heavy Vehicles'	0	1	12	2	0	15	0	3	0	0	0	3	0	1	2	0	0	3	0	1	0	0	0	1	22
6:00 AM	0	0	7	2	0	9	0	2	0	0	0	2	0	0	0	3	0	3	0	1	0	0	0	1	15
6:15 AM	0	0	13	1	0	14	0	3	0	1	0	4	0	1	0	2	0	3	0	0	0	1	0	1	22
6:30 AM	0	2	9	0	0	11	0	4	4	1	0	9	0	1	0	1	0	2	0	1	2	0	0	3	25
6:45 AM	0	1	5	0	0	6	0	4	0	0	0	4	0	1	1	4	0	6	0	1	2	1	0	4	20
Hourly 'Heavy Vehicles'	0	3	34	3	0	40	0	13	4	2	0	19	0	3	1	10	0	14	0	3	4	2	0	9	82
7:00 AM	0	1	1	1	0	3	0	1	1	0	0	2	0	2	2	0	0	4	0	2	0	0	0	2	11
7:15 AM	0	2	10	2	0	14	0	5	2	0	0	7	0	2	0	2	0	4	0	2	3	0	0	5	30
7:30 AM	0	2	3	1	0	6	0	1	4	0	0	5	0	2	3	0	0	5	0	0	4	4	0	8	24
7:45 AM	0	0	8	0	0	8	0	3	0	0	0	3	0	1	1	4	0	6	0	1	2	4	0	7	24
Hourly 'Heavy Vehicles'	0	5	22	4	0	31	0	10	7	0	0	17	0	7	6	6	0	19	0	5	9	8	0	22	89

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound Heavy CSAH 23						Westbound Heavy CSAH 14						Northbound Heavy CSAH 23						Eastbound Heavy CSAH 14						VEHICLE 'Heavy Vehicles'
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	<i>Vehicle Approach 'Heavy Vehicles'</i>	
8:00 AM	0	1	5	1	0	7	0	4	0	2	0	6	0	2	3	3	0	8	0	0	1	1	0	2	23
8:15 AM	0	1	3	2	0	6	0	2	2	0	0	4	0	3	2	3	0	8	0	0	4	0	0	4	22
8:30 AM	0	0	2	1	0	3	0	3	1	1	0	5	0	3	1	2	0	6	0	1	1	7	0	9	23
8:45 AM	0	0	3	3	0	6	0	6	4	1	0	11	0	2	3	1	0	6	0	3	1	1	0	5	28
Hourly 'Heavy Vehicles'	0	2	13	7	0	22	0	15	7	4	0	26	0	10	9	9	0	28	0	4	7	9	0	20	96
9:00 AM	0	1	5	3	0	9	0	2	1	0	0	3	0	7	1	1	0	9	0	7	6	2	0	15	36
9:15 AM	0	1	2	3	0	6	0	1	1	0	0	2	0	1	2	0	0	3	0	3	1	4	0	8	19
9:30 AM	0	0	3	0	0	3	0	3	3	2	0	8	0	2	2	0	0	4	0	0	2	1	0	3	18
9:45 AM	0	2	3	0	0	5	0	3	1	1	0	5	0	3	3	0	0	6	0	2	2	1	0	5	21
Hourly 'Heavy Vehicles'	0	4	13	6	0	23	0	9	6	3	0	18	0	13	8	1	0	22	0	12	11	8	0	31	94
10:00 AM	0	2	5	2	0	9	0	3	1	0	0	4	0	2	5	3	0	10	0	0	1	4	0	5	28
10:15 AM	0	2	7	0	0	9	0	2	2	1	0	5	0	2	4	1	0	7	0	1	0	3	0	4	25
10:30 AM	0	1	3	1	0	5	0	2	0	0	0	2	0	3	3	1	0	7	0	0	0	1	0	1	15
10:45 AM	0	1	3	1	0	5	0	3	3	0	0	6	0	3	1	7	0	11	0	1	0	2	0	3	25
Hourly 'Heavy Vehicles'	0	6	18	4	0	28	0	10	6	1	0	17	0	10	13	12	0	35	0	2	1	10	0	13	93
11:00 AM	0	0	2	1	0	3	0	4	1	3	0	8	0	3	2	3	0	8	0	0	2	2	0	4	23
11:15 AM	0	1	6	0	0	7	0	2	2	0	0	4	0	3	3	3	0	9	0	1	0	0	0	1	21
11:30 AM	0	0	5	3	0	8	0	2	2	1	0	5	0	2	4	1	0	7	0	1	3	1	0	5	25
11:45 AM	0	1	7	1	0	9	0	3	2	2	0	7	0	1	3	6	0	10	0	2	2	0	0	4	30
Hourly 'Heavy Vehicles'	0	2	20	5	0	27	0	11	7	6	0	24	0	9	12	13	0	34	0	4	7	3	0	14	99
12:00 PM	0	0	3	1	0	4	0	0	0	1	0	1	0	0	7	3	0	10	0	3	2	0	0	5	20
12:15 PM	0	0	5	2	0	7	0	2	0	3	0	5	0	0	2	2	0	4	0	1	1	0	0	2	18
12:30 PM	0	2	4	2	0	8	0	2	3	0	0	5	0	1	1	0	0	2	0	1	2	0	0	3	18
12:45 PM	0	2	3	3	0	8	0	3	4	1	0	8	0	0	2	3	0	5	0	0	1	0	0	1	22
Hourly 'Heavy Vehicles'	0	4	15	8	0	27	0	7	7	5	0	19	0	1	12	8	0	21	0	5	6	0	0	11	78
1:00 PM	0	1	3	0	0	4	0	4	1	0	0	5	0	1	7	2	0	10	0	0	1	0	0	1	20
1:15 PM	0	3	2	0	0	5	0	2	0	0	0	2	0	0	8	0	0	8	0	0	0	0	0	0	15
1:30 PM	0	0	4	0	0	4	0	3	2	0	0	5	0	0	8	2	0	10	0	2	1	1	0	4	23
1:45 PM	0	0	2	1	0	3	0	4	1	0	0	5	0	0	5	1	0	6	0	1	1	0	0	2	16
Hourly 'Heavy Vehicles'	0	4	11	1	0	16	0	13	4	0	0	17	0	1	28	5	0	34	0	3	3	1	0	7	74
2:00 PM	0	0	3	0	0	3	0	4	3	1	0	8	0	0	9	6	0	15	0	2	2	1	0	5	31
2:15 PM	0	1	3	1	0	5	0	2	1	0	0	3	0	0	7	0	0	7	0	6	0	0	0	6	21
2:30 PM	0	1	2	1	0	4	0	3	2	1	0	6	0	0	8	0	0	8	0	1	1	0	0	2	20
2:45 PM	0	1	2	0	0	3	0	3	1	0	0	4	0	0	7	2	0	9	0	0	1	0	0	1	17
Hourly 'Heavy Vehicles'	0	3	10	2	0	15	0	12	7	2	0	21	0	0	31	8	0	39	0	9	4	1	0	14	89
3:00 PM	0	1	2	1	0	4	0	1	1	2	0	4	0	0	2	6	0	8	0	0	1	0	0	1	17
3:15 PM	0	0	2	3	0	5	0	1	7	0	0	8	0	0	7	2	0	9	0	0	3	0	0	3	25
3:30 PM	0	1	0	1	0	2	0	1	1	1	0	3	0	1	7	0	0	8	0	1	2	0	0	3	16
3:45 PM	0	0	0	0	0	0	0	1	1	2	0	4	0	1	4	3	0	8	0	3	4	1	0	8	20
Hourly 'Heavy Vehicles'	0	2	4	5	0	11	0	4	10	5	0	19	0	2	20	11	0	33	0	4	10	1	0	15	78

TMC 2593 - CSAH 14 @ CSAH 23
Lino Lakes MN
Wednesday, November 19, 2025

Time	Southbound Heavy CSAH 23						Westbound Heavy CSAH 14						Northbound Heavy CSAH 23						Eastbound Heavy CSAH 14						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	0	3	0	3	0	0	1	0	0	1	0	0	0	0	0	0	0	1	2	0	0	3	7
4:15 PM	0	1	0	0	0	1	0	1	2	0	0	3	0	0	3	3	0	6	0	0	1	0	0	1	11
4:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	2	0	4	0	0	1	0	0	1	6
4:45 PM	0	0	1	1	0	2	0	1	1	0	0	2	0	0	0	2	0	2	0	1	1	0	0	2	8
Hourly 'Heavy Vehicles'	0	1	2	4	0	7	0	2	4	0	0	6	0	0	5	7	0	12	0	2	5	0	0	7	32
5:00 PM	0	0	0	0	0	0	0	1	1	0	0	2	0	0	2	1	0	3	0	0	1	0	0	1	6
5:15 PM	0	0	0	1	0	1	0	2	2	2	0	6	0	0	2	0	0	2	0	0	0	0	0	0	9
5:30 PM	0	1	0	0	0	1	0	2	2	1	0	5	0	0	4	0	0	4	0	0	0	0	0	0	10
5:45 PM	0	2	2	0	0	4	0	0	0	1	0	1	0	0	0	2	0	2	0	0	2	0	0	2	9
Hourly 'Heavy Vehicles'	0	3	2	1	0	6	0	5	5	4	0	14	0	0	8	3	0	11	0	0	3	0	0	3	34
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	0	2	0	0	0	2	6
6:15 PM	0	0	2	0	0	2	0	1	0	1	0	2	0	0	0	1	0	1	0	0	1	0	0	1	6
6:30 PM	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	1	0	2	0	0	0	0	0	0	4
6:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0	2	5
Hourly 'Heavy Vehicles'	0	0	3	1	0	4	0	1	1	1	0	3	0	1	6	2	0	9	0	2	3	0	0	5	21
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	2	0	2
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	3
7:30 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	3	2	0	5	0	0	0	0	0	0	6
7:45 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
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	1	0	0	1	0	1	5	3	0	9	0	0	3	0	2	3	14
8:00 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
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	0	2	3
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	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	4	0	0	5	6
9:00 PM	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
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	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	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	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	1	0	0	1	0	1	0	0	0	1	2
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	1	0	0	1	1
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	1	0	0	1	1
DAILY 'Heavy Vehicles'	0	40	187	55	0	282	0	120	76	34	0	230	0	60	167	101	0	328	0	58	82	43	2	183	1023

Traffic Signal Warrant Analysis

Warrants 1 - 3 (Volume Warrants)

TMC	2593
Date	11/19/2025
Intersection Geometrics	Signal

Intersection Information			
Major Street (N/S Road)	CSAH 23	Minor Street (E/W Road)	CSAH 14
Analyzed with	2 or more approach lanes	Analyzed with	2 or more approach lanes
Total Approach Volume	10372 vehicles	Total Approach Volume	8815 vehicles
Total Ped/Bike Volume	3 crossings	Total Ped/Bike Volume	4 crossings
Right turn reduction of	0 percent applied	Right turn reduction of	100% applied for EB/WB

No high speed or isolated community reduction applied to the Volume Warrant thresholds.

Warrant 1, Eight Hour Vehicular Volume			
	Condition A	Condition B	Condition A+B*
Condition Satisfied?	Satisfied	Not Satisfied	Satisfied
Required values reached for	13 hours	7 hours	14 (Cond. A) & 11 (Cond. B)
Criteria - Major Street (veh/hr)	420	630	336 (Cond. A) & 504 (Cond. B)
Criteria - Minor Street (veh/hr)	140	70	112 (Cond. A) & 56 (Cond. B)

* Should be applied only after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems.

Warrant 2, Four Hour Vehicular Volume	
Condition Satisfied?	Satisfied
Required values reached for	12 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	Condition B
Condition Satisfied?	Not Examined	Satisfied
Required values reached for		7 hours
Criteria - Total Approach Volume (veh in one hour)		See Figure Below
Criteria - Minor Street High Side Volume (veh in one hour)		
Criteria - Minor Street High Side Delay (veh-hrs)		

Figure 4C-2 (Warrant 2 - 70% Factor) & Figure 4C-4 (Warrant 3 - 70% Factor)

