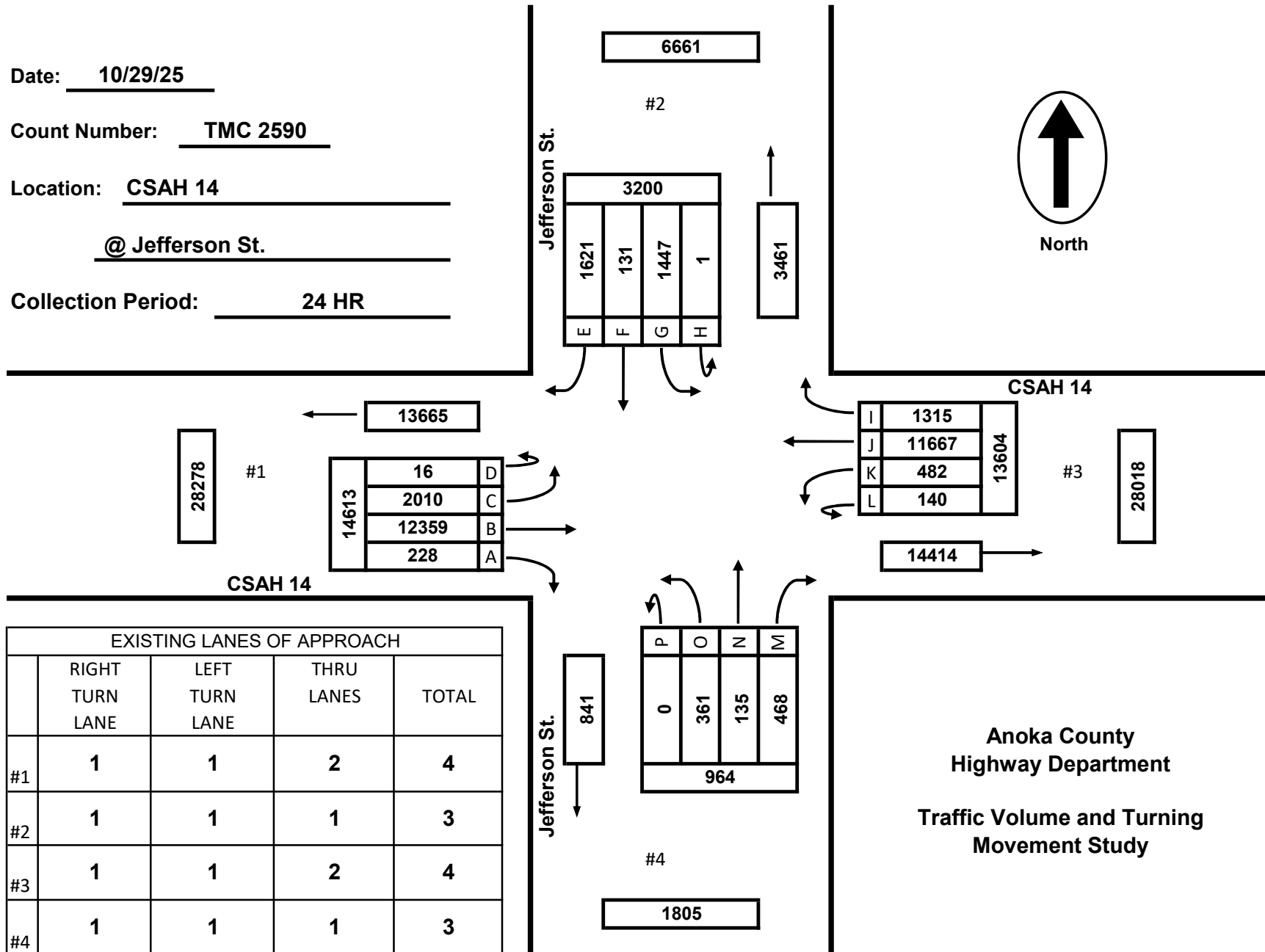


Date: 10/29/25

Count Number: TMC 2590

Location: CSAH 14
@ Jefferson St.

Collection Period: 24 HR



Date: 10/29/25

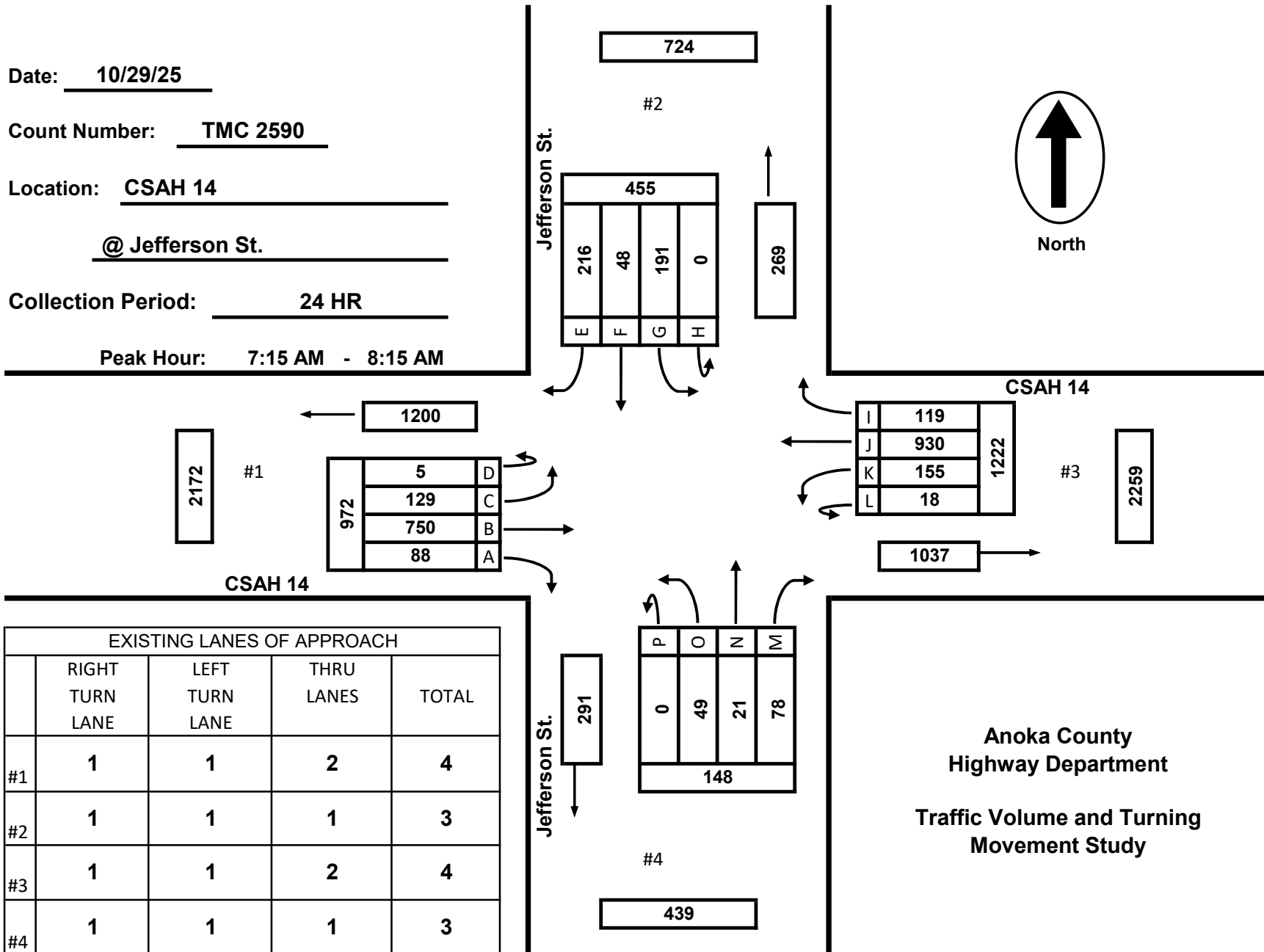
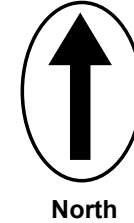
Count Number: TMC 2590

Location: CSAH 14

@ Jefferson St.

Collection Period: 24 HR

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



**Anoka County
Highway Department**
**Traffic Volume and Turning
Movement Study**

Date: 10/29/25

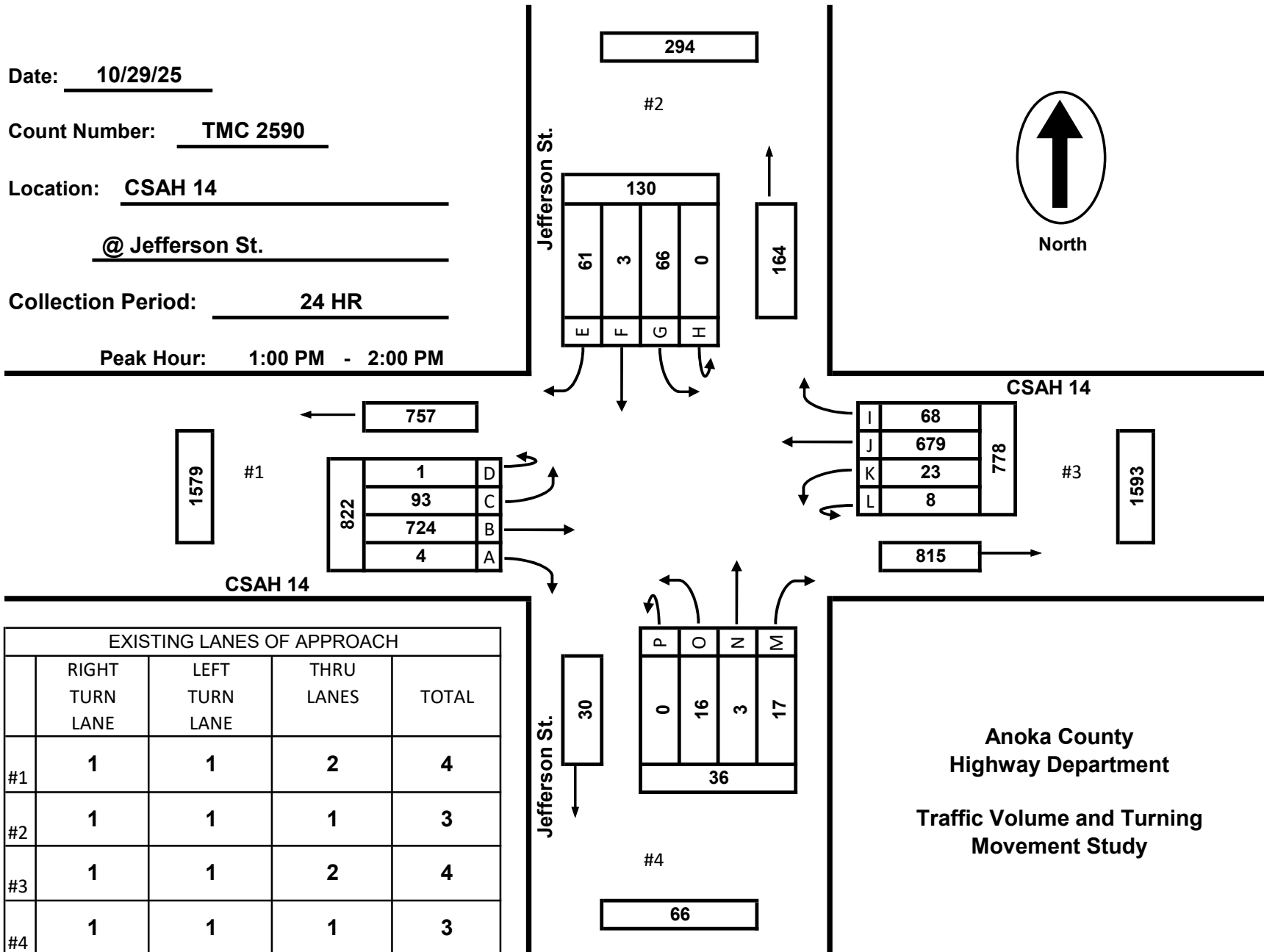
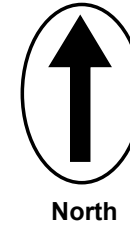
Count Number: TMC 2590

Location: CSAH 14

@ Jefferson St.

Collection Period: 24 HR

Peak Hour: 1:00 PM - 2:00 PM



Date: 10/29/25

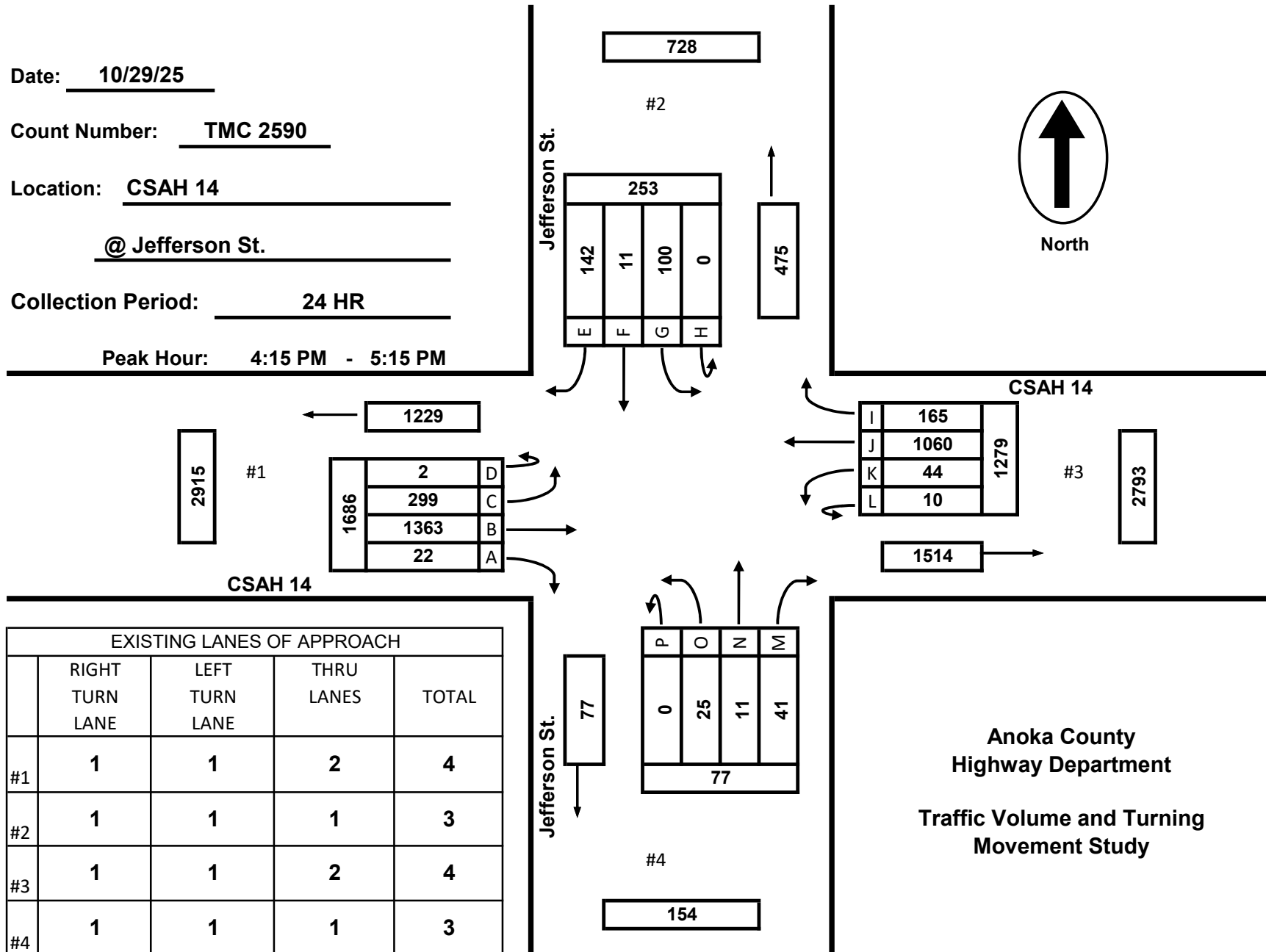
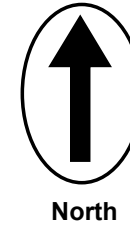
Count Number: TMC 2590

Location: CSAH 14

@ Jefferson St.

Collection Period: 24 HR

Peak Hour: 4:15 PM - 5:15 PM



Anoka County
Highway Department
Traffic Volume and Turning
Movement Study

**TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN
Wednesday, October 29, 2025**

Time	Southbound Jefferson St.						Westbound CSAH 14						Northbound Jefferson St.						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	
12:00 AM	0	0	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	0	0	0	27	0	0	27	43
12:15 AM	0	1	0	0	0	1	0	0	6	1	0	7	0	0	0	0	0	0	0	2	13	0	0	15	23
12:30 AM	0	1	0	0	0	1	0	1	5	1	0	7	0	0	0	0	0	0	0	2	9	0	0	11	19
12:45 AM	0	1	0	0	0	1	0	0	7	0	0	7	0	0	0	0	0	0	0	2	7	0	0	9	17
Hourly Total	0	3	0	0	0	3	0	1	34	2	0	37	0	0	0	0	0	0	0	6	56	0	0	62	102
1:00 AM	0	1	0	1	0	2	0	0	5	1	0	6	0	0	0	0	0	0	0	1	8	0	0	9	17
1:15 AM	0	1	1	0	0	2	0	1	3	0	0	4	0	0	0	0	0	0	0	3	8	0	0	11	17
1:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	1	0	1	0	1	5	0	0	6	10
1:45 AM	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	0	1	7	0	0	8	13
Hourly Total	0	2	1	1	0	4	0	1	15	2	0	18	0	0	0	1	0	1	0	6	28	0	0	34	57
2:00 AM	0	1	0	0	0	1	0	0	9	1	0	10	0	0	0	0	0	0	0	1	7	0	0	8	19
2:15 AM	0	0	0	0	0	0	1	0	6	0	0	7	0	0	0	0	0	0	0	1	6	0	0	7	14
2:30 AM	0	2	0	0	0	2	0	0	12	1	0	13	0	0	0	0	0	0	0	0	7	0	0	7	22
2:45 AM	0	2	0	2	0	4	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	0	0	6	12
Hourly Total	0	5	0	2	0	7	1	0	29	2	0	32	0	0	0	0	0	0	0	2	26	0	0	28	67
3:00 AM	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	0	8	0	0	8	15
3:15 AM	0	1	0	2	0	3	0	0	2	0	0	2	0	0	0	0	0	0	0	0	8	0	0	8	13
3:30 AM	0	1	0	1	0	2	0	0	7	1	0	8	0	0	0	0	0	0	0	0	6	0	0	6	16
3:45 AM	0	0	0	1	0	1	0	0	10	0	0	10	0	0	0	0	0	0	0	0	10	0	0	10	21
Hourly Total	0	3	0	4	0	7	0	0	25	1	0	26	0	0	0	0	0	0	0	0	32	0	0	32	65
4:00 AM	0	1	0	0	0	1	0	0	5	0	0	5	0	0	0	0	0	0	0	0	8	0	0	8	14
4:15 AM	0	1	0	0	0	1	0	0	15	0	0	15	0	0	0	2	0	2	0	3	13	0	0	16	34
4:30 AM	0	5	0	10	0	15	0	0	26	0	0	26	0	0	0	0	0	0	0	1	23	0	0	24	65
4:45 AM	0	1	0	5	0	6	0	0	19	0	0	19	0	0	0	0	0	0	0	4	22	0	0	26	51
Hourly Total	0	8	0	15	0	23	0	0	65	0	0	65	0	0	0	2	0	2	0	8	66	0	0	74	164
5:00 AM	0	1	0	10	0	11	0	1	26	1	0	28	0	1	0	0	0	1	0	2	27	0	0	29	69
5:15 AM	0	2	1	11	0	14	0	1	38	0	0	39	0	0	0	2	0	2	0	4	39	0	0	43	98
5:30 AM	0	5	0	11	0	16	0	0	60	2	0	62	0	4	0	2	0	6	0	4	60	0	0	64	148
5:45 AM	0	8	0	14	0	22	0	0	58	2	2	60	0	2	0	1	0	3	0	3	55	0	0	58	143
Hourly Total	0	16	1	46	0	63	0	2	182	5	2	189	0	7	0	5	0	12	0	13	181	0	0	194	458
6:00 AM	0	10	0	24	0	34	0	1	100	3	0	104	0	0	0	1	0	1	0	1	78	0	0	79	218
6:15 AM	0	16	2	16	0	34	0	1	104	8	0	113	0	2	0	1	0	3	0	8	92	1	0	101	251
6:30 AM	0	16	0	21	0	37	1	4	134	10	0	149	0	3	0	1	0	4	0	11	137	2	0	150	340
6:45 AM	0	14	1	41	0	56	2	0	208	33	0	243	0	3	0	0	0	3	0	21	155	6	0	182	484
Hourly Total	0	56	3	102	0	161	3	6	546	54	0	609	0	8	0	3	0	11	0	41	462	9	0	512	1293
7:00 AM	0	28	1	56	0	85	1	9	349	110	0	469	0	3	0	2	0	5	1	27	141	5	0	174	733
7:15 AM	0	32	1	20	0	53	7	20	306	37	0	370	0	8	0	1	0	9	3	26	161	17	0	207	639
7:30 AM	0	37	7	47	0	91	6	18	198	29	1	251	0	6	3	6	2	15	2	29	235	24	0	290	647
7:45 AM	0	46	14	61	0	121	2	48	273	28	0	351	0	10	2	24	0	36	0	47	177	18	0	242	750
Hourly Total	0	143	23	184	0	350	16	95	1126	204	1	1441	0	27	5	33	2	65	6	129	714	64	0	913	2769

**TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN
Wednesday, October 29, 2025**

Time	Southbound Jefferson St.						Westbound CSAH 14						Northbound Jefferson St.						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	76	26	88	0	190	3	69	153	25	1	250	0	25	16	47	1	88	0	27	177	29	0	233	761
8:15 AM	0	25	9	44	0	78	1	40	179	13	0	233	0	36	20	61	0	117	0	11	168	12	0	191	619
8:30 AM	0	21	1	30	0	52	5	4	181	8	0	198	0	5	1	7	0	13	0	10	174	1	0	185	448
8:45 AM	0	13	0	20	0	33	3	2	144	11	0	160	0	2	1	3	0	6	0	16	150	1	0	167	366
Hourly Total	0	135	36	182	0	353	12	115	657	57	1	841	0	68	38	118	1	224	0	64	669	43	0	776	2194
9:00 AM	0	16	0	27	0	43	5	1	132	6	0	144	0	2	2	7	0	11	0	20	132	2	0	154	352
9:15 AM	0	6	2	22	0	30	2	3	196	11	0	212	0	5	1	7	0	13	0	19	136	2	1	157	412
9:30 AM	0	12	0	17	0	29	1	3	162	13	0	179	0	6	2	1	1	9	0	22	119	1	0	142	359
9:45 AM	0	21	0	16	0	37	2	4	156	16	0	178	0	6	4	2	2	12	0	12	141	0	0	153	380
Hourly Total	0	55	2	82	0	139	10	11	646	46	0	713	0	19	9	17	3	45	0	73	528	5	1	606	1503
10:00 AM	0	14	0	14	0	28	2	5	139	15	0	161	0	2	0	5	0	7	1	16	151	0	0	168	364
10:15 AM	0	13	0	14	0	27	3	3	144	5	0	155	0	3	2	4	0	9	0	12	152	1	0	165	356
10:30 AM	0	17	0	23	0	40	1	1	167	6	0	175	0	3	1	3	0	7	0	12	134	0	0	146	368
10:45 AM	0	13	1	17	0	31	2	1	181	11	1	195	0	4	0	8	2	12	0	14	149	1	0	164	402
Hourly Total	0	57	1	68	0	126	8	10	631	37	1	686	0	12	3	20	2	35	1	54	586	2	0	643	1490
11:00 AM	0	23	2	17	0	42	3	2	186	11	0	202	0	2	0	7	0	9	1	21	167	1	0	190	443
11:15 AM	0	15	2	22	0	39	2	5	153	18	0	178	0	2	1	6	0	9	0	23	162	0	0	185	411
11:30 AM	0	13	2	11	0	26	2	6	177	12	0	197	0	6	0	6	0	12	1	15	156	0	0	172	407
11:45 AM	0	15	0	18	0	33	1	6	168	13	0	188	0	4	0	4	0	8	0	20	162	0	0	182	411
Hourly Total	0	66	6	68	0	140	8	19	684	54	0	765	0	14	1	23	0	38	2	79	647	1	0	729	1672
12:00 PM	0	13	1	11	0	25	2	2	175	11	0	190	0	3	2	2	0	7	0	29	186	2	0	217	439
12:15 PM	0	18	0	21	0	39	2	6	162	19	0	189	0	8	1	1	1	10	0	21	169	2	0	192	430
12:30 PM	0	12	0	14	0	26	4	6	167	13	0	190	0	5	0	4	0	9	0	17	183	0	0	200	425
12:45 PM	0	15	1	13	0	29	4	8	169	16	0	197	0	1	0	2	0	3	0	25	175	0	0	200	429
Hourly Total	0	58	2	59	0	119	12	22	673	59	0	766	0	17	3	9	1	29	0	92	713	4	0	809	1723
1:00 PM	0	11	1	11	0	23	2	4	159	18	0	183	0	1	1	4	0	6	0	16	182	1	0	199	411
1:15 PM	0	17	0	15	0	32	3	2	151	15	0	171	0	4	0	4	0	8	0	31	170	0	0	201	412
1:30 PM	0	19	0	18	0	37	1	8	178	11	0	198	0	3	0	8	0	11	1	24	172	1	0	198	444
1:45 PM	0	19	2	17	0	38	2	9	191	24	0	226	0	8	2	1	0	11	0	22	200	2	0	224	499
Hourly Total	0	66	3	61	0	130	8	23	679	68	0	778	0	16	3	17	0	36	1	93	724	4	0	822	1766
2:00 PM	0	44	2	26	0	72	0	9	150	23	0	182	0	5	5	5	1	15	0	40	169	3	0	212	481
2:15 PM	0	79	3	30	2	112	1	15	162	20	0	198	0	2	1	3	7	6	0	48	294	9	0	351	667
2:30 PM	0	59	6	32	2	97	5	11	149	16	2	181	0	3	0	3	1	6	0	53	261	10	2	324	608
2:45 PM	0	34	2	14	0	50	2	11	182	24	0	219	0	0	0	7	3	7	0	50	262	6	0	318	594
Hourly Total	0	216	13	102	4	331	8	46	643	83	2	780	0	10	6	18	12	34	0	191	986	28	2	1205	2350
3:00 PM	0	43	2	65	0	110	5	5	191	30	38	231	0	21	7	23	3	51	1	60	187	4	0	252	644
3:15 PM	0	36	3	45	3	84	2	19	212	30	3	263	0	29	12	50	2	91	0	48	290	4	0	342	780
3:30 PM	0	34	4	35	0	73	0	5	206	18	0	229	0	18	4	8	4	30	0	63	247	0	3	310	642
3:45 PM	0	42	1	26	0	69	0	5	228	28	0	261	0	8	1	11	5	20	0	61	315	0	0	376	726
Hourly Total	0	155	10	171	3	336	7	34	837	106	41	984	0	76	24	92	14	192	1	232	1039	8	3	1280	2792

**TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN
Wednesday, October 29, 2025**

Time	Southbound Jefferson St.						Westbound CSAH 14						Northbound Jefferson St.						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	27	4	34	4	65	3	1	230	36	0	270	0	5	2	4	0	11	0	60	280	3	0	343	689
4:15 PM	0	19	4	29	0	52	1	6	250	41	0	298	0	10	0	7	5	17	0	74	347	4	5	425	792
4:30 PM	0	30	3	40	0	73	2	10	280	37	3	329	0	3	2	6	6	11	0	74	358	2	1	434	847
4:45 PM	0	26	3	35	0	64	6	19	253	50	0	328	0	5	8	17	0	30	1	82	354	11	0	448	870
Hourly Total	0	102	14	138	4	254	12	36	1013	164	3	1225	0	23	12	34	11	69	1	290	1339	20	6	1650	3198
5:00 PM	0	25	1	38	0	64	1	9	277	37	0	324	0	7	1	11	0	19	1	69	304	5	0	379	786
5:15 PM	0	26	1	25	0	52	1	6	254	50	0	311	0	1	2	7	1	10	1	83	310	0	0	394	767
5:30 PM	0	23	0	30	0	53	0	5	205	24	0	234	0	0	5	5	1	10	0	49	277	7	0	333	630
5:45 PM	0	24	3	21	0	48	1	5	264	20	0	290	0	7	1	13	1	21	0	51	247	6	0	304	663
Hourly Total	0	98	5	114	0	217	3	25	1000	131	0	1159	0	15	9	36	3	60	2	252	1138	18	0	1410	2846
6:00 PM	0	21	1	21	0	43	2	3	171	17	0	193	0	10	3	6	0	19	0	43	250	6	0	299	554
6:15 PM	0	17	1	22	1	40	2	10	185	26	1	223	0	3	1	7	1	11	1	27	202	1	1	231	505
6:30 PM	0	18	5	19	1	42	1	3	172	22	1	198	0	1	2	0	0	3	0	35	189	7	1	231	474
6:45 PM	0	16	1	9	0	26	2	1	175	16	0	194	0	3	0	1	0	4	0	26	155	0	0	181	405
Hourly Total	0	72	8	71	2	151	7	17	703	81	2	808	0	17	6	14	1	37	1	131	796	14	2	942	1938
7:00 PM	0	12	0	12	0	24	0	1	153	19	0	173	0	6	5	7	0	18	0	28	175	1	0	204	419
7:15 PM	0	16	0	15	0	31	4	1	155	14	0	174	0	4	1	3	0	8	1	22	138	0	0	161	374
7:30 PM	0	14	0	15	0	29	5	1	141	10	0	157	0	5	1	4	0	10	0	13	140	0	0	153	349
7:45 PM	1	12	1	10	0	24	9	2	116	13	0	140	0	4	0	5	0	9	0	16	153	2	0	171	344
Hourly Total	1	54	1	52	0	108	18	5	565	56	0	644	0	19	7	19	0	45	1	79	606	3	0	689	1486
8:00 PM	0	10	0	17	0	27	0	1	105	13	0	119	0	6	4	2	0	12	0	21	134	1	0	156	314
8:15 PM	0	7	0	12	0	19	0	4	114	12	0	130	0	1	2	1	0	4	0	27	116	0	0	143	296
8:30 PM	0	18	1	10	0	29	1	4	80	15	0	100	0	0	2	1	0	3	0	18	101	0	0	119	251
8:45 PM	0	8	0	7	0	15	0	1	67	10	0	78	0	0	0	0	0	0	0	18	83	0	0	101	194
Hourly Total	0	43	1	46	0	90	1	10	366	50	0	427	0	7	8	4	0	19	0	84	434	1	0	519	1055
9:00 PM	0	14	0	15	0	29	0	1	73	12	0	86	0	0	0	0	0	0	0	22	93	0	0	115	230
9:15 PM	0	7	0	9	0	16	4	2	61	7	0	74	0	1	1	1	0	3	0	18	80	1	0	99	192
9:30 PM	0	2	0	7	0	9	1	0	66	8	0	75	0	2	0	0	0	2	0	11	84	0	0	95	181
9:45 PM	0	1	0	6	0	7	0	0	81	5	0	86	0	0	0	0	0	0	0	5	71	0	0	76	169
Hourly Total	0	24	0	37	0	61	5	3	281	32	0	321	0	3	1	1	0	5	0	56	328	1	0	385	772
10:00 PM	0	2	1	3	0	6	0	1	51	6	0	58	0	0	0	0	0	0	0	3	58	1	0	62	126
10:15 PM	0	2	0	5	0	7	1	0	48	6	0	55	0	0	0	1	0	1	0	9	41	0	0	50	113
10:30 PM	0	1	0	2	0	3	0	0	38	1	0	39	0	1	0	1	0	2	0	5	42	0	0	47	91
10:45 PM	0	3	0	1	0	4	0	0	33	1	0	34	0	1	0	0	0	1	0	2	28	2	0	32	71
Hourly Total	0	8	1	11	0	20	1	1	170	14	0	186	0	2	0	2	0	4	0	19	169	3	0	191	401
11:00 PM	0	1	0	2	0	3	0	0	42	1	0	43	0	0	0	0	0	0	0	3	20	0	0	23	69
11:15 PM	0	1	0	1	0	2	0	0	12	3	0	15	0	0	0	0	0	0	0	2	30	0	0	32	49
11:30 PM	0	0	0	2	0	2	0	0	27	3	0	30	0	1	0	0	0	1	0	5	21	0	0	26	59
11:45 PM	0	0	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	0	0	6	21	0	0	27	43
Hourly Total	0	2	0	5	0	7	0	0	97	7	0	104	0	1	0	0	0	1	0	16	92	0	0	108	220
DAILY TOTAL	1	1447	131	1621	13	3200	140	482	11667	1315	53	13604	0	361	135	468	50	964	16	2010	12359	228	14	14613	32381
Cars	1	1389	130	1587	12	3107	139	474	11432	1288	50	13333	0	354	134	464	24	952	16	1976	12009	227	6	14228	31620
Heavy Vehicles	0	58	1	34	1	93	1	8	235	27	3	271	0	7	1	4	26	12	0	34	350	1	8	385	761
Heavy Vehicle %	0.00%	4.01%	0.76%	2.10%	7.69%	2.91%	0.71%	1.66%	2.01%	2.05%	5.66%	1.99%	0.00%	1.94%	0.74%	0.85%	52.00%	1.24%	0.00%	1.69%	2.83%	0.44%	57.14%	2.63%	2.35%

TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN
Wednesday, October 29, 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	
7:15 AM	0	32	1	20	0	53	7	20	306	37	0	370	0	8	0	1	0	9	3	26	161	17	0	207	639
7:30 AM	0	37	7	47	0	91	6	18	198	29	1	251	0	6	3	6	2	15	2	29	235	24	0	290	647
7:45 AM	0	46	14	61	0	121	2	48	273	28	0	351	0	10	2	24	0	36	0	47	177	18	0	242	750
8:00 AM	0	76	26	88	0	190	3	69	153	25	1	250	0	25	16	47	1	88	0	27	177	29	0	233	761
Peak Hour Total	0	191	48	216	0	455	18	155	930	119	2	1222	0	49	21	78	3	148	5	129	750	88	0	972	2797
Peak Hour Heavy Vehicles	0	19	0	4	0	23	0	2	18	2	0	22	0	0	0	1	0	1	0	3	40	0	0	43	89
Peak Hour Heavy Vehicles % PHF	0.00%	9.95%	0.00%	1.85%	0.00%	5.05%	0.00%	1.29%	1.94%	1.68%	0.00%	1.80%	0.00%	0.00%	0.00%	1.28%	0.00%	0.68%	0.00%	2.33%	5.33%	0.00%	0.00%	4.42%	3.18%
	0.000	0.628	0.462	0.614	0.000	0.599	0.643	0.562	0.760	0.804	0.500	0.826	0.000	0.490	0.328	0.415	0.375	0.420	0.417	0.686	0.798	0.759	0.000	0.838	0.919

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	
1:00 PM	0	11	1	11	0	23	2	4	159	18	0	183	0	1	1	4	0	6	0	16	182	1	0	199	411
1:15 PM	0	17	0	15	0	32	3	2	151	15	0	171	0	4	0	4	0	8	0	31	170	0	0	201	412
1:30 PM	0	19	0	18	0	37	1	8	178	11	0	198	0	3	0	8	0	11	1	24	172	1	0	198	444
1:45 PM	0	19	2	17	0	38	2	9	191	24	0	226	0	8	2	1	0	11	0	22	200	2	0	224	499
Peak Hour Total	0	66	3	61	0	130	8	23	679	68	0	778	0	16	3	17	0	36	1	93	724	4	0	822	1766
Peak Hour Heavy Vehicles	0	0	0	5	0	5	0	0	13	1	0	14	0	0	0	0	0	0	0	4	23	0	0	27	46
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	8.20%	0.00%	3.85%	0.00%	0.00%	1.91%	1.47%	0.00%	1.80%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	4.30%	3.18%	0.00%	0.00%	3.28%	2.60%
	0.000	0.868	0.375	0.847	0.000	0.855	0.667	0.639	0.889	0.708	0.000	0.861	0.000	0.500	0.375	0.531	0.000	0.818	0.250	0.750	0.905	0.500	0.000	0.917	0.885

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	
4:15 PM	0	19	4	29	0	52	1	6	250	41	0	298	0	10	0	7	5	17	0	74	347	4	5	425	792
4:30 PM	0	30	3	40	0	73	2	10	280	37	3	329	0	3	2	6	6	11	0	74	358	2	1	434	847
4:45 PM	0	26	3	35	0	64	6	19	253	50	0	328	0	5	8	17	0	30	1	82	354	11	0	448	870
5:00 PM	0	25	1	38	0	64	1	9	277	37	0	324	0	7	1	11	0	19	1	69	304	5	0	379	786
Peak Hour Total	0	100	11	142	0	253	10	44	1060	165	3	1279	0	25	11	41	11	77	2	299	1363	22	6	1686	3295
Peak Hour Heavy Vehicles	0	0	0	2	0	2	0	0	29	5	0	34	0	0	0	0	0	0	0	5	18	0	5	23	59
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	1.41%	0.00%	0.79%	0.00%	0.00%	2.74%	3.03%	0.00%	2.66%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.67%	1.32%	0.00%	83.33%	1.36%	1.79%
	0.000	0.833	0.688	0.888	0.000	0.866	0.417	0.579	0.946	0.825	0.250	0.972	0.000	0.625	0.344	0.603	0.458	0.642	0.500	0.912	0.952	0.500	0.300	0.941	0.947

Total Vehicles On Leg			6661		
Vehicles Entering Intersection 3200			Vehicles Exiting Intersection 3461		
Southbound					
Cars	1587	130	1389	1	12
Heavy	34	1	58	0	1
Total	1621	131	1447	1	13



Total Vehicles on Leg 28278	Vehicles Entering Intersection 14613	Eastbound	Cars	Heavy	Total
			6	8	14
			16	0	16
	Vehicles Exiting Intersection 13665		1976	34	2010
			12009	350	12359
			227	1	228



Daily Volumes

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 13604	Total Vehicles on Leg 28018
1288	27	1315			
11432	235	11667			
474	8	482			
139	1	140			
50	3	53			
				Vehicles Exiting Intersection 14414	



Cars	24	0	354	134	464
Heavy	26	0	7	1	4
Total	50	0	361	135	468
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
964			841		
Total Vehicles On Leg			1805		

TMC 2590 - CSAH 14 @ Jefferson St.
Blaine, MN
Wednesday, October 29, 2025

Time	Southbound Heavy Jefferson St.						Westbound Heavy CSAH 14						Northbound Heavy Jefferson St.						Eastbound Heavy 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	
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	1	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	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	1	0	0	1	1
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	1	0	0	1	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	1	1
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	1	0	0	1	1
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	1	0	0	1	1
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	1	0	0	1	1
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 AM	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
4:30 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3
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	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	4
5:00 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
5:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
5:30 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
5:45 AM	0	1	0	0	0	1	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Hourly 'Heavy Vehicles'	0	1	1	0	0	2	0	0	1	1	2	2	0	0	0	0	0	0	0	0	4	0	0	4	8
6:00 AM	0	0	0	1	0	1	0	1	1	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	6
6:15 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	7	0	0	7	9
6:30 AM	0	0	0	2	0	2	0	1	2	1	0	4	0	0	0	1	0	1	0	0	9	0	0	9	16
6:45 AM	0	1	0	1	0	2	0	0	5	0	0	5	0	0	0	0	0	0	0	0	4	0	0	4	11
Hourly 'Heavy Vehicles'	0	1	0	5	0	6	0	2	8	1	0	11	0	1	0	1	0	2	0	0	23	0	0	23	42
7:00 AM	0	1	0	2	0	3	0	0	23	0	0	23	0	0	0	0	0	0	0	1	8	0	0	9	35
7:15 AM	0	1	0	2	0	3	0	0	3	0	0	3	0	0	0	0	0	0	0	1	10	0	0	11	17
7:30 AM	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	1	1	1	0	0	9	0	0	9	13
7:45 AM	0	1	0	2	0	3	0	1	6	1	0	8	0	0	0	0	0	0	0	2	5	0	0	7	18
Hourly 'Heavy Vehicles'	0	3	0	6	0	9	0	1	34	2	0	37	0	0	0	1	1	1	0	4	32	0	0	36	83

TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN

Wednesday, October 29, 2025

	Southbound Heavy Jefferson St.						Westbound Heavy CSAH 14						Northbound Heavy Jefferson St.						Eastbound Heavy CSAH 14						VEHICLE 'Heavy Vehicles'	
Time	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	17	0	0	0	17	0	1	7	0	0	8	0	0	0	0	0	0	0	0	0	16	0	0	16	41
8:15 AM	0	3	0	3	0	6	1	0	11	0	0	12	0	0	0	0	0	0	0	0	10	0	0	10	28	
8:30 AM	0	0	0	2	0	2	0	0	5	0	0	5	0	0	0	0	0	0	0	0	2	13	0	0	15	22
8:45 AM	0	1	0	0	0	1	0	1	3	0	0	4	0	0	0	1	0	1	0	0	9	0	0	9	15	
Hourly 'Heavy Vehicles'	0	21	0	5	0	26	1	2	26	0	0	29	0	0	0	1	0	1	0	2	48	0	0	50	106	
9:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	1	7	0	0	8	10	
9:15 AM	0	0	0	1	0	1	0	0	10	2	0	12	0	0	0	1	0	1	0	0	2	0	0	2	16	
9:30 AM	0	0	0	0	0	0	0	0	9	0	0	9	0	1	0	0	1	1	0	0	9	0	0	9	19	
9:45 AM	0	0	0	0	0	0	0	1	7	0	0	8	0	1	1	0	2	2	0	0	11	0	0	11	21	
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	1	28	2	0	31	0	2	1	1	3	4	0	1	29	0	0	30	66	
10:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	7	0	0	7	9	
10:15 AM	0	0	0	1	0	1	0	0	3	1	0	4	0	0	0	0	0	0	0	0	5	0	0	5	10	
10:30 AM	0	2	0	0	0	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	6	0	0	6	10	
10:45 AM	0	2	0	0	0	2	0	0	5	2	0	7	0	0	0	0	0	0	0	1	10	0	0	11	20	
Hourly 'Heavy Vehicles'	0	4	0	1	0	5	0	0	12	3	0	15	0	0	0	0	0	0	0	1	28	0	0	29	49	
11:00 AM	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	10	0	0	10	13	
11:15 AM	0	0	0	1	0	1	0	0	6	1	0	7	0	0	0	0	0	0	0	1	3	0	0	4	12	
11:30 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	8	0	0	8	11	
11:45 AM	0	0	0	1	0	1	0	1	3	0	0	4	0	1	0	0	0	1	0	0	5	0	0	5	11	
Hourly 'Heavy Vehicles'	0	1	0	2	0	3	0	1	14	1	0	16	0	1	0	0	0	1	0	1	26	0	0	27	47	
12:00 PM	0	1	0	0	0	1	0	0	4	2	0	6	0	0	0	0	0	0	0	0	10	0	0	10	17	
12:15 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	1	1	0	0	8	1	0	9	14	
12:30 PM	0	1	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	1	0	0	10	0	0	10	13	
12:45 PM	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	0	0	0	0	0	1	0	0	1	8	
Hourly 'Heavy Vehicles'	0	3	0	0	0	3	0	0	15	2	0	17	0	2	0	0	1	2	0	0	29	1	0	30	52	
1:00 PM	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	0	0	5	0	0	5	10	
1:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	7	0	0	9	10	
1:30 PM	0	0	0	3	0	3	0	0	4	0	0	4	0	0	0	0	0	0	0	1	3	0	0	4	11	
1:45 PM	0	0	0	2	0	2	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	8	0	0	9	15
Hourly 'Heavy Vehicles'	0	0	0	5	0	5	0	0	13	1	0	14	0	0	0	0	0	0	0	0	4	23	0	0	27	46
2:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4	4	0	0	8	9	
2:15 PM	0	6	0	1	0	7	0	0	5	1	0	6	0	0	0	0	4	0	0	2	14	0	0	16	29	
2:30 PM	0	2	0	1	0	3	0	0	2	0	0	2	0	0	0	0	0	0	0	1	9	0	0	10	15	
2:45 PM	0	11	0	0	0	11	0	1	10	0	0	11	0	0	0	0	1	0	0	3	11	0	0	14	36	
Hourly 'Heavy Vehicles'	0	19	0	2	0	21	0	1	18	1	0	20	0	0	0	0	5	0	0	10	38	0	0	48	89	
3:00 PM	0	3	0	1	0	4	0	0	7	1	0	8	0	0	0	0	0	0	0	2	6	0	0	8	20	
3:15 PM	0	1	0	1	1	2	0	0	1	2	1	3	0	0	0	0	2	0	0	1	11	0	0	12	17	
3:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4	0	0	0	8	0	3	8	9	
3:45 PM	0	0	0	0	0	0	0	0	8	2	0	10	0	1	0	0	3	1	0	1	4	0	0	5	16	
Hourly 'Heavy Vehicles'	0	4	0	2	1	6	0	0	17	5	1	22	0	1	0	0	9	1	0	4	29	0	3	33	62	

TMC 2590 - CSAH 14 @ Jefferson St.
Blaine MN
Wednesday, October 29, 2025

Time	Southbound Heavy Jefferson St.						Westbound Heavy CSAH 14						Northbound Heavy Jefferson St.						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	1	0	1	0	0	4	1	0	5	0	0	0	0	0	0	0	0	3	0	0	3	9
4:15 PM	0	0	0	0	0	0	0	0	3	2	0	5	0	0	0	0	3	0	0	2	6	0	5	8	13
4:30 PM	0	0	0	1	0	1	0	0	13	1	0	14	0	0	0	0	1	0	0	0	3	0	0	3	18
4:45 PM	0	0	0	0	0	0	0	0	11	2	0	13	0	0	0	0	0	0	0	0	4	0	0	4	17
Hourly 'Heavy Vehicles'	0	0	0	2	0	2	0	0	31	6	0	37	0	0	0	0	4	0	0	2	16	0	5	18	57
5:00 PM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	3	5	0	0	8	11
5:15 PM	0	0	0	0	0	0	0	0	3	2	0	5	0	0	0	0	1	0	0	1	3	0	0	4	9
5:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	4	0	0	4	5
5:45 PM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	1	0	0	0	1	0	0	1	8
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	13	2	0	15	0	0	0	0	3	0	0	4	13	0	0	17	33
6:00 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
6:15 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
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	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5
7:00 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
7:15 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
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	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	2	0	0	2	2
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	5
8:00 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
8:15 PM	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	1	0	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	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	58	1	34	1	93	1	8	235	27	3	271	0	7	1	4	26	12	0	34	350	1	8	385	761

Traffic Signal Warrant Analysis

Warrants 1 - 3 (Volume Warrants)

TMC	2590
Date	10/29/2025
Intersection Geometrics	Signal

Intersection Information			
Major Street (E/W Road)	CSAH 14	Minor Street (N/S Road)	Jefferson St.
Analyzed with	2 or more approach lanes	Analyzed with	2 or more approach lanes
Total Approach Volume	28217 vehicles	Total Approach Volume	2075 vehicles
Total Ped/Bike Volume	67 crossings	Total Ped/Bike Volume	63 crossings
Right turn reduction of	0 percent applied	Right turn reduction of	100% applied for NB/SB

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?	Not Satisfied	Satisfied	Not Satisfied
Required values reached for	4 hours	8 hours	5 (Cond. A) & 14 (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	7 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	Condition B
Condition Satisfied?	Not Examined	Satisfied
Required values reached for		6 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)

