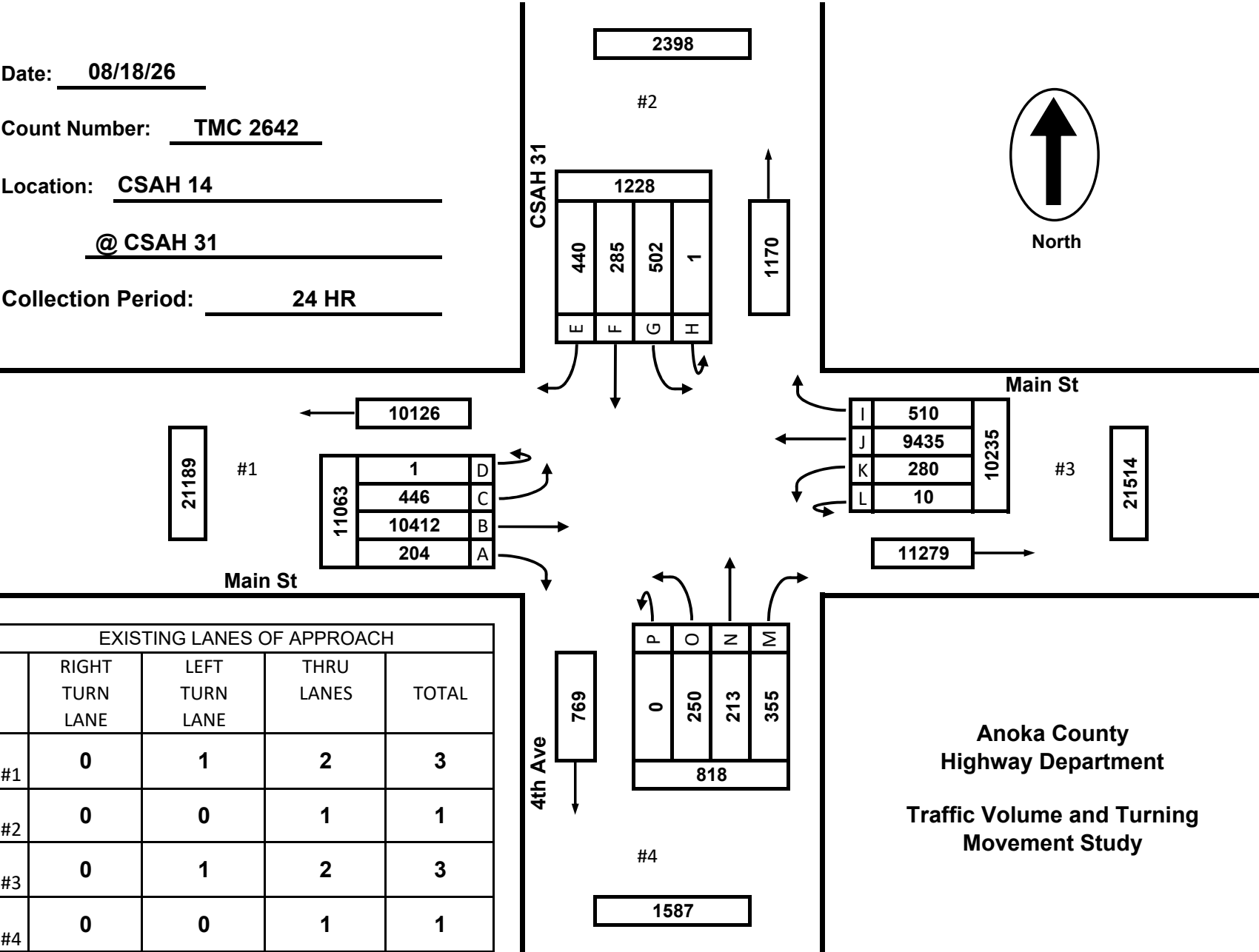


Date: 08/18/26

Count Number: TMC 2642

Location: CSAH 14
@ CSAH 31

Collection Period: 24 HR



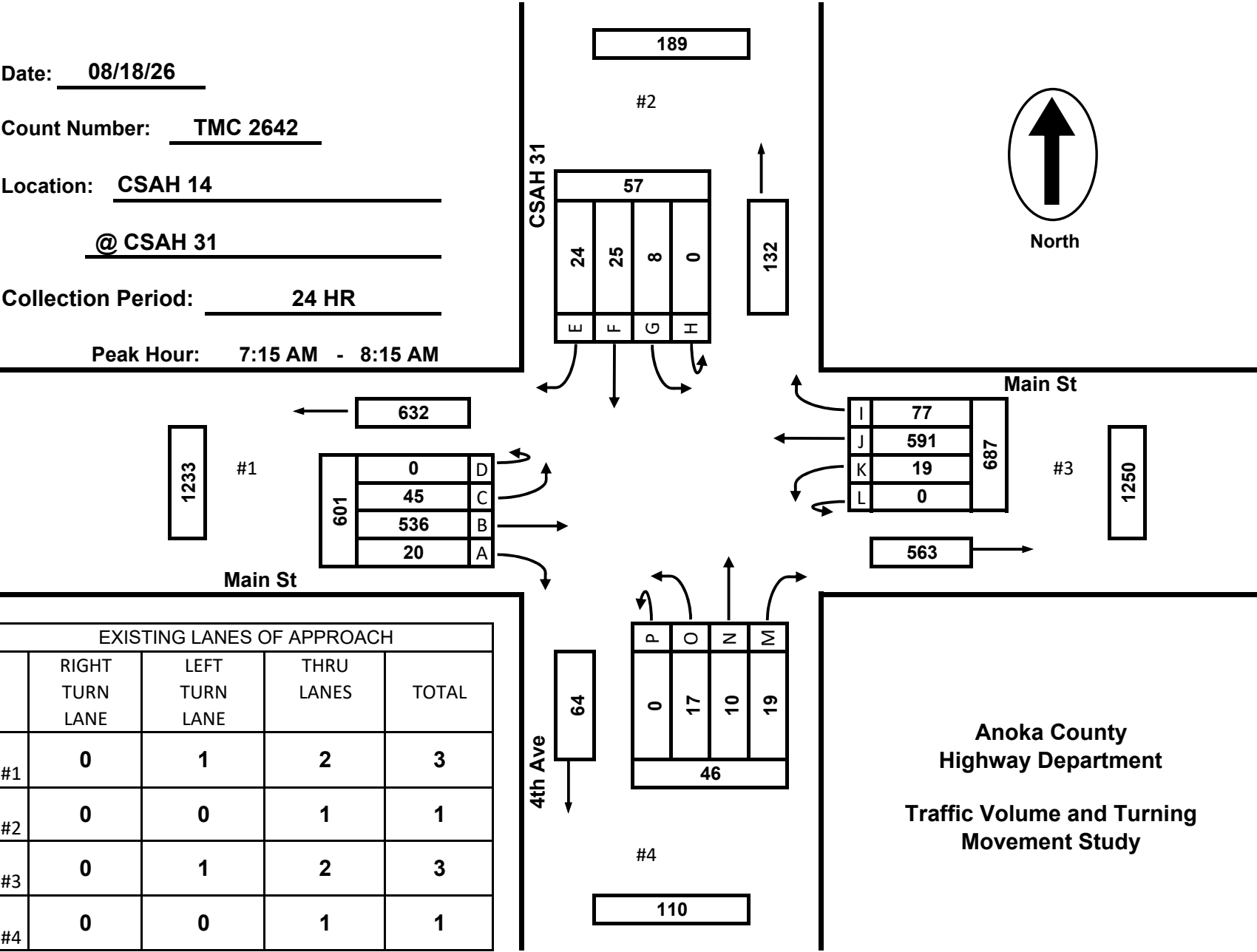
Date: 08/18/26

Count Number: TMC 2642

Location: CSAH 14
@ CSAH 31

Collection Period: 24 HR

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



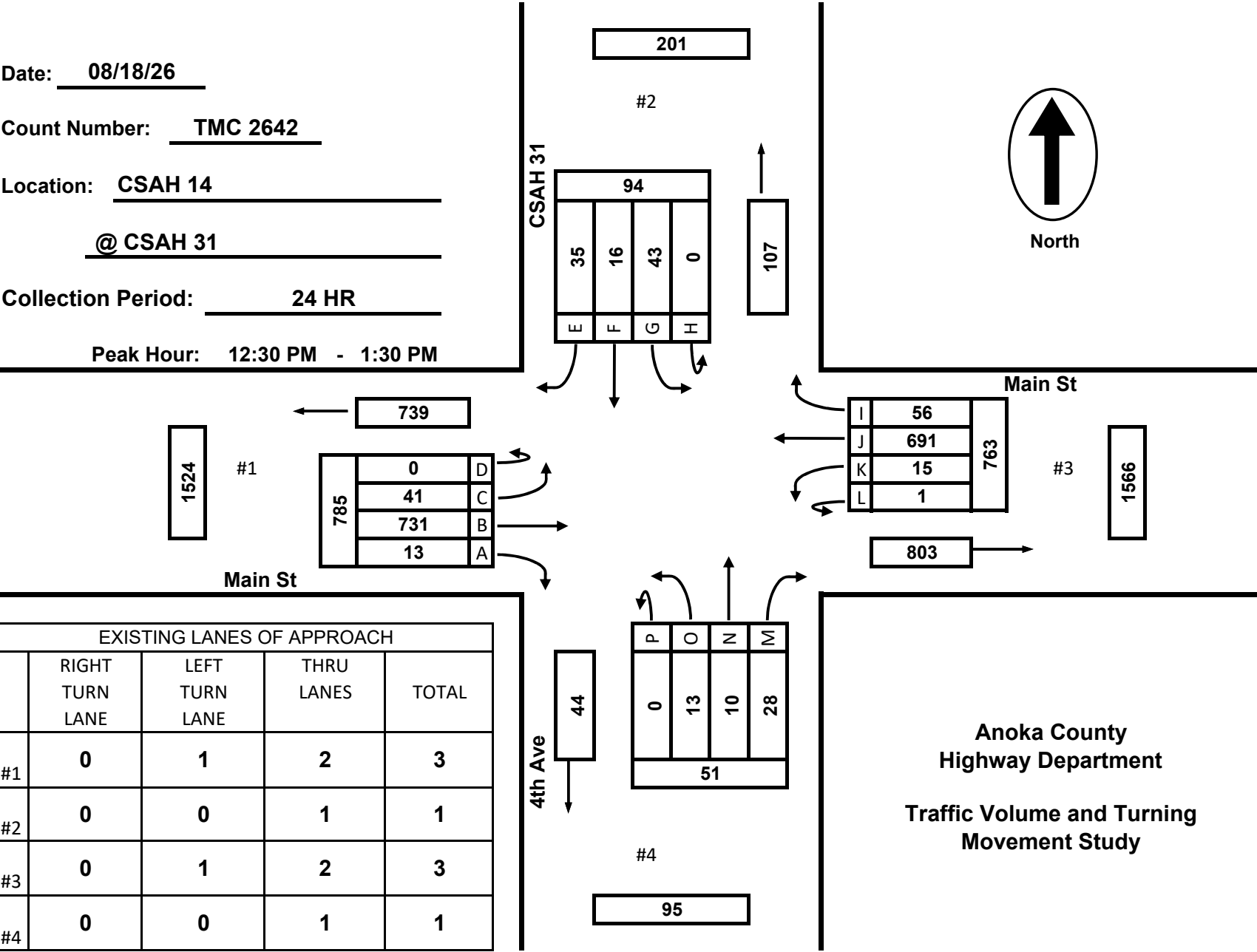
Date: 08/18/26

Count Number: TMC 2642

Location: CSAH 14
@ CSAH 31

Collection Period: 24 HR

Peak Hour: 12:30 PM - 1:30 PM



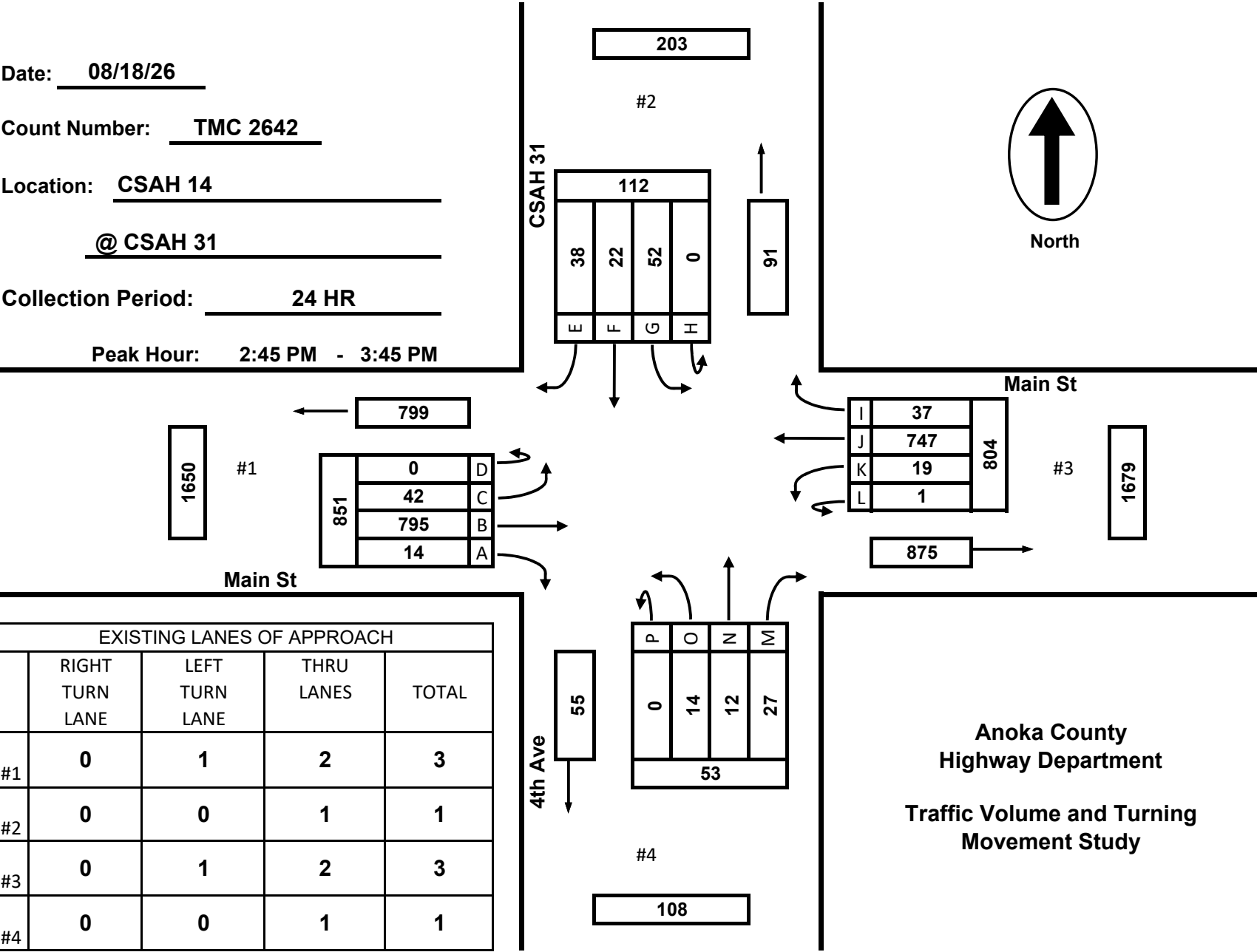
Date: 08/18/26

Count Number: TMC 2642

Location: CSAH 14
@ CSAH 31

Collection Period: 24 HR

Peak Hour: 2:45 PM - 3:45 PM



TMC 2642 - CSAH 14 @ CSAH 31
Anoka MN
Tuesday, August 18, 2026

Time	Southbound CSAH 31						Westbound Main St						Northbound 4th Ave						Eastbound Main St						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	1	0	0	0	1	0	0	16	1	0	17	0	0	1	0	0	1	0	1	12	1	0	14	33
12:15 AM	0	0	0	1	1	1	0	1	21	0	1	22	0	0	0	0	1	0	0	0	13	0	0	13	36
12:30 AM	0	0	0	0	1	0	0	0	13	0	0	13	0	0	0	0	0	0	0	0	13	0	0	13	26
12:45 AM	0	0	0	0	0	0	0	0	21	0	0	21	0	0	0	0	1	0	0	0	10	0	0	10	31
Hourly Total	0	1	0	1	2	2	0	1	71	1	1	73	0	0	1	0	2	1	0	1	48	1	0	50	126
1:00 AM	0	1	0	0	0	1	0	0	7	0	0	7	0	0	0	0	0	0	0	0	11	1	0	12	20
1:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	13	0	0	13	16
1:30 AM	0	0	1	0	0	1	0	0	12	0	0	12	0	0	1	0	0	1	0	1	10	0	0	11	25
1:45 AM	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	2	0	0	0	6	0	0	6	14
Hourly Total	0	1	1	0	0	2	0	0	30	0	0	30	0	0	1	0	2	1	0	1	40	1	0	42	75
2:00 AM	0	2	0	1	0	3	0	0	4	0	0	4	0	0	0	1	0	1	0	0	6	0	0	6	14
2:15 AM	0	2	0	0	0	2	0	0	6	1	0	7	0	0	0	0	0	0	0	1	11	0	0	12	21
2:30 AM	0	0	0	1	0	1	0	0	10	1	0	11	0	0	0	0	0	0	0	2	11	0	0	13	25
2:45 AM	0	1	0	0	0	1	0	0	10	0	0	10	0	0	0	0	0	0	0	0	7	0	0	7	18
Hourly Total	0	5	0	2	0	7	0	0	30	2	0	32	0	0	0	1	0	1	0	3	35	0	0	37	78
3:00 AM	0	1	0	0	0	1	0	0	11	0	0	11	0	0	0	0	0	0	0	0	6	0	0	6	18
3:15 AM	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	0	0	9	0	0	9	16
3:30 AM	0	2	0	0	0	2	0	0	4	0	0	4	0	2	0	0	0	2	0	1	6	0	0	7	15
3:45 AM	0	0	0	1	0	1	0	0	15	1	0	16	0	0	0	0	0	0	0	0	6	0	0	6	23
Hourly Total	0	3	0	1	0	4	0	0	37	1	0	38	0	2	0	0	0	2	0	1	27	0	0	28	72
4:00 AM	0	1	0	0	0	1	0	0	11	1	0	12	0	1	0	0	0	1	0	0	10	0	0	10	24
4:15 AM	0	0	1	1	0	2	0	0	19	0	0	19	0	2	2	0	0	4	0	1	14	0	0	15	40
4:30 AM	0	0	0	0	0	0	0	0	29	2	0	31	0	3	1	1	0	5	0	0	18	0	0	18	54
4:45 AM	0	3	0	0	0	3	0	1	23	0	0	24	0	2	0	0	1	2	0	0	32	1	0	33	62
Hourly Total	0	4	1	1	0	6	0	1	82	3	0	86	0	8	3	1	1	12	0	1	74	1	0	76	180
5:00 AM	0	3	0	2	0	5	0	1	37	0	0	38	0	1	0	0	0	1	0	0	18	0	0	18	62
5:15 AM	0	1	0	1	0	2	0	0	46	1	0	47	0	3	0	4	0	7	0	0	32	0	0	32	88
5:30 AM	0	5	1	0	0	6	0	0	73	2	1	75	0	3	0	1	1	4	0	1	34	0	0	35	120
5:45 AM	0	1	0	0	1	1	0	0	63	2	0	65	0	1	0	1	0	2	0	3	47	0	0	50	118
Hourly Total	0	10	1	3	1	14	0	1	219	5	1	225	0	8	0	6	1	14	0	4	131	0	0	135	388
6:00 AM	0	6	0	2	0	8	0	0	81	2	0	83	0	0	0	1	0	1	0	3	57	0	0	60	152
6:15 AM	0	0	0	5	0	5	0	1	75	5	0	81	0	1	1	1	0	3	0	1	94	1	0	96	185
6:30 AM	0	3	4	5	0	12	0	2	110	4	0	116	0	3	3	1	2	7	0	2	129	2	0	133	268
6:45 AM	0	4	8	4	0	16	0	4	102	7	0	113	0	3	3	5	0	11	0	6	147	5	1	158	298
Hourly Total	0	13	12	16	0	41	0	7	368	18	0	393	0	7	7	8	2	22	0	12	427	8	1	447	903
7:00 AM	0	6	4	5	2	15	0	3	108	6	1	117	0	2	1	6	0	9	0	6	123	3	0	132	273
7:15 AM	0	3	11	7	0	21	0	4	156	10	0	170	0	1	0	6	0	7	0	6	127	8	0	141	339
7:30 AM	0	2	3	6	0	11	0	7	148	18	0	173	0	7	2	5	1	14	0	8	128	4	1	140	338
7:45 AM	0	1	5	5	0	11	0	2	169	28	0	199	0	4	3	5	0	12	0	21	165	3	0	189	411
Hourly Total	0	12	23	23	2	58	0	16	581	62	1	659	0	14	6	22	1	42	0	41	543	18	1	602	1361

TMC 2642 - CSAH 14 @ CSAH 31
Anoka MN
Tuesday, August 18, 2026

Time	Southbound CSAH 31						Westbound Main St						Northbound 4th Ave						Eastbound Main St						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	2	6	6	1	14	0	6	118	21	0	145	0	5	5	3	0	13	0	10	116	5	0	131	303
8:15 AM	0	3	3	10	0	16	0	9	127	21	1	157	0	2	2	11	1	15	0	3	111	4	0	118	306
8:30 AM	0	2	6	9	1	17	0	13	125	6	0	144	0	4	2	5	1	11	0	12	113	7	0	132	304
8:45 AM	0	9	14	11	1	34	0	16	107	5	1	128	0	15	5	10	1	30	0	9	136	3	1	148	340
Hourly Total	0	16	29	36	3	81	0	44	477	53	2	574	0	26	14	29	3	69	0	34	476	19	1	529	1253
9:00 AM	0	6	4	11	2	21	0	5	121	10	1	136	0	8	7	9	1	24	0	7	114	1	0	122	303
9:15 AM	0	7	4	3	0	14	1	5	110	5	1	121	0	4	3	8	0	15	0	7	138	3	0	148	298
9:30 AM	0	4	6	12	0	22	0	6	137	6	0	149	0	7	3	3	0	13	0	3	103	5	0	111	295
9:45 AM	0	8	11	9	2	28	1	2	144	7	0	154	0	3	4	3	1	10	0	9	162	1	0	172	364
Hourly Total	0	25	25	35	4	85	2	18	512	28	2	560	0	22	17	23	2	62	0	26	517	10	0	553	1260
10:00 AM	0	3	4	11	0	18	0	3	158	11	0	172	0	3	0	3	0	6	0	8	141	4	0	153	349
10:15 AM	0	8	4	10	2	22	0	2	104	5	0	111	0	1	2	3	2	6	0	5	120	4	3	129	268
10:30 AM	0	8	4	6	1	18	1	10	166	7	0	184	0	4	1	5	0	10	0	9	137	5	1	151	363
10:45 AM	0	16	4	7	1	27	0	6	160	7	0	173	0	1	1	7	0	9	0	8	164	2	0	174	383
Hourly Total	0	35	16	34	4	85	1	21	588	30	0	640	0	9	4	18	2	31	0	30	562	15	4	607	1363
11:00 AM	0	5	4	5	1	14	0	8	168	6	0	182	0	3	1	4	2	8	0	7	168	3	1	178	382
11:15 AM	0	5	3	9	0	17	0	6	158	4	0	168	0	3	2	14	1	19	0	4	173	2	0	179	383
11:30 AM	0	8	2	7	1	17	0	6	171	13	0	190	0	7	8	11	0	26	0	7	166	1	0	174	407
11:45 AM	0	12	8	14	2	34	0	7	158	10	1	175	0	3	5	7	0	15	0	3	176	4	1	183	407
Hourly Total	0	30	17	35	4	82	0	27	655	33	1	715	0	16	16	36	3	68	0	21	683	10	2	714	1579
12:00 PM	0	22	3	11	1	36	0	3	158	7	0	168	0	5	7	7	0	19	0	6	174	0	1	180	403
12:15 PM	0	15	4	13	1	32	0	4	171	10	0	185	0	3	3	9	1	15	0	4	187	4	1	195	427
12:30 PM	0	9	7	5	2	21	0	6	160	9	0	175	0	3	1	5	2	9	0	10	182	4	1	196	401
12:45 PM	0	16	3	12	3	31	0	4	195	15	1	214	0	3	5	3	0	11	0	10	186	4	2	200	456
Hourly Total	0	62	17	41	7	120	0	17	684	41	1	742	0	14	16	24	3	54	0	30	729	12	5	771	1687
1:00 PM	0	12	2	7	0	21	0	3	169	17	0	189	0	3	2	11	2	16	0	7	165	2	1	174	400
1:15 PM	0	6	4	11	2	21	1	2	167	15	0	185	0	4	2	9	0	15	0	14	198	3	1	215	436
1:30 PM	0	9	6	9	2	24	0	3	130	7	0	140	0	2	1	5	2	8	0	10	188	7	0	205	377
1:45 PM	0	12	6	7	1	25	0	5	176	3	0	184	0	1	8	5	1	14	0	13	196	4	0	213	436
Hourly Total	0	39	18	34	5	91	1	13	642	42	0	698	0	10	13	30	5	53	0	44	747	16	2	807	1649
2:00 PM	0	9	4	10	3	23	0	3	172	4	1	179	0	4	1	10	5	15	0	9	188	3	0	200	417
2:15 PM	0	7	5	8	4	20	0	6	174	8	0	188	0	2	1	3	2	6	0	5	226	4	0	235	449
2:30 PM	0	8	8	4	5	20	0	6	171	10	0	187	0	9	8	10	1	27	0	10	204	9	0	223	457
2:45 PM	0	18	4	11	5	33	0	4	159	9	0	172	0	2	3	4	1	9	0	4	231	3	0	238	452
Hourly Total	0	42	21	33	17	96	0	19	676	31	1	726	0	17	13	27	9	57	0	28	849	19	0	896	1775
3:00 PM	0	11	5	13	1	29	1	5	192	12	0	210	0	1	3	6	0	10	0	12	189	4	1	205	454
3:15 PM	0	10	5	10	1	25	0	4	163	8	1	175	0	5	4	10	2	19	0	12	161	3	2	176	395
3:30 PM	0	13	8	4	3	25	0	6	233	8	0	247	0	6	2	7	1	15	0	14	214	4	1	232	519
3:45 PM	0	10	9	6	0	25	1	10	160	14	0	185	0	9	11	5	2	25	0	7	163	8	1	178	413
Hourly Total	0	44	27	33	5	104	2	25	748	42	1	817	0	21	20	28	5	69	0	45	727	19	5	791	1781

TMC 2642 - CSAH 14 @ CSAH 31
Anoka MN
Tuesday, August 18, 2026

Time	Southbound CSAH 31						Westbound Main St						Northbound 4th Ave						Eastbound Main St						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	12	12	8	0	32	0	0	160	8	0	168	0	10	12	10	1	32	0	12	230	1	0	243	475
4:15 PM	0	16	8	9	2	33	0	2	137	8	1	147	0	7	6	3	2	16	0	11	187	4	1	202	398
4:30 PM	0	33	6	11	4	50	0	10	159	12	1	181	0	2	6	11	0	19	0	7	212	9	0	228	478
4:45 PM	0	14	5	6	2	25	0	4	147	8	0	159	0	5	5	8	1	18	0	4	200	4	1	208	410
Hourly Total	0	75	31	34	8	140	0	16	603	36	2	655	0	24	29	32	4	85	0	34	829	18	2	881	1761
5:00 PM	0	10	2	5	5	17	0	5	175	6	0	186	0	9	5	8	3	22	0	4	211	2	0	217	442
5:15 PM	0	6	4	4	1	14	0	6	164	6	2	176	0	3	3	6	0	12	1	12	238	1	0	252	454
5:30 PM	0	12	7	5	3	24	0	5	151	6	0	162	0	2	4	6	2	12	0	11	225	4	0	240	438
5:45 PM	0	2	7	3	4	12	0	4	154	6	0	164	0	10	8	10	1	28	0	4	159	5	0	168	372
Hourly Total	0	30	20	17	13	67	0	20	644	24	2	688	0	24	20	30	6	74	1	31	833	12	0	877	1706
6:00 PM	0	2	6	7	1	15	0	3	119	2	1	124	0	4	8	11	4	23	0	9	169	1	3	179	341
6:15 PM	0	5	4	4	4	13	1	2	117	7	0	127	0	1	4	2	3	7	0	5	130	1	0	136	283
6:30 PM	0	8	1	6	2	15	0	3	142	4	0	149	0	2	0	2	0	4	0	1	146	4	0	151	319
6:45 PM	0	5	2	7	2	14	0	4	114	5	3	123	0	2	5	2	0	9	0	2	167	2	0	171	317
Hourly Total	0	20	13	24	9	57	1	12	492	18	4	523	0	9	17	17	7	43	0	17	612	8	3	637	1260
7:00 PM	1	6	1	2	1	10	1	5	145	4	0	155	0	1	0	0	2	1	0	6	111	0	0	117	283
7:15 PM	0	4	3	4	0	11	0	2	101	2	1	105	0	2	0	2	1	4	0	4	139	1	0	144	264
7:30 PM	0	4	0	5	2	9	0	2	135	6	0	143	0	2	1	2	0	5	0	5	130	1	0	136	293
7:45 PM	0	2	0	2	0	4	0	2	88	3	1	93	0	1	1	3	0	5	0	4	102	3	1	109	211
Hourly Total	1	16	4	13	3	34	1	11	469	15	2	496	0	6	2	7	3	15	0	19	482	5	1	506	1051
8:00 PM	0	2	1	4	1	7	0	2	123	3	1	128	0	1	3	5	0	9	0	3	129	2	1	134	278
8:15 PM	0	0	2	3	3	5	0	2	113	0	1	115	0	1	3	1	1	5	0	1	117	3	1	121	246
8:30 PM	0	4	1	3	1	8	0	0	83	5	0	88	0	1	0	0	4	1	0	3	121	0	0	124	221
8:45 PM	0	2	0	1	2	3	0	1	64	3	0	68	0	1	0	1	2	2	0	4	105	3	0	112	185
Hourly Total	0	8	4	11	7	23	0	5	383	11	2	399	0	4	6	7	7	17	0	11	472	8	2	491	930
9:00 PM	0	2	0	3	0	5	0	1	68	0	0	69	0	2	4	1	1	7	0	1	80	0	0	81	162
9:15 PM	0	0	3	2	0	5	0	1	40	1	0	42	0	0	0	0	0	0	0	2	74	1	0	77	124
9:30 PM	0	2	1	0	4	3	1	0	58	2	0	61	0	2	0	1	0	3	0	4	57	0	0	61	128
9:45 PM	0	1	0	1	2	2	0	1	44	2	0	47	0	1	0	2	1	3	0	1	59	0	0	60	112
Hourly Total	0	5	4	6	6	15	1	3	210	5	0	219	0	5	4	4	2	13	0	8	270	1	0	279	526
10:00 PM	0	1	0	1	0	2	1	2	30	2	0	35	0	1	0	1	4	2	0	0	57	1	0	58	97
10:15 PM	0	1	0	0	1	1	0	0	32	1	0	33	0	2	0	0	1	2	0	0	63	0	0	63	99
10:30 PM	0	0	0	1	0	1	0	0	31	0	0	31	0	0	1	0	0	1	0	0	43	1	0	44	77
10:45 PM	0	2	0	3	0	5	0	0	23	3	0	26	0	1	0	1	0	2	0	0	51	0	0	51	84
Hourly Total	0	4	0	5	1	9	1	2	116	6	0	125	0	4	1	2	5	7	0	0	214	2	0	216	357
11:00 PM	0	0	0	1	1	1	0	1	25	1	0	27	0	0	0	0	1	0	0	0	25	1	0	26	54
11:15 PM	0	0	1	0	2	1	0	0	22	0	0	22	0	0	2	2	0	4	0	3	21	0	0	24	51
11:30 PM	0	0	0	1	0	1	0	0	52	2	1	54	0	0	0	1	0	1	0	0	17	0	0	17	73
11:45 PM	0	2	0	0	2	2	0	0	19	0	0	19	0	0	1	0	0	1	0	1	22	0	0	23	45
Hourly Total	0	2	1	2	5	5	0	1	118	3	1	122	0	0	3	3	1	6	0	4	85	1	0	90	223
DAILY TOTAL	1	502	285	440	106	1228	10	280	9435	510	24	10235	0	250	213	355	76	818	1	446	10412	204	29	11063	23344
Cars	1	496	285	431	79	1213	10	276	9295	509	16	10090	0	250	209	349	40	808	1	441	10237	203	21	10882	22993
Heavy Vehicles	0	6	0	9	27	15	0	4	140	1	8	145	0	0	4	6	36	10	0	5	175	1	8	181	351
Heavy Vehicle %	0.00%	1.20%	0.00%	2.05%	25.47%	1.22%	0.00%	1.43%	1.48%	0.20%	33.33%	1.42%	0.00%	0.00%	1.88%	1.69%	47.37%	1.22%	0.00%	1.12%	1.68%	0.49%	27.59%	1.64%	1.50%

TMC 2642 - CSAH 14 @ CSAH 31
Anoka MN
Tuesday, August 18, 2026
AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:15 AM	0	3	11	7	0	21	0	4	156	10	0	170	0	1	0	6	0	7	0	6	127	8	0	141	339
7:30 AM	0	2	3	6	0	11	0	7	148	18	0	173	0	7	2	5	1	14	0	8	128	4	1	140	338
7:45 AM	0	1	5	5	0	11	0	2	169	28	0	199	0	4	3	5	0	12	0	21	165	3	0	189	411
8:00 AM	0	2	6	6	1	14	0	6	118	21	0	145	0	5	5	3	0	13	0	10	116	5	0	131	303
Peak Hour Total	0	8	25	24	1	57	0	19	591	77	0	687	0	17	10	19	1	46	0	45	536	20	1	601	1391
Peak Hour Heavy Vehicles	0	0	0	3	1	3	0	0	6	0	0	6	0	0	1	0	1	1	0	0	13	0	0	13	23
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	12.50%	100.00%	5.26%	0.00%	0.00%	1.02%	0.00%	0.00%	0.87%	0.00%	0.00%	10.00%	0.00%	100.00%	2.17%	0.00%	0.00%	2.43%	0.00%	0.00%	2.16%	1.65%
	0.000	0.667	0.568	0.857	0.250	0.679	0.000	0.679	0.874	0.688	0.000	0.863	0.000	0.607	0.500	0.792	0.250	0.821	0.000	0.536	0.812	0.625	0.250	0.795	0.846

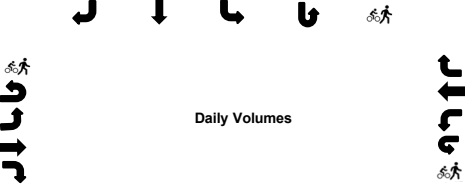
Mid Peak Hour (10:00 - 14:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
12:30 PM	0	9	7	5	2	21	0	6	160	9	0	175	0	3	1	5	2	9	0	10	182	4	1	196	401
12:45 PM	0	16	3	12	3	31	0	4	195	15	1	214	0	3	5	3	0	11	0	10	186	4	2	200	456
1:00 PM	0	12	2	7	0	21	0	3	169	17	0	189	0	3	2	11	2	16	0	7	165	2	1	174	400
1:15 PM	0	6	4	11	2	21	1	2	167	15	0	185	0	4	2	9	0	15	0	14	198	3	1	215	436
Peak Hour Total	0	43	16	35	7	94	1	15	691	56	1	763	0	13	10	28	4	51	0	41	731	13	5	785	1693
Peak Hour Heavy Vehicles	0	1	0	1	3	2	0	0	8	0	1	8	0	0	0	0	3	0	0	0	11	0	4	11	21
Peak Hour Heavy Vehicles % PHF	0.00%	2.33%	0.00%	2.86%	42.86%	2.13%	0.00%	0.00%	1.16%	0.00%	100.00%	1.05%	0.00%	0.00%	0.00%	0.00%	75.00%	0.00%	0.00%	0.00%	1.50%	0.00%	80.00%	1.40%	1.24%
	0.000	0.672	0.571	0.729	0.583	0.758	0.250	0.625	0.886	0.824	0.250	0.891	0.000	0.813	0.500	0.636	0.500	0.797	0.000	0.732	0.923	0.813	0.625	0.913	0.928

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	
2:45 PM	0	18	4	11	5	33	0	4	159	9	0	172	0	2	3	4	1	9	0	4	231	3	0	238	452
3:00 PM	0	11	5	13	1	29	1	5	192	12	0	210	0	1	3	6	0	10	0	12	189	4	1	205	454
3:15 PM	0	10	5	10	1	25	0	4	163	8	1	175	0	5	4	10	2	19	0	12	161	3	2	176	395
3:30 PM	0	13	8	4	3	25	0	6	233	8	0	247	0	6	2	7	1	15	0	14	214	4	1	232	519
Peak Hour Total	0	52	22	38	10	112	1	19	747	37	1	804	0	14	12	27	4	53	0	42	795	14	4	851	1820
Peak Hour Heavy Vehicles	0	0	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	0	0	10	0	1	10	22
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.61%	0.00%	0.00%	1.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.26%	0.00%	25.00%	1.18%	1.21%
	0.000	0.722	0.688	0.731	0.500	0.848	0.250	0.792	0.802	0.771	0.250	0.814	0.000	0.583	0.750	0.675	0.500	0.697	0.000	0.750	0.860	0.875	0.500	0.894	0.877

Total Vehicles On Leg			2398		
Vehicles Entering Intersection 1228			Vehicles Exiting Intersection 1170		
Southbound					
Cars	431	285	496	1	79
Heavy	9	0	6	0	27
Total	440	285	502	1	106



Vehicles Entering Intersection		818	
Vehicles Exiting Intersection		769	
Total Vehicles On Leg		1587	

Cars	Heavy	Total	Westbound	Vehicles Entering Intersection 10235	Total Vehicles on Leg
509	1	510			
9295	140	9435			
276	4	280		Vehicles Exiting Intersection 11279	21514
10	0	10			
16	8	24			

TMC 2642 - CSAH 14 @ CSAH 31 Anoka MN Tuesday, August 18, 2026																									
Time	Southbound Heavy CSAH 31						Westbound Heavy Main St						Northbound Heavy 4th Ave						Eastbound Heavy Main St						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	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
12:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	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	1	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	2	0	0	0	2	0	0	2	3
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	1	0	0	1	0	0	0	0	1	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	1	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	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	1	0	0	1	1
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 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	0	0	0	0	0	2	0	0	2	3
4:00 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
4:15 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
4:30 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	4
4:45 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	3	0	0	3	0	0	1	0	0	1	0	0	6	0	0	6	11
5:00 AM	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
5:15 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
5:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 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
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0	0	0	6	0	0	6	10
6:00 AM	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
6:15 AM	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
6:30 AM	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
6:45 AM	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	1	2	0	0	3	6
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	0	7	0	0	7	0	0	0	0	1	0	0	1	11	0	0	12	20
7:00 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
7:15 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	6
7:30 AM	0	0	0	2	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2	5
7:45 AM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	1	0	0	1	0	0	6	0	0	6	10
Hourly 'Heavy Vehicles'	0	0	0	3	0	3	0	0	5	0	0	5	0	0	1	0	0	1	0	0	16	0	0	16	25

TMC 2642 - CSAH 14 @ CSAH 31 Anoka MN Tuesday, August 18, 2026																										
Time	Southbound Heavy CSAH 31						Westbound Heavy Main St						Northbound Heavy 4th Ave						Eastbound Heavy Main St						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	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	2
8:15 AM	0	0	0	1	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	2	0	0	2	6
8:30 AM	0	0	0	0	1	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	1	0	0	1	7	
8:45 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	
Hourly 'Heavy Vehicles'	0	0	0	1	2	1	0	0	12	0	0	12	0	0	0	0	0	0	0	0	5	0	0	5	18	
9:00 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	
9:15 AM	0	0	0	0	0	0	0	2	3	0	0	5	0	0	0	3	0	3	0	1	4	0	0	5	13	
9:30 AM	0	1	0	0	0	1	0	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	6	
9:45 AM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	1	2	0	0	3	7	
Hourly 'Heavy Vehicles'	0	1	0	0	0	1	0	3	13	0	0	16	0	0	0	3	1	3	0	2	8	0	0	10	30	
10:00 AM	0	0	0	1	0	1	0	0	5	0	0	5	0	0	0	0	0	0	0	0	4	0	0	4	10	
10:15 AM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	6	0	0	6	7	
10:30 AM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	1	0	4	7	
10:45 AM	0	2	0	0	0	2	0	0	3	0	0	3	0	0	1	0	0	1	0	1	5	0	0	6	12	
Hourly 'Heavy Vehicles'	0	2	0	2	0	4	0	0	11	0	0	11	0	0	1	0	0	1	0	1	18	1	0	20	36	
11:00 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	7	0	0	7	9	
11:15 AM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	2	0	2	0	0	4	0	0	4	9	
11:30 AM	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	1	4	0	0	5	10	
11:45 AM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	6	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	12	0	0	12	0	0	0	2	1	2	0	1	19	0	0	20	34	
12:00 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	
12:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	9	0	1	9	11	
12:30 PM	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	5	
12:45 PM	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	4	0	2	4	5	
Hourly 'Heavy Vehicles'	0	0	0	0	2	0	0	0	11	0	1	11	0	0	0	0	0	0	0	0	19	0	3	19	30	
1:00 PM	0	1	0	0	0	1	0	0	3	0	0	3	0	0	0	0	1	0	0	0	0	0	1	0	4	
1:15 PM	0	0	0	1	1	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	4	0	1	4	7	
1:30 PM	0	0	0	0	2	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	1	0	0	1	4	
1:45 PM	0	0	0	0	1	0	0	0	5	1	0	6	0	0	0	1	1	1	0	0	6	0	0	6	13	
Hourly 'Heavy Vehicles'	0	1	0	1	4	2	0	0	13	1	0	14	0	0	0	1	2	1	0	0	11	0	2	11	28	
2:00 PM	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	
2:15 PM	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	2	0	0	2	4	
2:30 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	
2:45 PM	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	7	
Hourly 'Heavy Vehicles'	0	0	0	0	2	0	0	0	10	0	0	10	0	0	0	0	2	0	0	0	10	0	0	10	20	
3:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1	2	3	
3:15 PM	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	1	0	0	0	1	0	0	1	5	
3:30 PM	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	
3:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0	0	0	1	0	0	1	3	
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	2	0	0	0	7	0	1	7	18	

TMC 2642 - CSAH 14 @ CSAH 31
Anoka MN
Tuesday, August 18, 2026

Time	Southbound Heavy CSAH 31						Westbound Heavy Main St						Northbound Heavy 4th Ave						Eastbound Heavy Main St						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	1	0	0	1	0	0	1	0	1	1	0	0	0	0	0	0	3
4:15 PM	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3	0	1	3	4
4:30 PM	0	0	0	0	3	0	0	0	3	0	1	3	0	0	0	0	0	0	0	0	2	0	0	2	5
4:45 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	3	1	0	0	5	0	2	5	0	0	1	0	1	1	0	0	7	0	1	7	14
5:00 PM	0	0	0	0	3	0	0	0	1	0	0	1	0	0	0	0	3	0	0	0	1	0	0	1	2
5:15 PM	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
5:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	2	2
Hourly 'Heavy Vehicles'	0	0	0	0	4	0	0	0	3	0	0	3	0	0	0	0	5	0	0	0	4	0	0	4	7
6:00 PM	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	1	0	0	1	2
6:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	2	2
6:30 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
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
Hourly 'Heavy Vehicles'	0	0	0	0	2	0	0	0	2	0	0	2	0	0	0	0	5	0	0	0	6	0	0	6	8
7:00 PM	0	0	0	0	1	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
7:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	1
7:30 PM	0	0	0	1	0	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	4
7:45 PM	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	4	0	0	4	7
Hourly 'Heavy Vehicles'	0	0	0	1	1	1	0	1	7	0	1	8	0	0	0	0	1	0	0	0	6	0	0	6	15
8:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8:15 PM	0	0	0	0	2	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	2
8:30 PM	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	4	0	0	0	1	0	0	1	2
8:45 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	0	4	0	0	0	3	0	1	3	0	0	0	0	4	0	0	0	4	0	1	4	7
9:00 PM	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
9:15 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
9:30 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
9:45 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	2	0	0	2	0	0	0	0	2	0	0	0	6	0	0	6	8
10:00 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4	0	0	0	0	0	0	0	1
10:15 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
10:30 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
10:45 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	1	0	0	0	2	0	0	2	0	0	0	0	5	0	0	0	0	0	0	0	2
11:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1
11:15 PM	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
11:30 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
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	2	0	0	0	1	0	1	1	0	0	0	0	1	0	0	0	1	0	0	1	2
DAILY 'Heavy Vehicles'	0	6	0	9	27	15	0	4	140	1	8	145	0	0	4	6	36	10	0	5	175	1	8	181	351

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

Signal Warrants - Summary

Major Street Approaches

Eastbound: Main St

Number of Lanes : 2+

Total Approach Volume: 11,063

Westbound: Main St

Number of Lanes : 2+

Total Approach Volume: 10,235

Minor Street Approaches

Northbound: 4th Ave

Number of Lanes : 1

Total Approach Volume: 818

Southbound: CSAH 31

Number of Lanes : 1

Total Approach Volume: 1,228

Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 7 hours, 8 are needed

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

Required volumes reached for 13 hours, 8 are needed

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

Required 1A volumes reached for 10 hours, 8 are needed

Required 1B volumes reached for 13 hours, 8 are needed

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

Number of hours (6) volumes exceed minimum >= minimum required (4).

Warrant 3 - Peak Hour.....Satisfied

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

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

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

Volumes exceed minimums for at least one hour period.

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

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

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

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

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

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

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

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 7 one hour periods meet minimums.
Warrant is NOT met.

Site Data Required

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

Volume Requirements

Veh/Hr Major = **360**

Veh/Hr Minor = **90**

Major Road						Minor Road		
Main St						4th Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
14:15 - 15:15	901	+	757	=	1658	52	102	Yes
15:15 - 16:15	829	+	775	=	1604	91	107	Yes
16:15 - 17:15	855	+	673	=	1528	75	125	Yes
12:15 - 13:15	765	+	763	=	1528	51	105	Yes
13:15 - 14:15	833	+	688	=	1521	52	93	Yes
11:15 - 12:15	716	+	701	=	1417	79	104	Yes
08:45 - 09:45	529	+	534	=	1063	82	91	Yes
17:15 - 18:15	839	+	626	=	1465	75	65	No
11:00 - 12:00	714	+	715	=	1429	68	82	No
10:45 - 11:45	705	+	713	=	1418	62	75	No
10:30 - 11:30	682	+	707	=	1389	46	76	No
17:30 - 18:30	723	+	577	=	1300	70	64	No
07:15 - 08:15	601	+	687	=	1288	46	57	No
10:15 - 11:15	632	+	650	=	1282	33	81	No
07:00 - 08:00	602	+	659	=	1261	42	58	No
07:30 - 08:30	578	+	674	=	1252	54	52	No
10:00 - 11:00	607	+	640	=	1247	31	85	No
09:45 - 10:45	605	+	621	=	1226	32	86	No
07:45 - 08:45	570	+	645	=	1215	51	58	No
17:45 - 18:45	634	+	564	=	1198	62	55	No
18:00 - 19:00	637	+	523	=	1160	43	57	No
06:45 - 07:45	571	+	573	=	1144	41	63	No
18:15 - 19:15	575	+	554	=	1129	21	52	No
18:30 - 19:30	583	+	532	=	1115	18	50	No
08:00 - 09:00	529		574		1103	69	81	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

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

13 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Veh/Hr Major = **540**

Veh/Hr Minor = **45**

Major Road						Minor Road		
Main St						4th Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
14:15 - 15:15	901	+	757	=	1658	52	102	Yes
15:15 - 16:15	829	+	775	=	1604	91	107	Yes
16:15 - 17:15	855	+	673	=	1528	75	125	Yes
12:15 - 13:15	765	+	763	=	1528	51	105	Yes
13:15 - 14:15	833	+	688	=	1521	52	93	Yes
17:15 - 18:15	839	+	626	=	1465	75	65	Yes
11:15 - 12:15	716	+	701	=	1417	79	104	Yes
07:15 - 08:15	601	+	687	=	1288	46	57	Yes
10:15 - 11:15	632	+	650	=	1282	33	81	Yes
09:15 - 10:15	584	+	596	=	1180	44	82	Yes
18:15 - 19:15	575	+	554	=	1129	21	52	Yes
08:15 - 09:15	520	+	565	=	1085	80	88	Yes
06:15 - 07:15	519	+	427	=	946	30	48	Yes
19:15 - 20:15	523	+	469	=	992	23	31	No
19:30 - 20:30	500	+	479	=	979	24	25	No
19:45 - 20:45	488	+	424	=	912	20	24	No
20:00 - 21:00	491	+	399	=	890	17	23	No
06:00 - 07:00	447	+	393	=	840	22	41	No
20:15 - 21:15	438	+	340	=	778	15	21	No
05:45 - 06:45	339	+	345	=	684	13	26	No
20:30 - 21:30	394	+	267	=	661	10	21	No
20:45 - 21:45	331	+	240	=	571	12	16	No
05:30 - 06:30	241	+	304	=	545	10	20	No
21:00 - 22:00	279	+	219	=	498	13	15	No
05:15 - 06:15	177		270		447	14	17	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

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

10 hours meet 1A minimums.
13 hours meet 1B minimums.
Warrant IS met.

Site Data Required

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

Volume Requirements

Warrant 1A 1B
Veh/Hr Major = **288 432**

Veh/Hr Minor = **72 36**

Major Road Main St						Minor Road 4th Ave				
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1A?		
14:00 - 15:00	896	+	726	=	1622	57	96	Yes		
15:00 - 16:00	791	+	817	=	1608	69	104	Yes		
17:00 - 18:00	877	+	688	=	1565	74	67	Yes		
16:00 - 17:00	881	+	655	=	1536	85	140	Yes		
12:00 - 13:00	771	+	742	=	1513	54	120	Yes		
13:00 - 14:00	807	+	698	=	1505	53	91	Yes		
11:00 - 12:00	714	+	715	=	1429	68	82	Yes		
10:00 - 11:00	607	+	640	=	1247	31	85	Yes		
09:00 - 10:00	553	+	560	=	1113	62	85	Yes		
08:00 - 09:00	529	+	574	=	1103	69	81	Yes		
07:15 - 08:15	601	+	687	=	1288	46	57	No		
07:00 - 08:00	602	+	659	=	1261	42	58	No		

Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met1B?		
14:00 - 15:00	896	+	726	=	1622	57	96	Yes		
15:00 - 16:00	791	+	817	=	1608	69	104	Yes		
17:00 - 18:00	877	+	688	=	1565	74	67	Yes		
16:00 - 17:00	881	+	655	=	1536	85	140	Yes		
12:00 - 13:00	771	+	742	=	1513	54	120	Yes		
13:00 - 14:00	807	+	698	=	1505	53	91	Yes		
11:00 - 12:00	714	+	715	=	1429	68	82	Yes		
07:00 - 08:00	602	+	659	=	1261	42	58	Yes		
10:00 - 11:00	607	+	640	=	1247	31	85	Yes		
18:00 - 19:00	637	+	523	=	1160	43	57	Yes		
09:00 - 10:00	553	+	560	=	1113	62	85	Yes		
08:00 - 09:00	529	+	574	=	1103	69	81	Yes		

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

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.

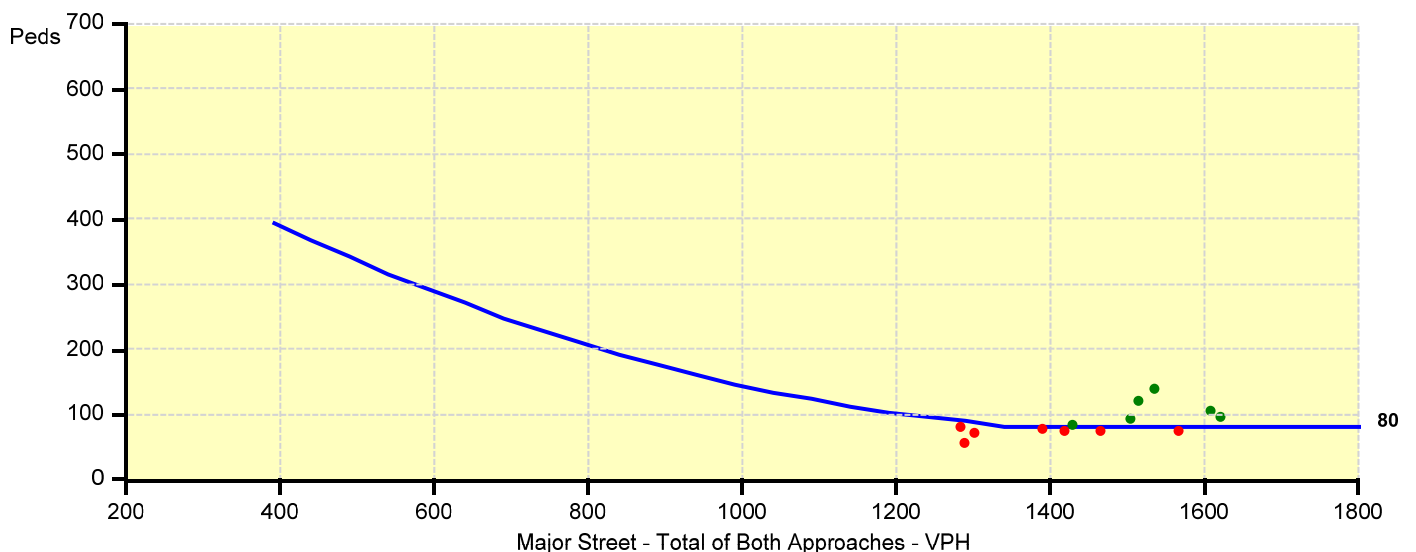
Summary

6 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Major Road						Minor Road		
Main St						4th Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
14:00 - 15:00	896	+	726	=	1622	57	96	Yes
15:00 - 16:00	791	+	817	=	1608	69	104	Yes
16:00 - 17:00	881	+	655	=	1536	85	140	Yes
12:00 - 13:00	771	+	742	=	1513	54	120	Yes
13:00 - 14:00	807	+	698	=	1505	53	91	Yes
11:00 - 12:00	714	+	715	=	1429	68	82	Yes
17:00 - 18:00	877	+	688	=	1565	74	67	No
17:15 - 18:15	839	+	626	=	1465	75	65	No
10:45 - 11:45	705	+	713	=	1418	62	75	No
10:30 - 11:30	682	+	707	=	1389	46	76	No
17:30 - 18:30	723	+	577	=	1300	70	64	No
07:15 - 08:15	601	+	687	=	1288	46	57	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2642

Study Date : 08/31/2026

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

2 one hour periods meet minimums.
Warrant IS met.

Site Data Required

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

Major Road Main St						Minor Road 4th Ave		
Time	Major EB	+	Major WB	=	Total	Minor NB	Minor SB	Met?
16:00 - 17:00	881	+	655	=	1536	85	140	Yes
15:45 - 16:45	851	+	681	=	1532	92	140	Yes
14:15 - 15:15	901	+	757	=	1658	52	102	No
14:45 - 15:45	851	+	804	=	1655	53	112	No
14:00 - 15:00	896	+	726	=	1622	57	96	No
13:45 - 14:45	871	+	738	=	1609	62	88	No
15:00 - 16:00	791	+	817	=	1608	69	104	No
16:30 - 17:30	905	+	702	=	1607	71	106	No
15:15 - 16:15	829	+	775	=	1604	91	107	No
15:30 - 16:30	855	+	747	=	1602	88	115	No
16:45 - 17:45	917	+	683	=	1600	64	80	No
14:30 - 15:30	842	+	744	=	1586	65	107	No

