

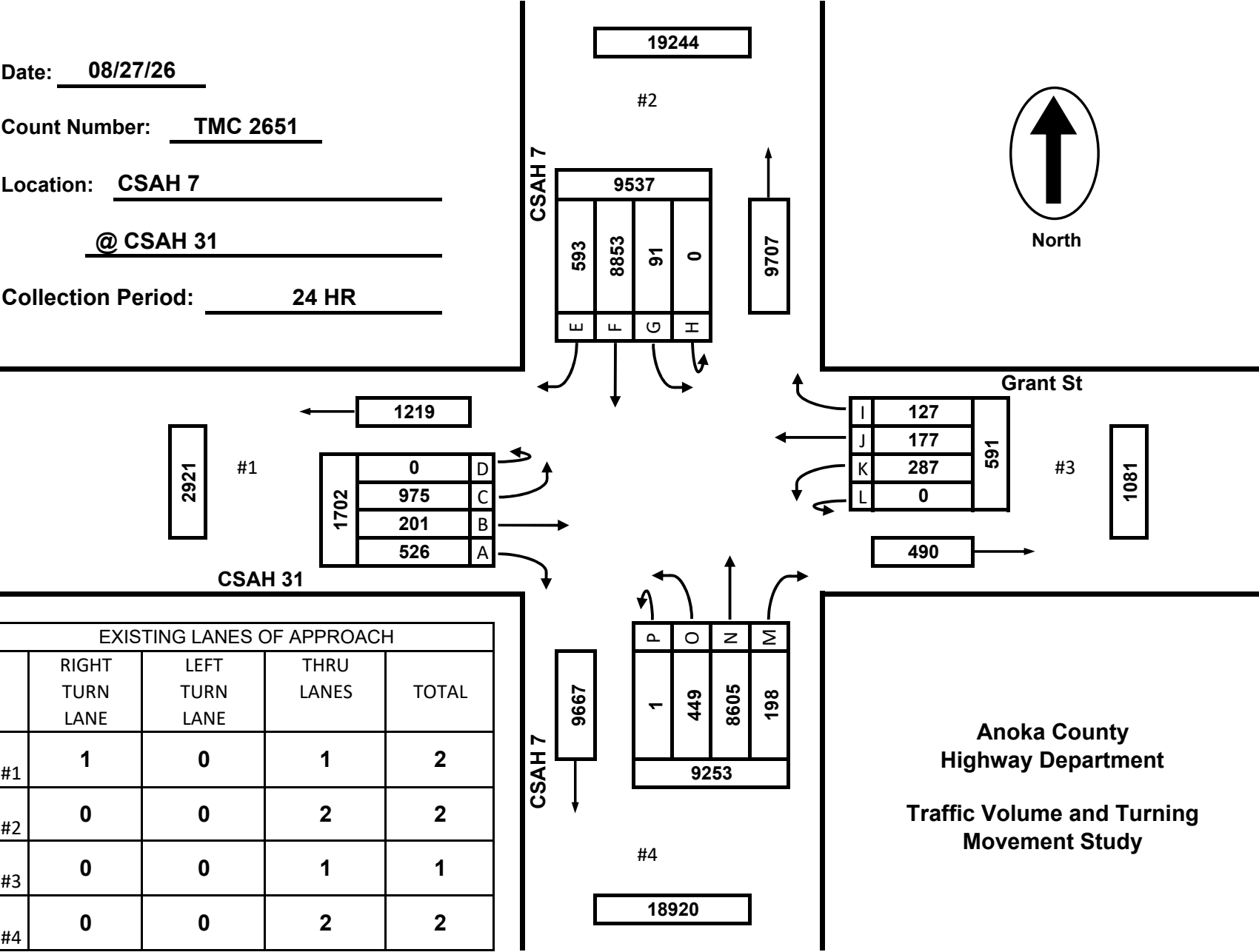
Date: 08/27/26

Count Number: TMC 2651

Location: CSAH 7

@ CSAH 31

Collection Period: 24 HR



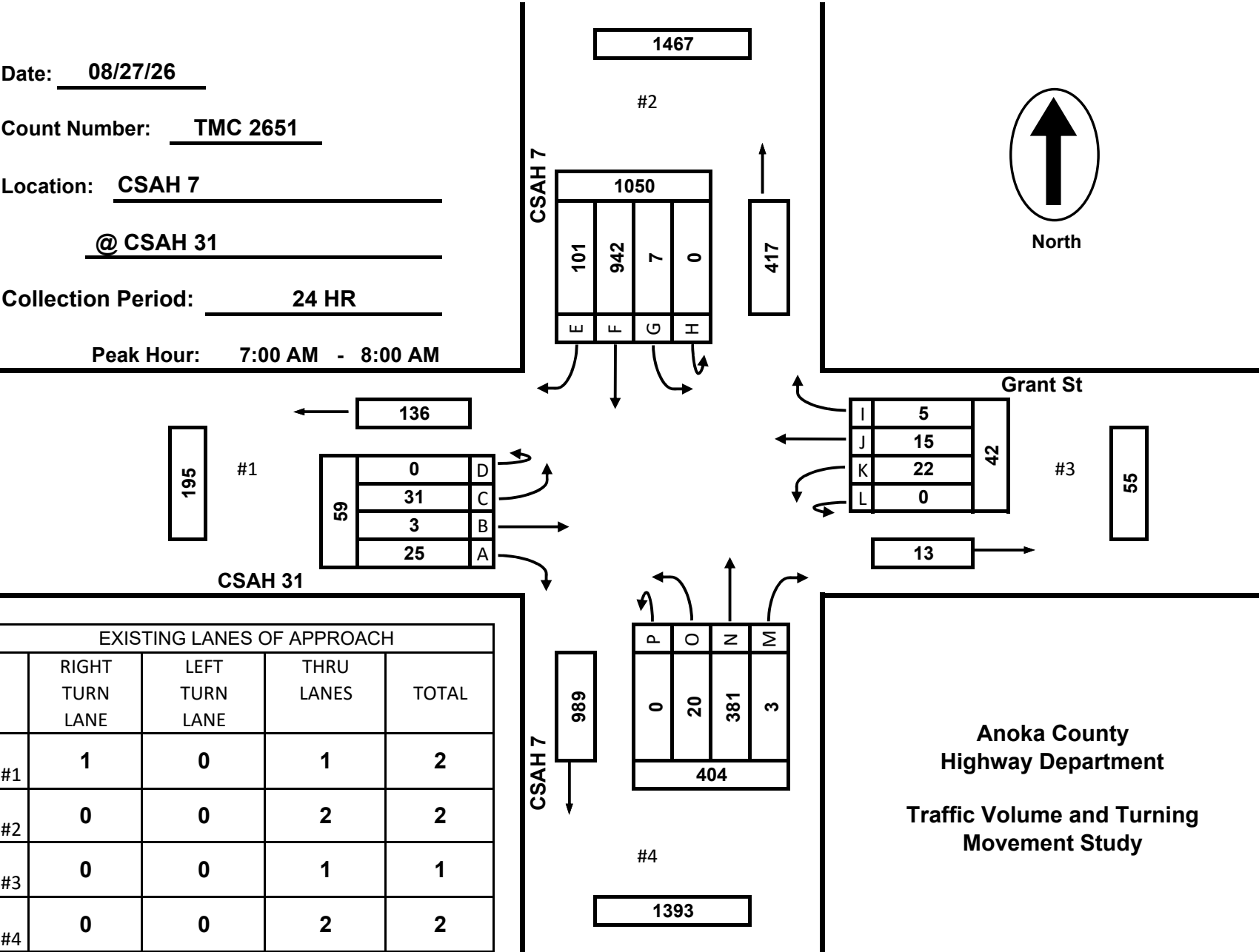
Date: 08/27/26

Count Number: TMC 2651

Location: CSAH 7
@ CSAH 31

Collection Period: 24 HR

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



Date: 08/27/26

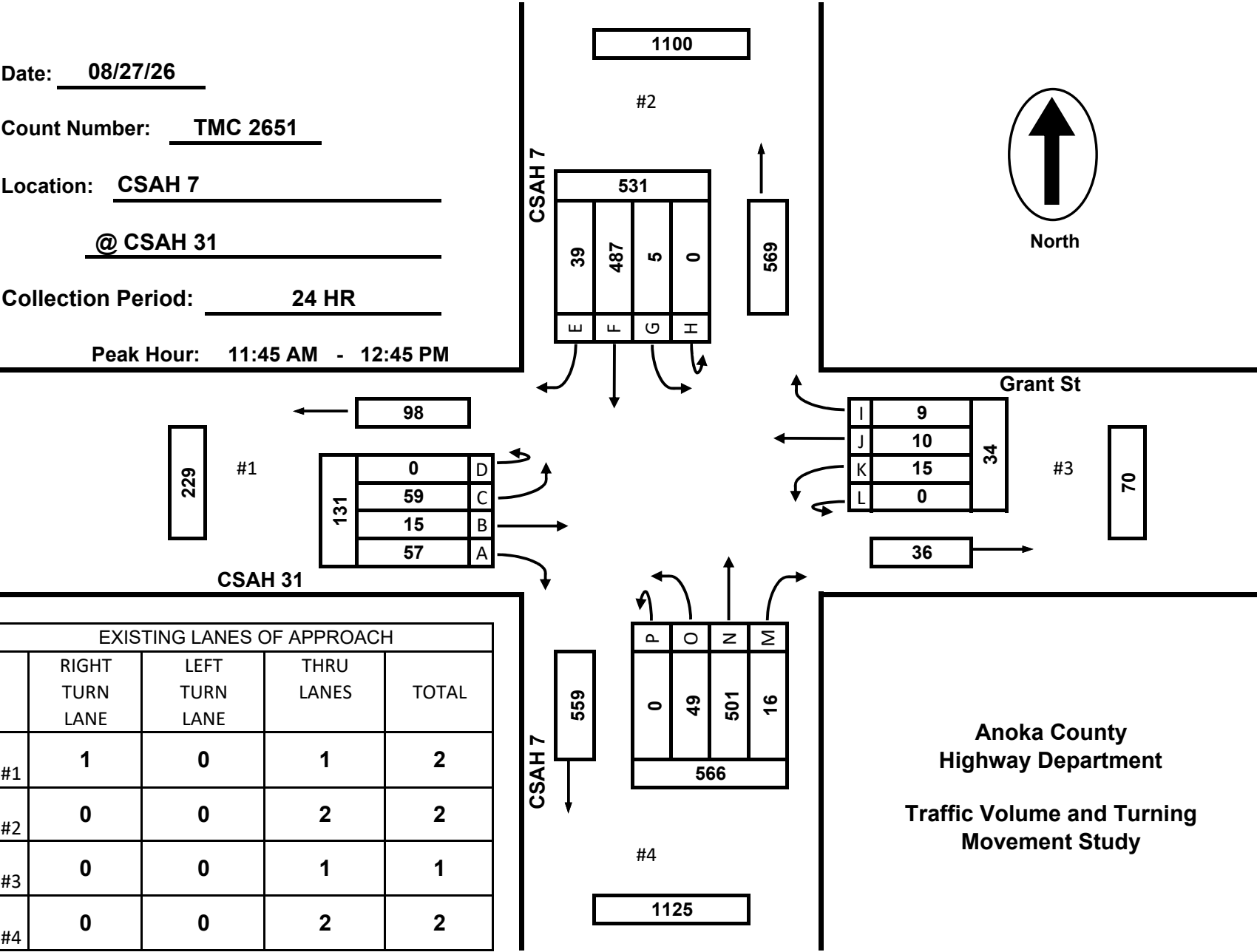
Count Number: TMC 2651

Location: CSAH 7

@ CSAH 31

Collection Period: 24 HR

Peak Hour: 11:45 AM - 12:45 PM



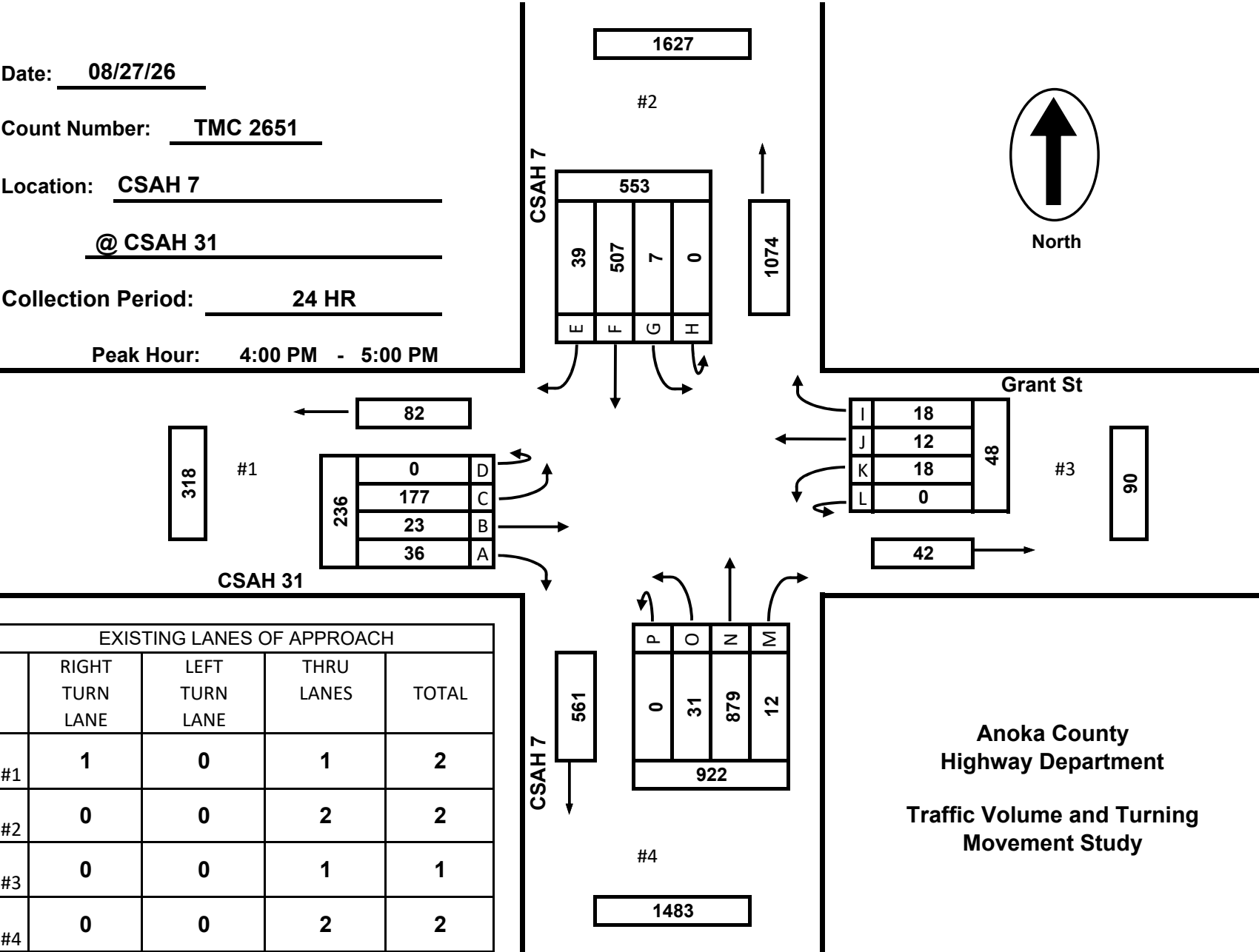
Date: 08/27/26

Count Number: TMC 2651

Location: CSAH 7
@ CSAH 31

Collection Period: 24 HR

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



TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound Grant St						Northbound CSAH 7						Eastbound CSAH 31						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	12	0	0	12	0	0	0	0	0	0	0	0	15	2	0	17	0	1	0	0	0	1	30
12:15 AM	0	0	3	0	0	3	0	1	0	0	0	1	0	1	16	2	0	19	0	1	0	3	0	4	27
12:30 AM	0	0	5	0	0	5	0	0	0	0	0	0	0	1	9	0	0	10	0	0	0	0	0	0	15
12:45 AM	0	0	5	0	0	5	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	13
Hourly Total	0	0	25	0	0	25	0	1	0	0	0	1	0	2	48	4	0	54	0	2	0	3	0	5	85
1:00 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	8	0	0	8	0	2	0	0	0	2	12
1:15 AM	0	0	8	0	0	8	0	1	0	0	0	1	0	1	6	1	0	8	0	1	1	1	0	3	20
1:30 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	8
1:45 AM	0	0	4	0	0	4	0	1	0	0	0	1	0	0	5	0	0	5	0	0	0	0	0	0	10
Hourly Total	0	0	18	0	0	18	0	2	0	0	0	2	0	1	23	1	0	25	0	3	1	1	0	5	50
2:00 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	10
2:15 AM	0	0	6	0	0	6	0	0	0	0	1	0	0	0	6	1	0	7	0	0	0	2	0	2	15
2:30 AM	0	0	10	0	0	10	0	0	0	1	0	1	0	0	8	1	0	9	0	0	0	0	0	0	20
2:45 AM	0	0	12	0	0	12	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	15
Hourly Total	0	0	30	0	0	30	0	0	0	1	1	1	0	0	25	2	0	27	0	0	0	2	0	2	60
3:00 AM	0	0	10	0	0	10	0	1	0	0	0	1	0	0	8	0	0	8	0	0	0	0	0	0	19
3:15 AM	0	0	20	0	0	20	0	1	0	0	0	1	0	0	6	0	0	6	0	0	0	2	0	2	29
3:30 AM	0	0	12	0	0	12	0	0	0	0	0	0	0	0	7	0	0	7	0	0	1	0	0	1	20
3:45 AM	0	0	20	0	0	20	0	1	0	0	0	1	0	0	2	0	0	2	0	0	0	2	0	2	25
Hourly Total	0	0	62	0	0	62	0	3	0	0	0	3	0	0	23	0	0	23	0	0	1	4	0	5	93
4:00 AM	0	0	30	2	0	32	0	0	0	0	0	0	0	0	5	0	0	5	0	1	0	0	0	1	38
4:15 AM	0	0	48	0	0	48	0	1	0	0	1	1	0	1	7	1	0	9	0	0	0	0	0	0	58
4:30 AM	0	0	53	0	0	53	0	0	0	0	0	0	0	0	10	0	0	10	0	1	0	0	0	1	64
4:45 AM	0	0	57	2	0	59	0	3	0	0	0	3	0	0	7	0	0	7	0	0	0	0	0	0	69
Hourly Total	0	0	188	4	0	192	0	4	0	0	1	4	0	1	29	1	0	31	0	2	0	0	0	2	229
5:00 AM	0	0	94	0	0	94	0	4	1	1	0	6	0	0	8	0	0	8	0	0	0	3	0	3	111
5:15 AM	0	0	118	4	0	122	0	4	0	0	0	4	0	1	11	0	0	12	0	0	0	3	0	3	141
5:30 AM	0	0	124	3	0	127	0	6	0	1	0	7	0	2	29	0	0	31	0	1	0	2	0	3	168
5:45 AM	0	0	159	3	0	162	0	2	1	1	1	4	0	0	25	1	0	26	0	2	0	2	0	4	196
Hourly Total	0	0	495	10	0	505	0	16	2	3	1	21	0	3	73	1	0	77	0	3	0	10	0	13	616
6:00 AM	0	1	157	5	0	163	0	5	0	0	0	5	0	2	33	1	0	36	0	2	0	1	0	3	207
6:15 AM	0	1	232	9	0	242	0	4	2	1	0	7	0	4	37	0	0	41	0	8	1	4	0	13	303
6:30 AM	0	0	219	15	0	234	0	6	5	1	0	12	0	2	59	1	0	62	0	5	1	5	0	11	319
6:45 AM	0	1	240	19	0	260	0	7	6	0	0	13	0	1	86	1	1	88	0	3	2	10	0	15	376
Hourly Total	0	3	848	48	0	899	0	22	13	2	0	37	0	9	215	3	1	227	0	18	4	20	0	42	1205
7:00 AM	0	1	222	16	1	239	0	6	1	2	0	9	0	5	105	0	0	110	0	7	0	6	0	13	371
7:15 AM	0	0	240	21	0	261	0	9	3	1	0	13	0	3	82	1	0	86	0	5	2	7	0	14	374
7:30 AM	0	4	270	28	0	302	0	3	4	1	0	8	0	6	86	1	1	93	0	12	0	4	0	16	419
7:45 AM	0	2	210	36	1	248	0	4	7	1	0	12	0	6	108	1	0	115	0	7	1	8	0	16	391
Hourly Total	0	7	942	101	2	1050	0	22	15	5	0	42	0	20	381	3	1	404	0	31	3	25	0	59	1555

TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound Grant St						Northbound CSAH 7						Eastbound CSAH 31						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
8:00 AM	0	1	152	14	0	167	0	5	2	0	0	7	0	7	101	3	0	111	0	11	2	7	0	20	305
8:15 AM	0	1	168	15	0	184	0	6	0	1	0	7	0	5	75	2	1	82	0	1	1	4	0	6	279
8:30 AM	0	0	136	12	0	148	0	3	2	2	0	7	0	10	72	0	0	82	0	9	1	6	1	16	253
8:45 AM	0	1	154	7	0	162	0	4	4	0	0	8	0	10	84	0	0	94	0	9	3	7	0	19	283
Hourly Total	0	3	610	48	0	661	0	18	8	3	0	29	0	32	332	5	1	369	0	30	7	24	1	61	1120
9:00 AM	0	1	128	11	0	140	0	1	0	2	0	3	0	4	62	1	0	67	0	3	1	4	0	8	218
9:15 AM	0	3	119	5	1	127	0	3	0	0	0	3	0	3	73	2	1	78	0	5	3	10	0	18	226
9:30 AM	0	2	146	13	0	161	0	3	1	1	0	5	0	7	70	0	0	77	0	14	1	8	0	23	266
9:45 AM	0	1	120	11	0	132	0	6	2	2	0	10	0	6	84	3	0	93	0	7	2	8	0	17	252
Hourly Total	0	7	513	40	1	560	0	13	3	5	0	21	0	20	289	6	1	315	0	29	7	30	0	66	962
10:00 AM	0	3	104	8	0	115	0	3	2	0	0	5	0	5	81	1	0	87	0	10	2	7	0	19	226
10:15 AM	0	1	146	9	0	156	0	4	5	0	0	9	0	5	76	3	0	84	0	7	8	3	0	18	267
10:30 AM	0	0	131	8	0	139	0	5	2	2	0	9	0	7	98	1	0	106	0	6	8	8	0	22	276
10:45 AM	0	0	106	8	0	114	0	5	5	7	0	17	0	6	85	3	0	94	0	18	2	6	0	26	251
Hourly Total	0	4	487	33	0	524	0	17	14	9	0	40	0	23	340	8	0	371	0	41	20	24	0	85	1020
11:00 AM	0	3	114	10	0	127	0	9	1	2	1	12	0	10	101	3	0	114	0	10	1	10	0	21	274
11:15 AM	0	6	103	3	0	112	0	3	2	1	0	6	0	6	97	2	0	105	0	14	6	9	0	29	252
11:30 AM	0	2	130	8	0	140	0	2	7	3	0	12	0	11	94	1	0	106	0	13	3	16	0	32	290
11:45 AM	0	1	141	10	0	152	0	5	1	2	0	8	0	9	114	5	0	128	0	20	4	16	0	40	328
Hourly Total	0	12	488	31	0	531	0	19	11	8	1	38	0	36	406	11	0	453	0	57	14	51	0	122	1144
12:00 PM	0	1	120	9	0	130	0	1	4	3	2	8	0	13	122	5	0	140	0	19	5	16	0	40	318
12:15 PM	0	1	112	13	0	126	0	3	2	3	0	8	0	10	126	3	0	139	0	10	4	13	0	27	300
12:30 PM	0	2	114	7	0	123	0	6	3	1	0	10	0	17	139	3	0	159	0	10	2	12	0	24	316
12:45 PM	0	2	100	11	0	113	0	5	1	1	0	7	0	12	116	7	0	135	0	14	6	9	0	29	284
Hourly Total	0	6	446	40	0	492	0	15	10	8	2	33	0	52	503	18	0	573	0	53	17	50	0	120	1218
1:00 PM	0	1	91	14	0	106	0	2	4	1	0	7	0	7	137	2	1	146	0	13	3	8	0	24	283
1:15 PM	0	1	106	7	0	114	0	3	4	2	0	9	0	6	121	1	1	128	0	17	4	13	0	34	285
1:30 PM	0	1	101	8	0	110	0	5	2	3	1	10	0	10	125	2	0	137	0	14	2	7	0	23	280
1:45 PM	0	3	101	7	0	111	0	6	2	2	1	10	0	6	141	2	0	149	0	14	2	11	0	27	297
Hourly Total	0	6	399	36	0	441	0	16	12	8	2	36	0	29	524	7	2	560	0	58	11	39	0	108	1145
2:00 PM	0	0	98	8	0	106	0	7	6	2	1	15	0	13	164	5	0	182	0	14	3	17	1	34	337
2:15 PM	0	1	98	11	0	110	0	6	6	3	0	15	0	12	159	2	1	173	0	24	2	7	0	33	331
2:30 PM	0	1	115	5	3	121	0	2	6	3	1	11	0	9	177	4	0	190	0	29	5	11	0	45	367
2:45 PM	0	1	103	9	0	113	0	5	1	2	0	8	0	9	215	6	0	230	0	22	4	4	0	30	381
Hourly Total	0	3	414	33	3	450	0	20	19	10	2	49	0	43	715	17	1	775	0	89	14	39	1	142	1416
3:00 PM	0	1	130	13	0	144	0	3	4	4	1	11	0	8	215	4	0	227	0	22	5	10	0	37	419
3:15 PM	0	1	108	11	0	120	0	3	1	7	0	11	0	12	230	4	0	246	0	24	6	13	0	43	420
3:30 PM	0	1	132	3	2	136	0	6	6	4	0	16	1	9	211	6	0	227	0	43	2	13	0	58	437
3:45 PM	0	2	138	7	0	147	0	2	1	2	0	5	0	8	248	5	2	261	0	25	5	9	0	39	452
Hourly Total	0	5	508	34	2	547	0	14	12	17	1	43	1	37	904	19	2	961	0	114	18	45	0	177	1728

TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026

Time	Southbound CSAH 7						Westbound Grant St						Northbound CSAH 7						Eastbound CSAH 31						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	0	135	10	0	145	0	5	3	3	1	11	0	7	215	4	1	226	0	37	3	7	0	47	429
4:15 PM	0	2	121	10	0	133	0	6	2	4	0	12	0	6	220	5	0	231	0	45	6	8	0	59	435
4:30 PM	0	3	122	10	0	135	0	1	4	6	0	11	0	12	202	0	0	214	0	55	7	11	0	73	433
4:45 PM	0	2	129	9	0	140	0	6	3	5	2	14	0	6	242	3	0	251	0	40	7	10	0	57	462
Hourly Total	0	7	507	39	0	553	0	18	12	18	3	48	0	31	879	12	1	922	0	177	23	36	0	236	1759
5:00 PM	0	3	112	2	3	117	0	3	5	2	2	10	0	14	209	2	3	225	0	27	8	6	0	41	393
5:15 PM	0	3	148	10	0	161	0	4	3	1	1	8	0	8	235	2	1	245	0	24	5	5	0	34	448
5:30 PM	0	1	139	9	0	149	0	5	4	1	0	10	0	3	224	4	0	231	0	18	5	10	0	33	423
5:45 PM	0	2	104	7	1	113	0	1	1	3	1	5	0	3	190	0	0	193	0	14	3	5	0	22	333
Hourly Total	0	9	503	28	4	540	0	13	13	7	4	33	0	28	858	8	4	894	0	83	21	26	0	130	1597
6:00 PM	0	1	117	5	1	123	0	8	3	2	0	13	0	6	178	7	0	191	0	16	2	10	0	28	355
6:15 PM	0	1	86	4	1	91	0	5	5	4	0	14	0	9	168	7	2	184	0	10	3	11	0	24	313
6:30 PM	0	0	123	6	0	129	0	1	1	1	0	3	0	9	150	7	0	166	0	9	1	5	0	15	313
6:45 PM	0	0	91	6	0	97	0	1	2	1	2	4	0	4	112	0	1	116	0	15	1	7	0	23	240
Hourly Total	0	2	417	21	2	440	0	15	11	8	2	34	0	28	608	21	3	657	0	50	7	33	0	90	1221
7:00 PM	0	0	99	5	0	104	0	3	2	4	4	9	0	4	140	3	0	147	0	10	4	9	0	23	283
7:15 PM	0	0	70	4	4	74	0	10	12	0	1	22	0	5	133	1	0	139	0	18	4	7	0	29	264
7:30 PM	0	1	58	5	0	64	0	4	2	1	0	7	0	4	95	2	0	101	0	10	3	3	0	16	188
7:45 PM	0	2	70	4	0	76	0	1	2	1	0	4	0	6	111	7	0	124	0	14	0	3	0	17	221
Hourly Total	0	3	297	18	4	318	0	18	18	6	5	42	0	19	479	13	0	511	0	52	11	22	0	85	956
8:00 PM	0	2	88	4	0	94	0	1	0	1	1	2	0	4	96	0	0	100	0	9	0	4	0	13	209
8:15 PM	0	3	56	5	3	64	0	1	1	1	0	3	0	2	114	5	2	121	0	11	4	2	0	17	205
8:30 PM	0	2	62	3	0	67	0	0	1	0	0	1	0	4	89	3	1	96	0	7	0	6	0	13	177
8:45 PM	0	0	60	3	0	63	0	0	0	1	0	1	0	3	91	5	1	99	0	7	5	4	0	16	179
Hourly Total	0	7	266	15	3	288	0	2	2	3	1	7	0	13	390	13	4	416	0	34	9	16	0	59	770
9:00 PM	0	0	70	1	0	71	0	2	0	0	0	2	0	2	73	3	0	78	0	8	0	3	0	11	162
9:15 PM	0	1	34	3	0	38	0	1	0	0	0	1	0	0	69	3	0	72	0	6	3	2	0	11	122
9:30 PM	0	0	22	0	0	22	0	0	0	2	0	2	0	4	68	1	1	73	0	1	2	3	0	6	103
9:45 PM	0	0	16	2	0	18	0	1	0	1	0	2	0	1	45	2	0	48	0	6	4	4	0	14	82
Hourly Total	0	1	142	6	0	149	0	4	0	3	0	7	0	7	255	9	1	271	0	21	9	12	0	42	469
10:00 PM	0	1	38	2	0	41	0	3	0	1	0	4	0	4	51	3	0	58	0	4	0	1	0	5	108
10:15 PM	0	1	48	3	0	52	0	2	0	0	0	2	0	2	49	4	0	55	0	6	1	2	0	9	118
10:30 PM	0	1	37	2	0	40	0	4	0	0	0	4	0	3	41	0	0	44	0	6	0	4	0	10	98
10:45 PM	0	0	25	1	0	26	0	3	1	0	0	4	0	2	58	3	0	63	0	1	1	3	0	5	98
Hourly Total	0	3	148	8	0	159	0	12	1	1	0	14	0	11	199	10	0	220	0	17	2	10	0	29	422
11:00 PM	0	0	25	0	0	25	0	2	1	2	1	5	0	1	35	2	0	38	0	3	0	2	0	5	73
11:15 PM	0	1	28	0	0	29	0	0	0	0	0	0	0	0	24	1	0	25	0	3	1	2	0	6	60
11:30 PM	0	2	41	0	0	43	0	1	0	0	0	1	0	1	22	2	0	25	0	4	1	0	0	5	74
11:45 PM	0	0	6	0	0	6	0	0	0	0	0	0	0	2	26	1	0	29	0	1	0	0	0	1	36
Hourly Total	0	3	100	0	0	103	0	3	1	2	1	6	0	4	107	6	0	117	0	11	2	4	0	17	243
DAILY TOTAL	0	91	8853	593	21	9537	0	287	177	127	27	591	1	449	8605	198	22	9253	0	975	201	526	2	1702	21083
Cars	0	86	8738	591	11	9415	0	286	149	122	18	557	1	445	8481	194	2	9121	0	967	177	513	2	1657	20750
Heavy Vehicles	0	5	115	2	10	122	0	1	28	5	9	34	0	4	124	4	20	132	0	8	24	13	0	45	333
Heavy Vehicle %	0.00%	5.49%	1.30%	0.34%	47.62%	1.28%	0.00%	0.35%	15.82%	3.94%	33.33%	5.75%	0.00%	0.89%	1.44%	2.02%	90.91%	1.43%	0.00%	0.82%	11.94%	2.47%	0.00%	2.64%	1.58%

TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026
AM Peak Hour (00:00 to 10:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
7:00 AM	0	1	222	16	1	239	0	6	1	2	0	9	0	5	105	0	0	110	0	7	0	6	0	13	371
7:15 AM	0	0	240	21	0	261	0	9	3	1	0	13	0	3	82	1	0	86	0	5	2	7	0	14	374
7:30 AM	0	4	270	28	0	302	0	3	4	1	0	8	0	6	86	1	1	93	0	12	0	4	0	16	419
7:45 AM	0	2	210	36	1	248	0	4	7	1	0	12	0	6	108	1	0	115	0	7	1	8	0	16	391
Peak Hour Total	0	7	942	101	2	1050	0	22	15	5	0	42	0	20	381	3	1	404	0	31	3	25	0	59	1555
Peak Hour Heavy Vehicles	0	2	14	1	0	17	0	0	1	0	0	1	0	0	3	0	0	3	0	1	1	0	0	3	24
Peak Hour Heavy Vehicles % PHF	0.00%	28.57%	1.49%	0.99%	0.00%	1.62%	0.00%	0.00%	6.67%	0.00%	0.00%	2.38%	0.00%	0.00%	0.79%	0.00%	0.00%	0.74%	0.00%	3.23%	33.33%	4.00%	0.00%	5.08%	1.54%
	0.000	0.438	0.872	0.701	0.500	0.869	0.000	0.611	0.536	0.625	0.000	0.808	0.000	0.833	0.882	0.750	0.250	0.878	0.000	0.646	0.375	0.781	0.000	0.922	0.928

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	
11:45 AM	0	1	141	10	0	152	0	5	1	2	0	8	0	9	114	5	0	128	0	20	4	16	0	40	328
12:00 PM	0	1	120	9	0	130	0	1	4	3	2	8	0	13	122	5	0	140	0	19	5	16	0	40	318
12:15 PM	0	1	112	13	0	126	0	3	2	3	0	8	0	10	126	3	0	139	0	10	4	13	0	27	300
12:30 PM	0	2	114	7	0	123	0	6	3	1	0	10	0	17	139	3	0	159	0	10	2	12	0	24	316
Peak Hour Total	0	5	487	39	0	531	0	15	10	9	2	34	0	49	501	16	0	566	0	59	15	57	0	131	1262
Peak Hour Heavy Vehicles	0	0	8	0	0	8	0	0	2	0	2	2	0	1	9	1	0	11	0	0	3	5	0	8	29
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	1.64%	0.00%	0.00%	1.51%	0.00%	0.00%	20.00%	0.00%	100.00%	5.88%	0.00%	2.04%	1.80%	6.25%	0.00%	1.94%	0.00%	0.00%	20.00%	8.77%	0.00%	6.11%	2.30%
	0.000	0.625	0.863	0.750	0.000	0.873	0.000	0.625	0.625	0.750	0.250	0.850	0.000	0.721	0.901	0.800	0.000	0.890	0.000	0.738	0.750	0.891	0.000	0.819	0.962

PM Peak Hour (14:00 - 24:00)

Time	Southbound						Westbound						Northbound						Eastbound						VEHICLE TOTAL
	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	U Turns	Left Turns	Straight Through	Right Turns	Crosswalk Crossings	Vehicle Approach Total	
4:00 PM	0	0	135	10	0	145	0	5	3	3	1	11	0	7	215	4	1	226	0	37	3	7	0	47	429
4:15 PM	0	2	121	10	0	133	0	6	2	4	0	12	0	6	220	5	0	231	0	45	6	8	0	59	435
4:30 PM	0	3	122	10	0	135	0	1	4	6	0	11	0	12	202	0	0	214	0	55	7	11	0	73	433
4:45 PM	0	2	129	9	0	140	0	6	3	5	2	14	0	6	242	3	0	251	0	40	7	10	0	57	462
Peak Hour Total	0	7	507	39	0	553	0	18	12	18	3	48	0	31	879	12	1	922	0	177	23	36	0	236	1759
Peak Hour Heavy Vehicles	0	0	2	0	0	2	0	0	2	1	3	3	0	0	12	0	0	12	0	0	2	0	0	2	19
Peak Hour Heavy Vehicles % PHF	0.00%	0.00%	0.39%	0.00%	0.00%	0.36%	0.00%	0.00%	16.67%	5.56%	100.00%	6.25%	0.00%	0.00%	1.37%	0.00%	0.00%	1.30%	0.00%	0.00%	8.70%	0.00%	0.00%	0.85%	1.08%
	0.000	0.583	0.939	0.975	0.000	0.953	0.000	0.750	0.750	0.750	0.375	0.857	0.000	0.646	0.908	0.600	0.250	0.918	0.000	0.805	0.821	0.818	0.000	0.808	0.952

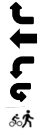
Total Vehicles On Leg			19244		
Vehicles Entering Intersection		9537	Vehicles Exiting Intersection		9707
Southbound					
Cars	591	8738	86	0	11
Heavy	2	115	5	0	10
Total	593	8853	91	0	21



Total Vehicles on Leg	Vehicles Entering Intersection	Eastbound	Cars	Heavy	Total
	1702		2	0	2
2921	Vehicles Exiting Intersection 1219	Eastbound	0	0	0
			967	8	975
			177	24	201
			513	13	526



Daily Volumes



Cars	Heavy	Total	Westbound	Vehicles Entering Intersection	Total Vehicles on Leg
122	5	127		591	
149	28	177	Westbound	Vehicles Exiting Intersection 490	1081
286	1	287			
0	0	0			
18	9	27			

					
Cars	2	1	445	8481	194
Heavy	20	0	4	124	4
Total	22	1	449	8605	198
Northbound					
Vehicles Entering Intersection			Vehicles Exiting Intersection		
9253			9667		
Total Vehicles On Leg			18920		

TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026

Time	Southbound Heavy CSAH 7						Westbound Heavy Grant St						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 31						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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	1	0	1	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly 'Heavy Vehicles'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:15 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
5:00 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
5:15 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
5:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
5:45 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	4
Hourly 'Heavy Vehicles'	0	0	6	0	0	6	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	0	1	13
6:00 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	4
6:15 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4
6:30 AM	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	4
6:45 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	5
Hourly 'Heavy Vehicles'	0	0	11	0	0	11	0	0	1	0	0	1	0	0	3	1	0	0	0	0	1	0	0	1	17
7:00 AM	0	0	7	0	0	7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8
7:15 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
7:30 AM	0	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	5
7:45 AM	0	0	4	1	0	5	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0	1	0	1	9
Hourly 'Heavy Vehicles'	0	2	14	1	0	17	0	0	1	0	0	1	0	0	3	0	1	3	0	1	1	1	0	3	24

TMC 2651 - CSAH 7 @ CSAH 31 Anoka MN Thursday, August 27, 2026																									
Time	Southbound Heavy CSAH 7						Westbound Heavy Grant St						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 31						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	2	0	0	2	0	0	0	0	0	0	0	0	5	1	0	6	0	1	0	0	0	1	9
8:15 AM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	5	1	1	6	0	0	1	0	0	1	10
8:30 AM	0	0	5	0	0	5	0	0	1	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0	10
8:45 AM	0	1	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
Hourly 'Heavy Vehicles'	0	1	11	0	0	12	0	0	1	0	0	1	0	0	15	2	1	17	0	1	1	0	0	2	32
9:00 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	0	1	5
9:15 AM	0	1	1	0	0	2	0	0	0	0	0	0	0	0	5	0	0	5	0	0	1	1	0	2	9
9:30 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4
9:45 AM	0	1	2	0	0	3	0	0	2	1	0	3	0	1	1	0	0	2	0	0	0	0	0	0	8
Hourly 'Heavy Vehicles'	0	2	5	1	0	8	0	0	2	1	0	3	0	2	10	0	0	12	0	0	1	2	0	3	26
10:00 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
10:15 AM	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	8
10:30 AM	0	0	1	0	0	1	0	1	1	0	0	2	0	0	6	0	0	6	0	0	1	0	0	1	10
10:45 AM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0	6
Hourly 'Heavy Vehicles'	0	0	6	0	0	6	0	1	4	0	0	5	0	0	15	0	0	15	0	0	3	0	0	3	29
11:00 AM	0	0	1	0	0	1	0	0	0	1	0	1	0	0	2	0	0	2	0	0	0	0	0	0	4
11:15 AM	0	0	4	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	7
11:30 AM	0	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	1	0	1	5
11:45 AM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	3	0	0	3	0	0	2	3	0	5	10
Hourly 'Heavy Vehicles'	0	0	9	0	0	9	0	0	1	1	0	2	0	0	8	0	0	8	0	0	3	4	0	7	26
12:00 PM	0	0	2	0	0	2	0	0	2	0	2	2	0	1	2	0	0	3	0	0	0	0	0	0	7
12:15 PM	0	0	3	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	2	0	3	8
12:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	4
12:45 PM	0	0	2	0	0	2	0	0	1	1	0	2	0	0	1	0	0	1	0	0	2	0	0	2	7
Hourly 'Heavy Vehicles'	0	0	8	0	0	8	0	0	3	1	2	4	0	1	7	1	0	9	0	0	3	2	0	5	26
1:00 PM	0	0	4	0	0	4	0	0	2	0	0	2	0	0	4	0	1	4	0	1	0	0	0	1	11
1:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	3	0	1	3	0	0	1	1	0	2	6
1:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:45 PM	0	0	3	0	0	3	0	0	1	0	0	1	0	0	2	0	0	2	0	0	1	0	0	1	7
Hourly 'Heavy Vehicles'	0	0	9	0	0	9	0	0	3	0	0	3	0	0	9	0	2	9	0	1	2	1	0	4	25
2:00 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	1	0	0	0	1	5
2:15 PM	0	0	1	0	0	1	0	0	2	0	0	2	0	0	3	0	1	3	0	3	1	0	0	4	10
2:30 PM	0	0	3	0	3	3	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6
2:45 PM	0	0	5	0	0	5	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	7
Hourly 'Heavy Vehicles'	0	0	10	0	3	10	0	0	3	0	0	3	0	0	9	0	1	9	0	4	2	0	0	6	28
3:00 PM	0	0	3	0	0	3	0	0	1	1	0	2	0	0	1	0	0	1	0	0	0	2	0	2	8
3:15 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	4
3:30 PM	0	0	1	0	2	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	3
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	2	5	0	0	1	0	0	1	6
Hourly 'Heavy Vehicles'	0	0	6	0	2	6	0	0	2	1	0	3	0	1	7	0	2	8	0	0	2	2	0	4	21

TMC 2651 - CSAH 7 @ CSAH 31
Anoka MN
Thursday, August 27, 2026

Time	Southbound Heavy CSAH 7						Westbound Heavy Grant St						Northbound Heavy CSAH 7						Eastbound Heavy CSAH 31						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	1	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	0	0	1	0	0	1	3	
4:15 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	4	
4:30 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5	0	0	5	0	0	1	0	0	1	7	
4:45 PM	0	0	0	0	0	0	0	0	0	1	2	1	0	0	4	0	0	4	0	0	0	0	0	0	5	
Hourly 'Heavy Vehicles'	0	0	2	0	0	2	0	0	2	1	3	3	0	0	12	0	1	12	0	0	2	0	0	2	19	
5:00 PM	0	0	0	0	2	0	0	0	1	0	0	1	0	0	3	0	3	3	0	0	0	0	0	0	4	
5:15 PM	0	0	3	0	0	3	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	4	
5:30 PM	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0	4	
5:45 PM	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	2	
Hourly 'Heavy Vehicles'	0	0	4	0	3	4	0	0	2	0	2	2	0	0	6	0	4	6	0	0	2	0	0	2	14	
6:00 PM	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2	
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	0	1	
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	
6:45 PM	0	0	2	0	0	2	0	0	1	0	0	1	0	0	2	0	1	2	0	0	0	0	0	0	5	
Hourly 'Heavy Vehicles'	0	0	2	0	1	2	0	0	2	0	0	2	0	0	5	0	3	5	0	0	1	0	0	1	10	
7:00 PM	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
7:15 PM	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	0	2	
7:30 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	
7:45 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	
Hourly 'Heavy Vehicles'	0	0	2	0	1	2	0	0	1	0	1	1	0	0	3	0	0	3	0	0	0	0	0	0	0	6
8:00 PM	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	2	
8:15 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	2	2	0	0	0	0	0	0	3	
8:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
8:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
Hourly 'Heavy Vehicles'	0	0	4	0	0	4	0	0	0	0	1	0	0	0	3	0	4	3	0	0	0	0	0	0	7	
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
9:30 PM	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	
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
10:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 PM	0	0	1	0	0	1	0	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1	
DAILY 'Heavy Vehicles'	0	5	115	2	10	122	0	1	28	5	9	34	0	4	124	4	20	132	0	8	24	13	0	45	333	

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2651

Study Date : 09/01/2026

Signal Warrants - Summary

Major Street Approaches

Northbound: CSAH 7

Number of Lanes : 2+

Total Approach Volume: 9,253

Southbound: CSAH 7

Number of Lanes :2+

Total Approach Volume: 9,537

Minor Street Approaches

Eastbound: CSAH 31

Number of Lanes :1

Total Approach Volume: 1,176

Westbound: Grant St

Number of Lanes :1

Total Approach Volume: 591

Warrant Summary (Urban Values Apply)

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

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

Required volumes reached for 4 hours, 8 are needed

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

Required volumes reached for 12 hours, 8 are needed

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

Required 1A volumes reached for 6 hours, 8 are needed

Required 1B volumes reached for 15 hours, 8 are needed

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

Number of hours (4) 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 2651

Study Date : 09/01/2026

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 4 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 CSAH 7						Minor Road CSAH 31		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
16:45 - 17:45	952	+	567	=	1519	134	42	Yes
15:45 - 16:45	932	+	560	=	1492	183	39	Yes
14:45 - 15:45	930	+	513	=	1443	128	46	Yes
13:45 - 14:45	694	+	448	=	1142	93	51	Yes
07:00 - 08:00	404	+	1050	=	1454	34	42	No
06:45 - 07:45	377	+	1062	=	1439	31	43	No
07:15 - 08:15	405	+	978	=	1383	40	40	No
06:30 - 07:30	346	+	994	=	1340	25	47	No
07:30 - 08:30	401	+	901	=	1302	35	34	No
06:15 - 07:15	301	+	975	=	1276	27	41	No
17:45 - 18:45	734	+	456	=	1190	58	35	No
07:45 - 08:45	390	+	747	=	1137	33	33	No
06:00 - 07:00	227	+	899	=	1126	22	37	No
18:00 - 19:00	657	+	440	=	1097	57	34	No
11:45 - 12:45	566	+	531	=	1097	74	34	No
13:30 - 14:30	641	+	437	=	1078	75	50	No
12:00 - 13:00	573	+	492	=	1065	70	33	No
11:30 - 12:30	513	+	548	=	1061	78	36	No
12:15 - 13:15	579	+	468	=	1047	62	32	No
13:15 - 14:15	596	+	441	=	1037	70	44	No
18:15 - 19:15	613	+	421	=	1034	53	30	No
08:00 - 09:00	369	+	661	=	1030	37	29	No
12:30 - 13:30	568	+	456	=	1024	69	33	No
11:15 - 12:15	479	+	534	=	1013	84	34	No
13:00 - 14:00	560		441		1001	69	36	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2651

Study Date : 09/01/2026

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

12 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 CSAH 7						Minor Road CSAH 31		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:30 - 16:30	945	+	561	=	1506	166	44	Yes
16:30 - 17:30	935	+	553	=	1488	173	43	Yes
14:30 - 15:30	893	+	498	=	1391	117	41	Yes
06:30 - 07:30	346	+	994	=	1340	25	47	Yes
17:30 - 18:30	799	+	476	=	1275	71	42	Yes
13:30 - 14:30	641	+	437	=	1078	75	50	Yes
11:30 - 12:30	513	+	548	=	1061	78	36	Yes
12:30 - 13:30	568	+	456	=	1024	69	33	Yes
18:30 - 19:30	568	+	404	=	972	62	38	Yes
10:30 - 11:30	419	+	492	=	911	65	44	Yes
09:30 - 10:30	341	+	564	=	905	51	29	Yes
19:30 - 20:30	446	+	298	=	744	51	16	Yes
07:30 - 08:30	401	+	901	=	1302	35	34	No
06:15 - 07:15	301	+	975	=	1276	27	41	No
07:45 - 08:45	390	+	747	=	1137	33	33	No
06:00 - 07:00	227	+	899	=	1126	22	37	No
08:00 - 09:00	369	+	661	=	1030	37	29	No
05:45 - 06:45	165	+	801	=	966	19	28	No
08:15 - 09:15	325	+	634	=	959	28	25	No
08:45 - 09:45	316	+	590	=	906	39	19	No
08:30 - 09:30	321	+	577	=	898	34	21	No
09:00 - 10:00	315	+	560	=	875	36	21	No
09:15 - 10:15	335	+	535	=	870	44	23	No
05:30 - 06:30	134	+	694	=	828	14	23	No
05:15 - 06:15	105		574		679	5	20	No

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2651

Study Date : 09/01/2026

Warrant 1C Combination of Warrants

Description

Intended for sites where the traffic volumes don't meet individual warrants but where Warrants 1A and 1B are both met to 80% of their stated values.

Summary

Only 6 hours meet 1A minimums.
15 hours meet 1B 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

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

Veh/Hr Minor = **72 36**

Major Road CSAH 7						Minor Road CSAH 31				
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1A?		
16:45 - 17:45	952	+	567	=	1519	134	42	Yes		
15:45 - 16:45	932	+	560	=	1492	183	39	Yes		
14:45 - 15:45	930	+	513	=	1443	128	46	Yes		
13:45 - 14:45	694	+	448	=	1142	93	51	Yes		
11:15 - 12:15	479	+	534	=	1013	84	34	Yes		
12:45 - 13:45	546	+	443	=	989	73	33	Yes		
07:00 - 08:00	404	+	1050	=	1454	34	42	No		
06:45 - 07:45	377	+	1062	=	1439	31	43	No		
07:15 - 08:15	405	+	978	=	1383	40	40	No		
06:30 - 07:30	346	+	994	=	1340	25	47	No		
07:30 - 08:30	401	+	901	=	1302	35	34	No		
06:15 - 07:15	301	+	975	=	1276	27	41	No		

Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met1B?		
15:00 - 16:00	961	+	547	=	1508	132	43	Yes		
16:00 - 17:00	922	+	553	=	1475	200	48	Yes		
07:00 - 08:00	404	+	1050	=	1454	34	42	Yes		
17:00 - 18:00	894	+	540	=	1434	104	33	Yes		
14:00 - 15:00	775	+	450	=	1225	103	49	Yes		
06:00 - 07:00	227	+	899	=	1126	22	37	Yes		
18:00 - 19:00	657	+	440	=	1097	57	34	Yes		
12:00 - 13:00	573	+	492	=	1065	70	33	Yes		
08:00 - 09:00	369	+	661	=	1030	37	29	Yes		
13:00 - 14:00	560	+	441	=	1001	69	36	Yes		
11:00 - 12:00	453	+	531	=	984	71	38	Yes		
10:00 - 11:00	371	+	524	=	895	61	40	Yes		

ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2651

Study Date : 09/01/2026

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.

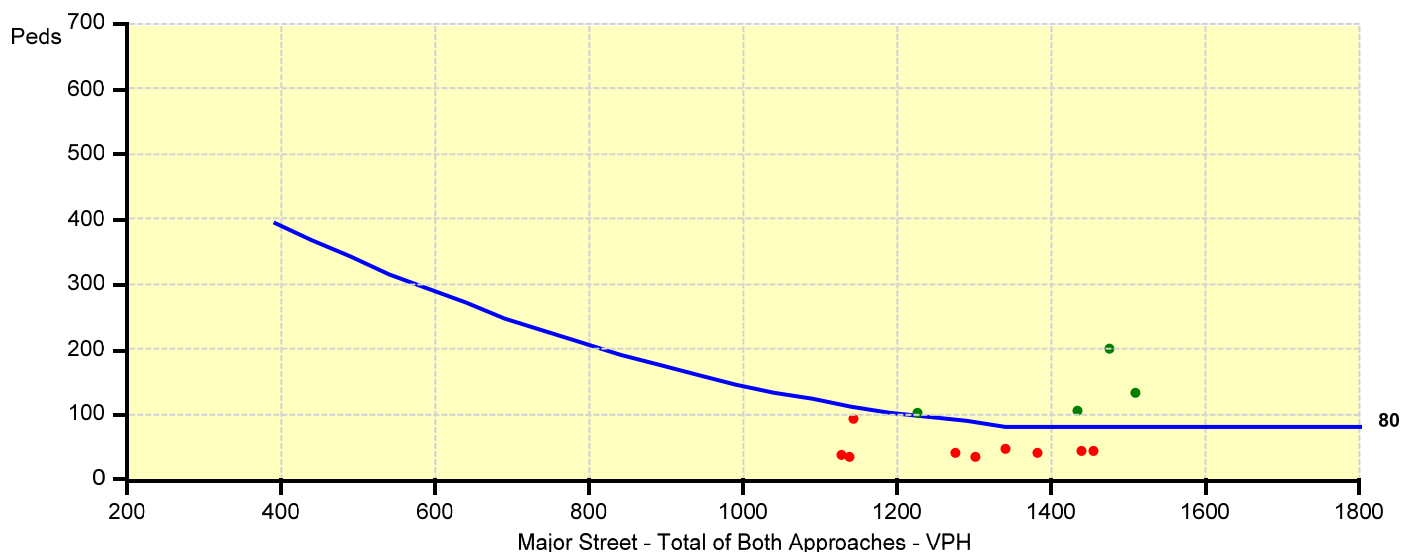
Summary

4 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 CSAH 7						Minor Road CSAH 31		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:00 - 16:00	961	+	547	=	1508	132	43	Yes
16:00 - 17:00	922	+	553	=	1475	200	48	Yes
17:00 - 18:00	894	+	540	=	1434	104	33	Yes
14:00 - 15:00	775	+	450	=	1225	103	49	Yes
07:00 - 08:00	404	+	1050	=	1454	34	42	No
06:45 - 07:45	377	+	1062	=	1439	31	43	No
07:15 - 08:15	405	+	978	=	1383	40	40	No
06:30 - 07:30	346	+	994	=	1340	25	47	No
07:30 - 08:30	401	+	901	=	1302	35	34	No
06:15 - 07:15	301	+	975	=	1276	27	41	No
13:45 - 14:45	694	+	448	=	1142	93	51	No
07:45 - 08:45	390	+	747	=	1137	33	33	No



ANOKA COUNTY HIGHWAY

PC-WARRANTS

TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name: TMC 2651

Study Date : 09/01/2026

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

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 CSAH 7						Minor Road CSAH 31		
Time	Major NB	+	Major SB	=	Total	Minor EB	Minor WB	Met?
15:15 - 16:15	960	+	548	=	1508	145	43	Yes
15:30 - 16:30	945	+	561	=	1506	166	44	Yes
15:45 - 16:45	932	+	560	=	1492	183	39	Yes
16:30 - 17:30	935	+	553	=	1488	173	43	Yes
16:00 - 17:00	922	+	553	=	1475	200	48	Yes
16:15 - 17:15	921	+	525	=	1446	195	47	Yes
16:45 - 17:45	952	+	567	=	1519	134	42	No
15:00 - 16:00	961	+	547	=	1508	132	43	No
07:00 - 08:00	404	+	1050	=	1454	34	42	No
14:45 - 15:45	930	+	513	=	1443	128	46	No
06:45 - 07:45	377	+	1062	=	1439	31	43	No
17:00 - 18:00	894		540		1434	104	33	No

